

# Report

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## 1.1 Test Setup

The central part of the test setup is done via the framework provided, for which we write a separate independent test method to test the running time, number of backtracks and number of assignments for each different problem, which are all logged and measured for further analysis. Since there might be variations with CPU execution time, repeated tests are done for each combination, and an average is calculated for each performance measure to ensure the maximum accuracy.

For the number of combinations to test, we choose to test all combinations of all possible permutation, this result in 390 different combinations for each 15 different problems. Since we were lucky enough to finish all the codes 3 days after the project is released, we have sufficient time test out all possible combinations without worrying about narrowing the number of combinations. The second reason to test on such a large scale is that it provides us with more comprehensive data for analysis.

However, due the nature of such a large scale test, number of tests and timeout is chosen differently for each difficulty level. Below is a glimpse of the test setup

-----		
NumTest   Difficulty   Timeout		
-----		
20	'E'	30/60
5	'M'	60/120
1	'H'	300/600
-----		

The test machine spec is i7 6700hq, with 16GB of ram, running on Windows 10 Education.

## 1.2 Interpretation of raw data set

Four different data are collected for each test, which are id, running time, number of backtracks and number of assignments for each different problem. For Example, the following dataset in PE.txt, in section PE1.txt

id numBacktracks numAssignments avgtime

16 1 5 0.026801705360412598

First value is the id of the combination. The name of the combination algorithm can be obtained from id\_list.txt, from which we can obtain:

16 ['NKD', 'MRV', 'LCV']

Thus, we can interpret this data by saying, the algorithm with Naked Double, MRV and LCV, is able to solve PE1.txt in 26.8ms, with 1 backtracks and 5 assignment nodes.

If the combination cannot solve the Sudoku puzzle in given timeout limit, the runtime is recorded as infinity, indicating failure in solving the puzzle.

## 1.2 Combinations

There are a total of 390 different combinations in our test, each of which correspond to a specific ordering of the algorithms. For each example, with naked triple and naked double, two different combination can be generated , as illustrated below

NKD, NKT, None, None

NKT, NKD, None, None

In our experiments, we find that the order the algorithms do matter in terms of the runtime performance. This possibly due to the number of hints available to NKD and NKT.

## 1.4 Comparison Methods

Multiple aspects of comparisons can be obtained by comparing the raw dataset's three performance measure. The following sections describe those aspects in more detail

### 1.4.1 Solving

The solving ability of a combination of algorithm is defined by its ability to solve a Sudoku puzzle in given set of time. If the algorithm cannot solve the problem in given time limit, we consider it as failure.

However, solving ability of each combination could vary greatly across different Sudoku puzzle. In some cases, some combination is able to solve PH1 in 10 seconds, but fail to solve PH2 in 300 seconds time limit. To address this problem, we introduce penalty time.

### 1.4.2 Penalty time

Recall that if a combination cannot solve in given limit time, runtime is recorded as infinity. In order to measure the mean the runtime of each algorithms, but also consider failure cases, we introduce penalty time. If a combination fails to solve the puzzle, a penalty time which is twice the timeout is added to the running time. E.g. if timeout is 300, penalty time would be 600.

Then the average is calculated by considering penalty time during the calculation. However, it should be stressed that penalty time does not depict a precise view of the performance of the combination, but only allows us to compare the performance of different algorithms.

The mean of the runtime of a combination should not be interrupted as a precise running time measure, but only a mere indicator for comparing itself with other combination.

#### 1.4.3 Puzzle Difficulty

In this report, all x-axis are categorized into three different parts, PE, PM and PH, which in turn means the average of 5 sub problems.

#### 1.4.4 Number of Backtracks and Assignments

The number of backtracks records the number of deadend during backtracking search. The number of assignments records the number of non-deadend nodes during backtracking search that lead to the correct solution.

Both backtracks and assignments measure the space complexity of the algorithms. In general cases space used is associated with difficulty level, since the harder the problem is, the more search it needs to do. Both of them are also positively associated with runtime of the combination. This is also due to the fact that good combination algorithms try to terminate deadend as early as possibly to prevent backtracks. Those combinations that cannot solve the problem always generate huge number of backtracks and assignments.

## 1.5 Defining the Best Combination

When considering the best combinations out of the 390 combos, combinations that cannot solve all puzzles are excluded from the list. Because the best combination should always be able to solve a puzzle in given time constraint.

The second factor taken into account is the average runtime. The less time it runs, the better it is. The third factor is the space complexity.

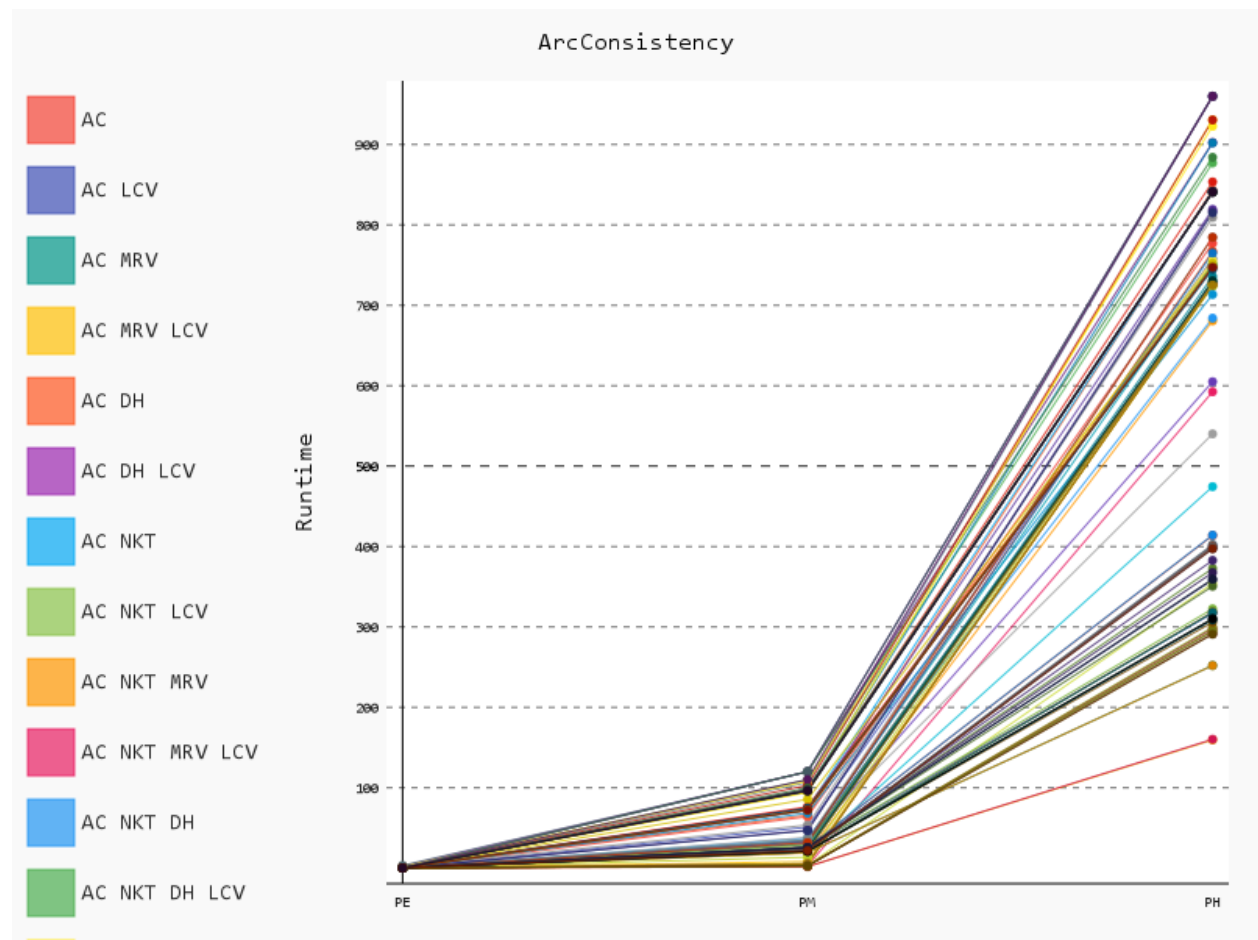
There are two reasons we favour runtime over space complexity, the first reason is that our test machine, which has 16GB of ram, so memory is large enough that space used do not necessarily affect the performance. The second reason is that runtime is a better indicator that shows fast the combination is.

## 2 Evaluation

We first start off by looking at how heuristics and the other of other consistency checking affect each consistency checking

Looking at the

looking at the above chart, for PE problem, all combinations merely make a difference. But as the problem grow harder, the differences among combinations in terms of runtime start to emerge. From the graph we can see that, the most efficient subsequent combinations out of all three difficulties are:



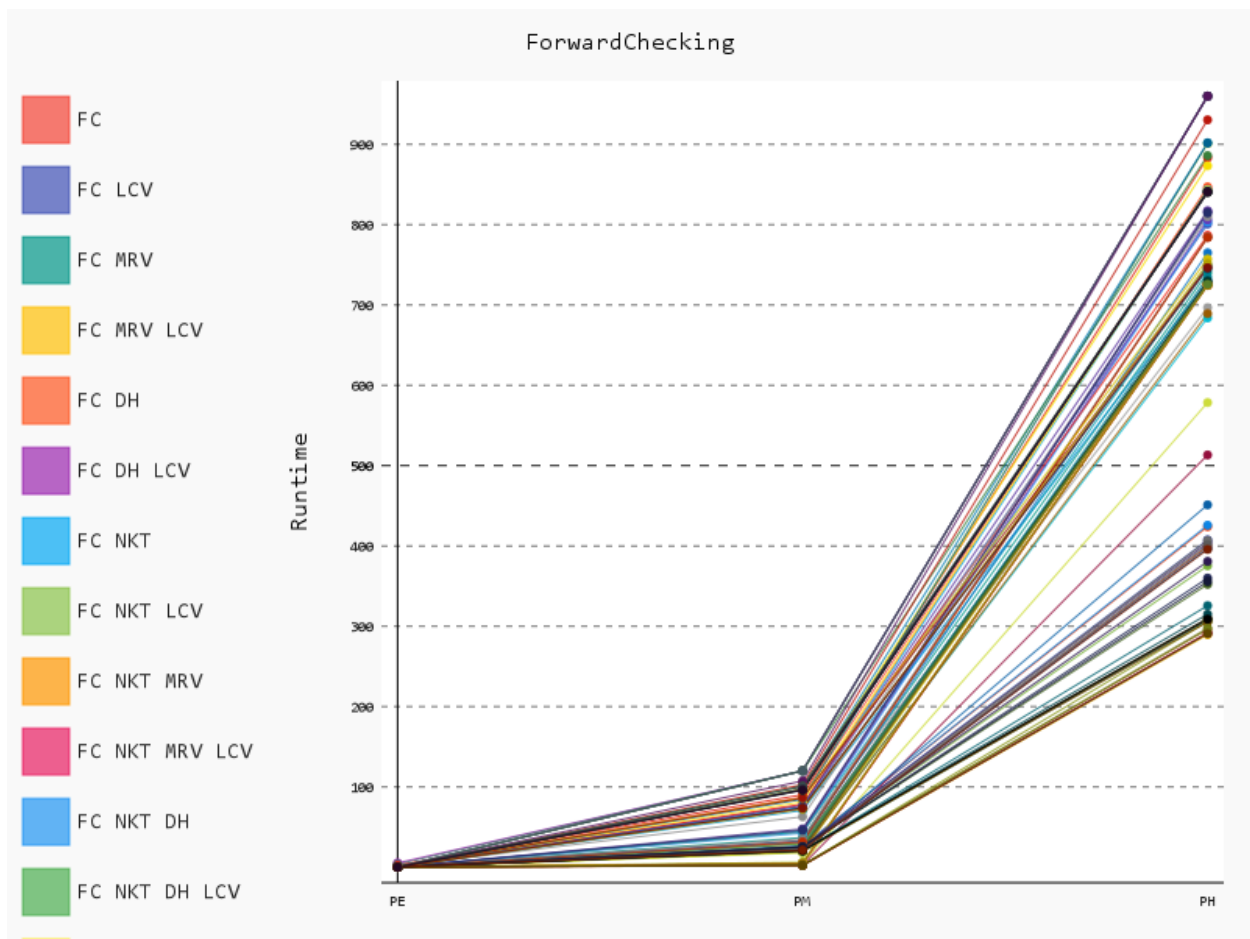
AC NKD NKT MRV LCV

AC NKT NKD MRV LCV

AC NKT NKD MRV

AC NKD NKT MRV

AC NKT NKD FC MRV LCV



The most efficient combinations starting with FC are:

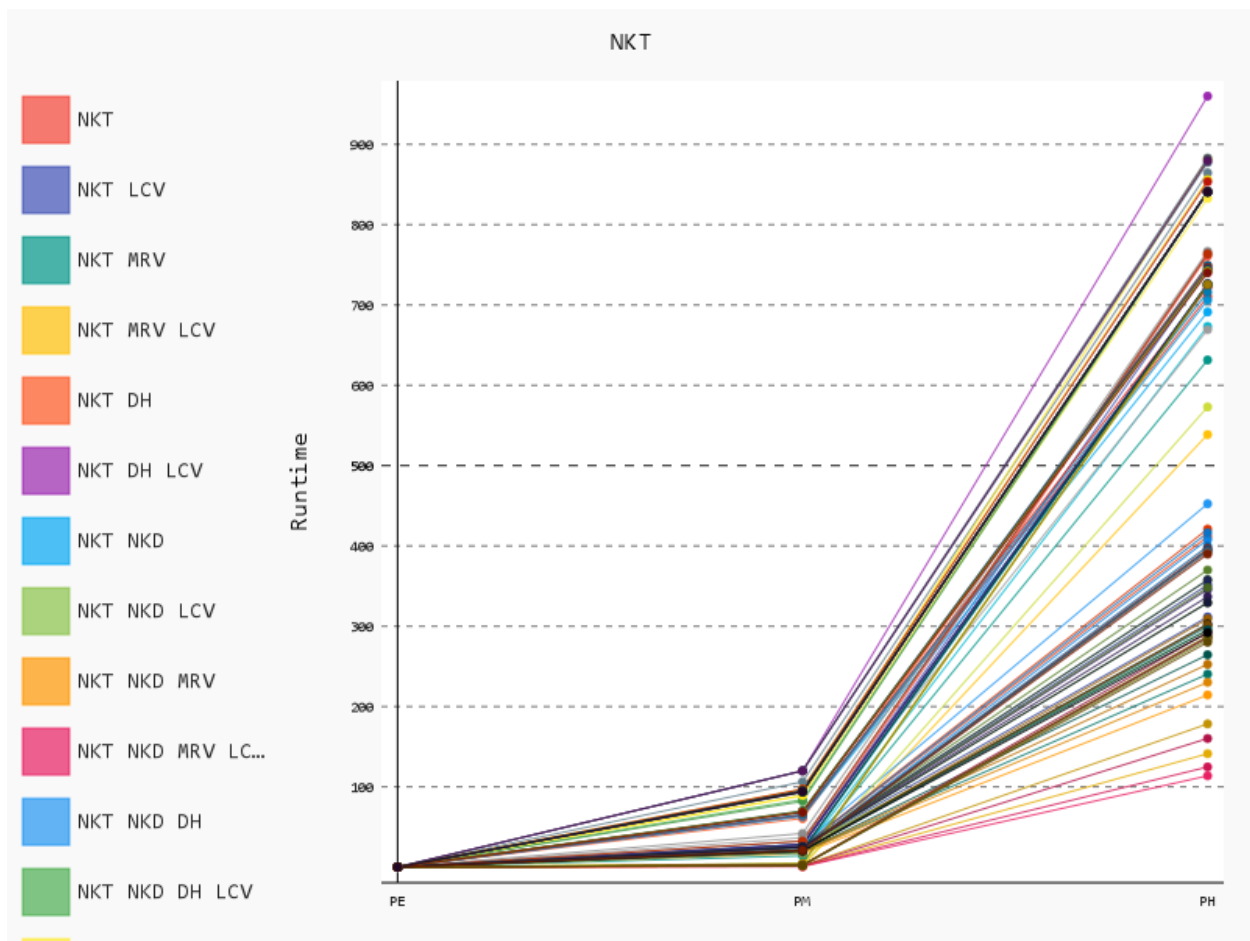
FC NKT NKT MRV LCV

FC NKT NKT AC MRV LCV

FC NKT NKT AC MRV LCV

FC NKT NKT MRV LCV

NKD FC NKT MRV LCV



The most efficient combinations starting with NKT are:

NKT NKD MRV LCV

NKT NKD AC MRV LCV

NKT AC NKD MRV LCV

NKT NKD FC MRV LCV

NKT FC NKD MRV LCV

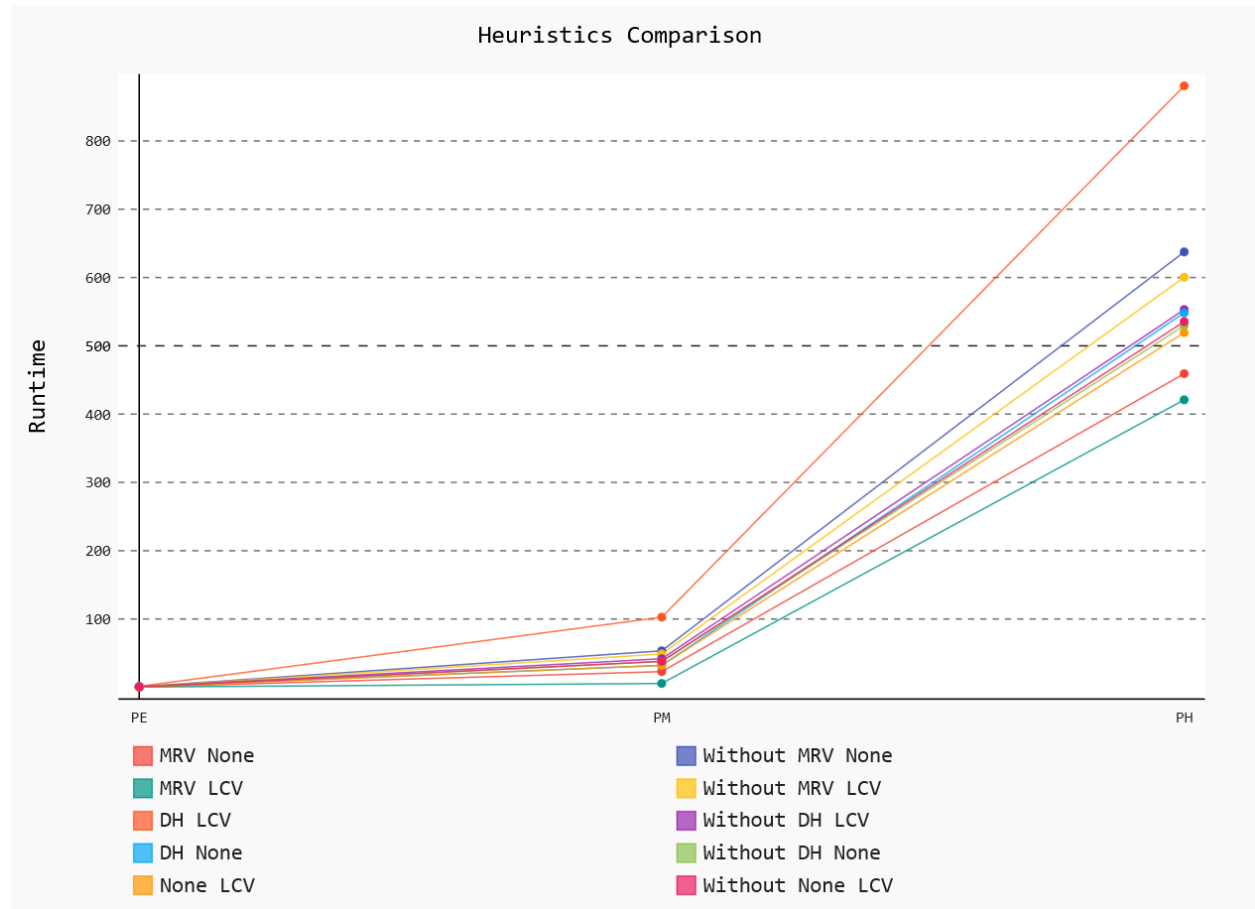
Looking at the above four different charts, we can see that by adding NKT and NKD to FC or AC, the runtime improves dramatically, on average increases by 214.3%. Both NKT and NKD boosts the performance significantly.

Interestingly, the top five most efficient combinations all contain variable length heuristics MRV and LCV. MRV chooses the most constraining variable first, then LCV tries to avoid failure by assigning values that leave the maximum number of choices. The idea of MRV is to prune impossible assignments as soon as possible, and LCV is to search the whole state space and find a solution as soon as possible.

Both NKD and NKT are heuristics that eliminate possible candidates by inferencing, the idea of NKD and NKT is also to solve the puzzle as quick as possible as well.

At this step, we can make an assumption that NKD and NKT are the best combinations for consistency checking, and MRV LCV are the best combinations for heuristics.

We can further explore the efficiency of each heuristics by looking at each of the heuristics combination.

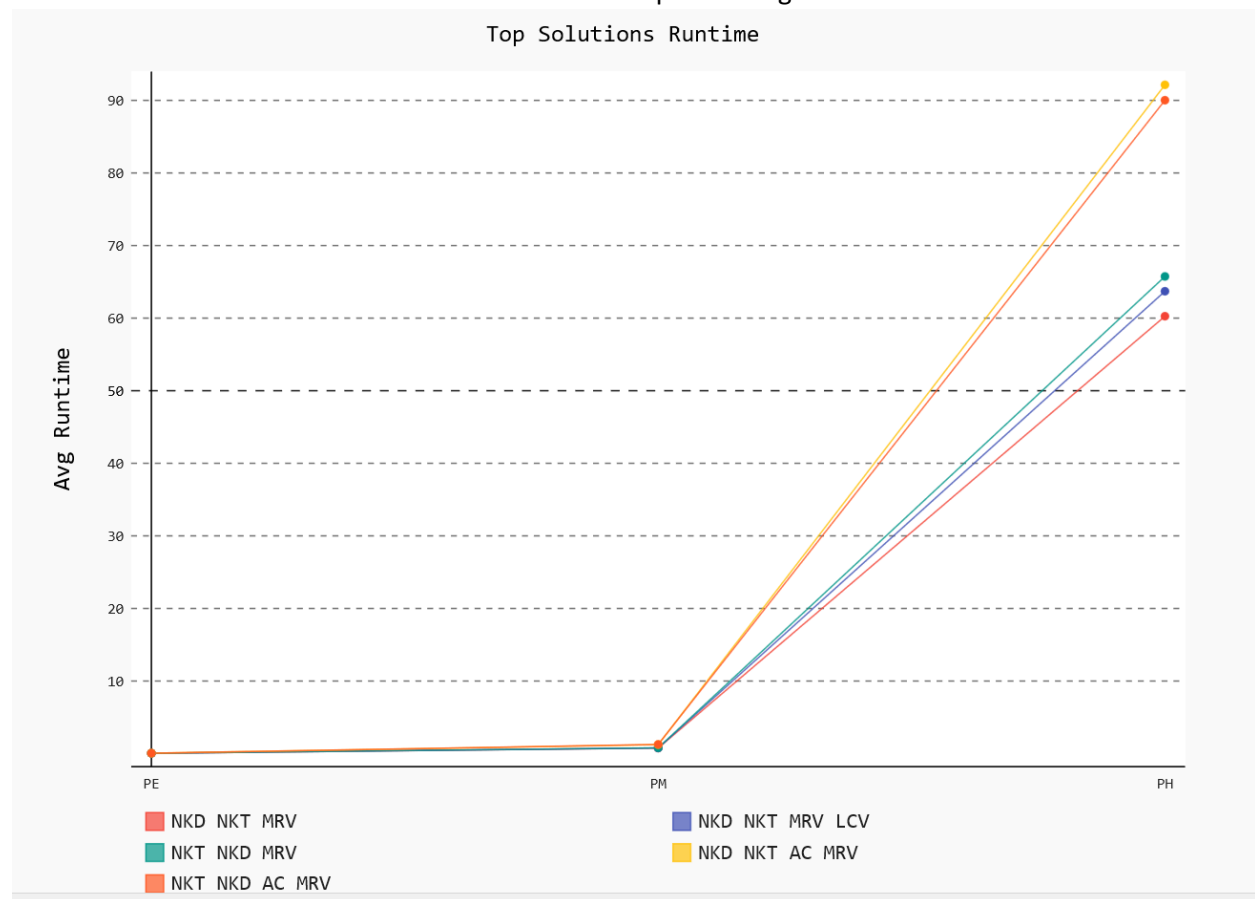


Looking at the graph above, it shows the average runtime of different combinations of heuristics ignoring consistency checking. We can find MRV LCV is the best possible combination for heuristics, it on average is 32.168% better than the other heuristic combinations.

The above illustration shows that while each heuristics may not work at best individually, the combinations can be powerful. The second place goes to MRV, None. Third place goes to None LCV. Combining the previous assumption, we can hypothesize that the best combination could be a combination of NKT, NKD and MRV None and MRV LCV and None LCV.



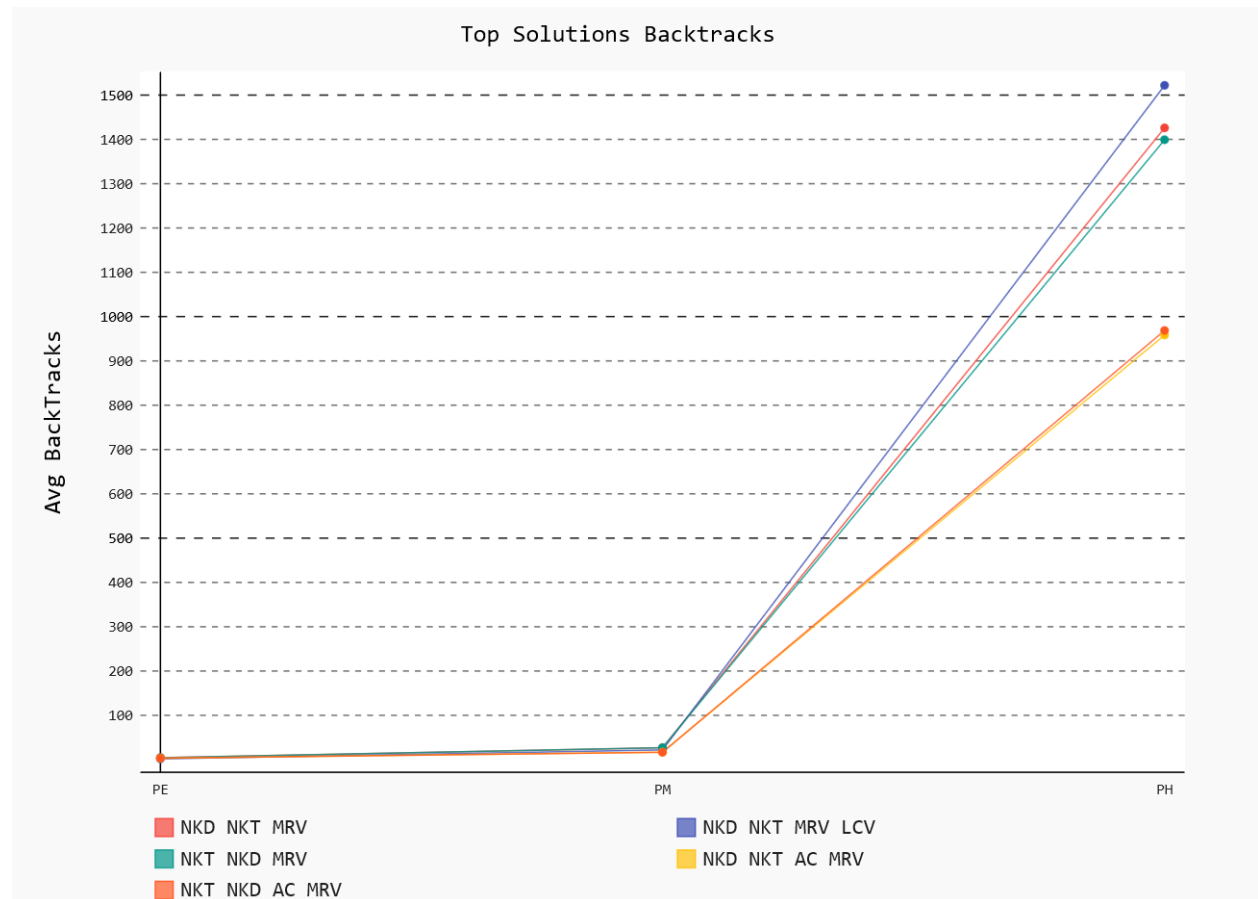
Now let's look at the solutions that are able to solve all the puzzles in given time constraint



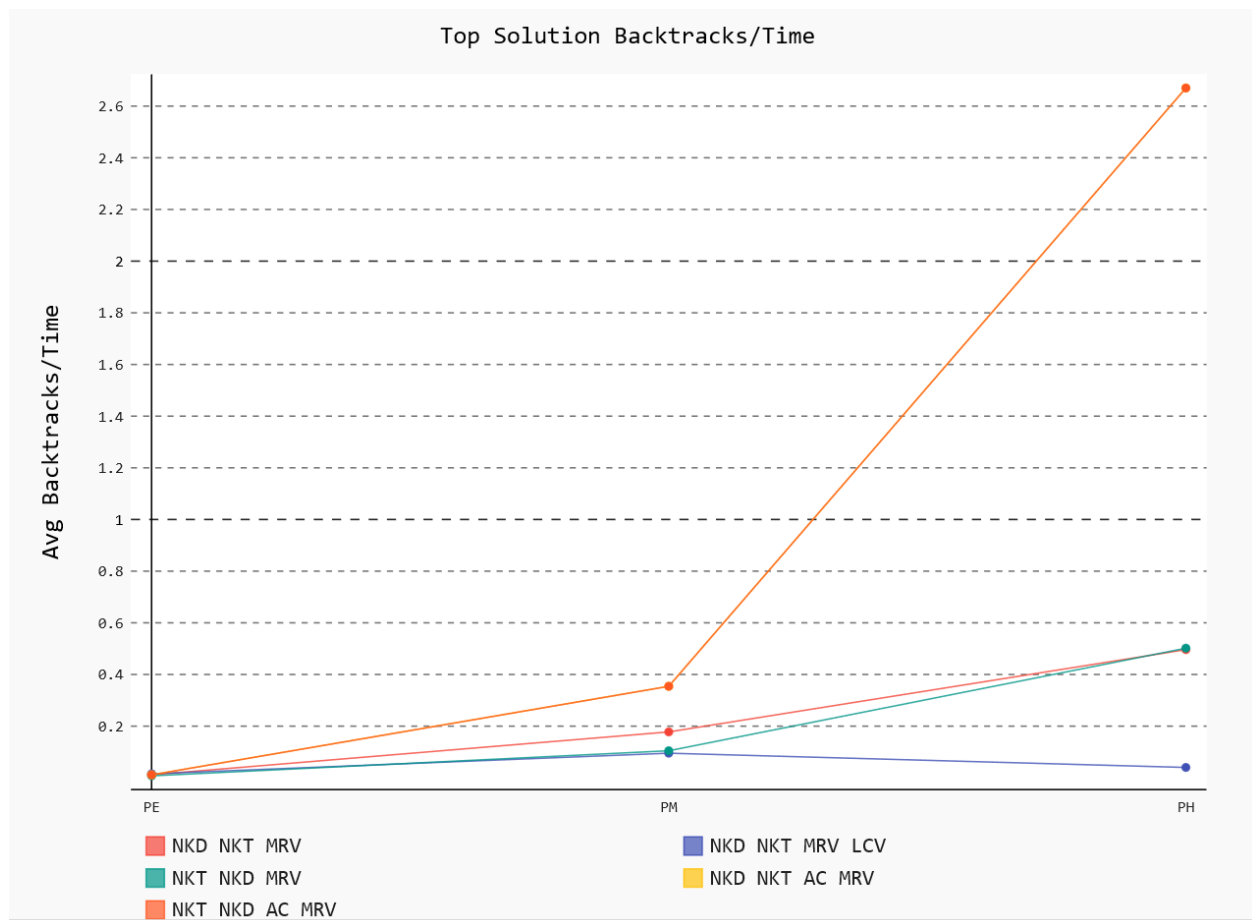
The above graph takes the average runtime of all the combinations that solve all the problems, so as to eliminate the variations. The best combination should be able to solve all problems in all cases in shortest amount of time, and in given space constraint.

We can see that the combination of NKD, NKT, MRV is the fastest combination of all, and is twice as fast as the second combination. The second place goes to NKD NKT MRV LCV. Third place goes to NKT NKD AC MRV.

The heuristics for best combinations are MRV and MRV LCV, and MRV, which proves our hypothesis about heuristics, it also shows that NKT NKD works best with MRV, and this sort of combination are the fastest.



The above figure shows the average backtracks for each combination for each difficulty. As we can see, our previous best combinations still have a relatively low backtracks except NKD NKT MRV LCV. This combination although achieves second best runtime, but have a relatively higher average backtracks. This means higher space complexity.



Looking at the charts for backtracks / time for all possible combinations, we can see that although NKD NKT MRV LCV has more space complexity, but it has less average time/backtracks. This is possibly due to the fact that LCV heuristics try to solve the problem as soon as possible, which result in more failure state. But overall, the runtime for this combination still ranks the second. This combination uses more space than NKD NKT MRV, but has less runtime. It also has the lowest time/backtracks.

On the other hand, NKD NKT MRV shows a reasonable balance among all three benchmarks, with runtime at the top, Number of Backtracks at 4<sup>th</sup>, and average time/backtrack at 2<sup>nd</sup>.

NKT NKD MRV has similar result with NKD NKT MRV. It is slightly slower, but uses slightly less space, and has the same average time/backtrack.

NKD NKT AC MRV and NKT NKD AC MRV has slower runtime among all five, but has less space complexity than the top 3. It seems to be reasonable strategy for people with less memory, but are insensitive about runtime.

PE1.txt

Success Rate=0.9949

Average Backtracks=370.3

PE2.txt

Success Rate=0.9949

Average Backtracks=421.9

PE3.txt

Success Rate=0.9846

Average Backtracks=1012

PE4.txt

Success Rate=0.9949

Average Backtracks=511.0

PE5.txt

Success Rate=0.9949

Average Backtracks=441.1

PM1.txt

Success Rate=0.6590

Average Backtracks=1297

PM2.txt

Success Rate=0.4923

Average Backtracks=1423

PM3.txt

Success Rate=0.7462

Average Backtracks=926.8

PM4.txt

Success Rate=0.4692

Average Backtracks=1479

PM5.txt

Success Rate=0.8872

Average Backtracks=632.7

PH1.txt

Success Rate=0.6282

Average Backtracks=3390

PH2.txt

Success Rate=0.8872

Average Backtracks=607.8

PH3.txt

Success Rate=0.4205

Average Backtracks=7256

PH4.txt

Success Rate=0.4282

Average Backtracks=6142

PH5.txt

Success Rate=0.03333

Average Backtracks=6.145E+4

Also looking at the 15 different test samples, we can clearly see that as the difficulty gets higher, the success rate decreases, and the average backtracks increases as a result.

### 3.1 Conclusion

In this report we discussed different combinations and their performance measure at different difficulty level. NKD NKT MRV and NKT NKD MRV are the best combinations. Because both of them have very fast runtime, but space used is not as high as NKD NKT MRV LCV. Both of them also have reasonable time/backtracks. Both of them are a balanced solution for solving Sudoku puzzle.

NKD NKT MRV LCV is excluded from our best combination because it requires the highest space complexity, but it does not trade for a better runtime (not the best). So we would eliminate it from our best combinations.

However, it should be stressed that average runtime gives a good benchmark indicator for comparing each algorithms but it does not give a complete overall picture e.g. overall state space. It says nothing about the internal processing state.

```
1 [('None',), 'None', 'None']
```

```
1PE1.txt Time=1.4454259157180787s Backtracks=1556 Assignments=1605 Solved=True  
AvgBacktrackTime=0.0009289
```

```
1PE2.txt Time=1.7934530973434448s Backtracks=2405 Assignments=2456 Solved=True  
AvgBacktrackTime=0.0007457
```

```
1PE3.txt Time=Infinitys Backtracks=60701 Assignments=60731 Solved=False AvgBacktrackTime=0
```

```
1PE4.txt Time=13.958398342132568s Backtracks=14897 Assignments=14948 Solved=True  
AvgBacktrackTime=0.0009370
```

```
1PE5.txt Time=0.45181238651275635s Backtracks=460 Assignments=505 Solved=True  
AvgBacktrackTime=0.0009822
```

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 16003.8 Avg Assignments: 16049.0

1PM1.txt Time=Infinitys Backtracks=33800 Assignments=33835 Solved=False AvgBacktrackTime=0  
1PM2.txt Time=Infinitys Backtracks=29020 Assignments=29080 Solved=False AvgBacktrackTime=0  
1PM3.txt Time=Infinitys Backtracks=21031 Assignments=21087 Solved=False AvgBacktrackTime=0  
1PM4.txt Time=Infinitys Backtracks=29999 Assignments=30057 Solved=False AvgBacktrackTime=0  
1PM5.txt Time=Infinitys Backtracks=13868 Assignments=13874 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 25543.6 Avg Assignments: 25586.6

1PH1.txt Time=Infinitys Backtracks=171053 Assignments=171099 Solved=False AvgBacktrackTime=0  
1PH2.txt Time=Infinitys Backtracks=5171 Assignments=5214 Solved=False AvgBacktrackTime=0  
1PH3.txt Time=Infinitys Backtracks=333209 Assignments=333236 Solved=False AvgBacktrackTime=0  
1PH4.txt Time=Infinitys Backtracks=135780 Assignments=135827 Solved=False AvgBacktrackTime=0  
1PH5.txt Time=Infinitys Backtracks=1357800 Assignments=1358270 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 400602.6 Avg Assignments: 400729.2

2 [('None',), 'None', 'LCV']

2PE1.txt Time=1.4244360208511353s Backtracks=1369 Assignments=1418 Solved=True  
AvgBacktrackTime=0.001040

2PE2.txt Time=1.7060893058776856s Backtracks=2193 Assignments=2244 Solved=True  
AvgBacktrackTime=0.0007780

2PE3.txt Time=Infinitys Backtracks=59948 Assignments=59979 Solved=False AvgBacktrackTime=0

2PE4.txt Time=14.484749054908752s Backtracks=14689 Assignments=14740 Solved=True  
AvgBacktrackTime=0.0009861

2PE5.txt Time=0.34937257766723634s Backtracks=281 Assignments=326 Solved=True  
AvgBacktrackTime=0.001243

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 15696.0 Avg Assignments: 15741.4

2PM1.txt Time=Infinitys Backtracks=32227 Assignments=32258 Solved=False AvgBacktrackTime=0

2PM2.txt Time=Infinitys Backtracks=28401 Assignments=28478 Solved=False AvgBacktrackTime=0

2PM3.txt Time=Infinitys Backtracks=20504 Assignments=20558 Solved=False AvgBacktrackTime=0

2PM4.txt Time=Infinitys Backtracks=29214 Assignments=29273 Solved=False AvgBacktrackTime=0

2PM5.txt Time=Infinitys Backtracks=13828 Assignments=13836 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 24834.8 Avg Assignments: 24880.6

2PH1.txt Time=Infinitys Backtracks=162560 Assignments=162604 Solved=False AvgBacktrackTime=0

2PH2.txt Time=Infinitys Backtracks=5131 Assignments=5173 Solved=False AvgBacktrackTime=0

2PH3.txt Time=Infinitys Backtracks=317229 Assignments=317253 Solved=False AvgBacktrackTime=0

2PH4.txt Time=Infinitys Backtracks=132982 Assignments=133034 Solved=False AvgBacktrackTime=0

2PH5.txt Time=Infinitys Backtracks=1329820 Assignments=1330340 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 389544.4 Avg Assignments: 389680.8

3 [['None'], 'MRV', 'None']

3PE1.txt Time=1.4455029010772704s Backtracks=1556 Assignments=1605 Solved=True  
AvgBacktrackTime=0.0009290

3PE2.txt Time=1.9056185007095336s Backtracks=2405 Assignments=2456 Solved=True  
AvgBacktrackTime=0.0007924



3PE3.txt Time=Infinitys Backtracks=62937 Assignments=62964 Solved=False AvgBacktrackTime=0

3PE4.txt Time=14.312536597251892s Backtracks=14897 Assignments=14948 Solved=True  
AvgBacktrackTime=0.0009608

3PE5.txt Time=0.45922658443450926s Backtracks=460 Assignments=505 Solved=True  
AvgBacktrackTime=0.0009983

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 16451.0 Avg Assignments: 16495.6

3PM1.txt Time=Infinitys Backtracks=33326 Assignments=33359 Solved=False AvgBacktrackTime=0

3PM2.txt Time=Infinitys Backtracks=29288 Assignments=29341 Solved=False AvgBacktrackTime=0

3PM3.txt Time=Infinitys Backtracks=20911 Assignments=20969 Solved=False AvgBacktrackTime=0

3PM4.txt Time=Infinitys Backtracks=30178 Assignments=30236 Solved=False AvgBacktrackTime=0

3PM5.txt Time=Infinitys Backtracks=13875 Assignments=13883 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 25515.6 Avg Assignments: 25557.6

3PH1.txt Time=Infinitys Backtracks=170417 Assignments=170460 Solved=False AvgBacktrackTime=0

3PH2.txt Time=Infinitys Backtracks=5164 Assignments=5206 Solved=False AvgBacktrackTime=0

3PH3.txt Time=Infinitys Backtracks=330120 Assignments=330146 Solved=False AvgBacktrackTime=0

3PH4.txt Time=Infinitys Backtracks=136203 Assignments=136241 Solved=False AvgBacktrackTime=0

3PH5.txt Time=Infinitys Backtracks=1362030 Assignments=1362410 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 400786.8 Avg Assignments: 400892.6

4 [('None',), 'MRV', 'LCV']

4PE1.txt Time=1.3958917379379272s Backtracks=1369 Assignments=1418 Solved=True  
AvgBacktrackTime=0.001020

4PE2.txt Time=1.8363178253173829s Backtracks=2193 Assignments=2244 Solved=True  
AvgBacktrackTime=0.0008374

4PE3.txt Time=Infinitys Backtracks=58671 Assignments=58696 Solved=False AvgBacktrackTime=0

4PE4.txt Time=14.761252808570863s Backtracks=14689 Assignments=14740 Solved=True  
AvgBacktrackTime=0.001005

4PE5.txt Time=0.3541752576828003s Backtracks=281 Assignments=326 Solved=True  
AvgBacktrackTime=0.001260

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 15440.6 Avg Assignments: 15484.8

4PM1.txt Time=Infinitys Backtracks=32289 Assignments=32326 Solved=False AvgBacktrackTime=0

4PM2.txt Time=Infinitys Backtracks=28226 Assignments=28283 Solved=False AvgBacktrackTime=0

4PM3.txt Time=Infinitys Backtracks=20512 Assignments=20566 Solved=False AvgBacktrackTime=0

4PM4.txt Time=Infinitys Backtracks=29229 Assignments=29287 Solved=False AvgBacktrackTime=0

4PM5.txt Time=Infinitys Backtracks=13513 Assignments=13521 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 24753.8 Avg Assignments: 24796.6

4PH1.txt Time=Infinitys Backtracks=163250 Assignments=163295 Solved=False AvgBacktrackTime=0

4PH2.txt Time=Infinitys Backtracks=5164 Assignments=5208 Solved=False AvgBacktrackTime=0

4PH3.txt Time=Infinitys Backtracks=314351 Assignments=314377 Solved=False AvgBacktrackTime=0

4PH4.txt Time=Infinitys Backtracks=133095 Assignments=133151 Solved=False AvgBacktrackTime=0

4PH5.txt Time=Infinitys Backtracks=1330950 Assignments=1331510 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 389362.0 Avg Assignments: 389508.2

5 [('None',), 'DH', 'None']

5PE1.txt Time=Infinitys Backtracks=72908 Assignments=72922 Solved=False AvgBacktrackTime=0

5PE2.txt Time=Infinitys Backtracks=78660 Assignments=78679 Solved=False AvgBacktrackTime=0

5PE3.txt Time=Infinitys Backtracks=67410 Assignments=67434 Solved=False AvgBacktrackTime=0

5PE4.txt Time=Infinitys Backtracks=71546 Assignments=71569 Solved=False AvgBacktrackTime=0

5PE5.txt Time=Infinitys Backtracks=86696 Assignments=86712 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 75444.0 Avg Assignments: 75463.2

5PM1.txt Time=Infinitys Backtracks=44080 Assignments=44123 Solved=False AvgBacktrackTime=0

5PM2.txt Time=Infinitys Backtracks=35906 Assignments=35953 Solved=False AvgBacktrackTime=0

5PM3.txt Time=Infinitys Backtracks=16031 Assignments=16087 Solved=False AvgBacktrackTime=0

5PM4.txt Time=Infinitys Backtracks=28002 Assignments=28061 Solved=False AvgBacktrackTime=0

5PM5.txt Time=Infinitys Backtracks=11304 Assignments=11337 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 27064.6 Avg Assignments: 27112.2

5PH1.txt Time=Infinitys Backtracks=71853 Assignments=72033 Solved=False AvgBacktrackTime=0

5PH2.txt Time=Infinitys Backtracks=5039 Assignments=5073 Solved=False AvgBacktrackTime=0

5PH3.txt Time=Infinitys Backtracks=127621 Assignments=127680 Solved=False AvgBacktrackTime=0

5PH4.txt Time=Infinitys Backtracks=252960 Assignments=253005 Solved=False AvgBacktrackTime=0

5PH5.txt Time=Infinitys Backtracks=2529600 Assignments=2530050 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 597414.6 Avg Assignments: 597568.2

6 [('None',), 'DH', 'LCV']

6PE1.txt Time=Infinitys Backtracks=65046 Assignments=65058 Solved=False AvgBacktrackTime=0

6PE2.txt Time=Infinitys Backtracks=75324 Assignments=75347 Solved=False AvgBacktrackTime=0

6PE3.txt Time=Infinitys Backtracks=70100 Assignments=70121 Solved=False AvgBacktrackTime=0

6PE4.txt Time=Infinitys Backtracks=67492 Assignments=67517 Solved=False AvgBacktrackTime=0

6PE5.txt Time=Infinitys Backtracks=82725 Assignments=82734 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 72137.4 Avg Assignments: 72155.4

6PM1.txt Time=Infinitys Backtracks=42398 Assignments=42442 Solved=False AvgBacktrackTime=0

6PM2.txt Time=Infinitys Backtracks=34512 Assignments=34559 Solved=False AvgBacktrackTime=0

6PM3.txt Time=Infinitys Backtracks=15794 Assignments=15849 Solved=False AvgBacktrackTime=0

6PM4.txt Time=Infinitys Backtracks=27143 Assignments=27202 Solved=False AvgBacktrackTime=0

6PM5.txt Time=Infinitys Backtracks=10927 Assignments=10954 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 26154.8 Avg Assignments: 26201.2

6PH1.txt Time=Infinitys Backtracks=69572 Assignments=69753 Solved=False AvgBacktrackTime=0

6PH2.txt Time=Infinitys Backtracks=5038 Assignments=5070 Solved=False AvgBacktrackTime=0

6PH3.txt Time=Infinitys Backtracks=124743 Assignments=124802 Solved=False AvgBacktrackTime=0

6PH4.txt Time=Infinitys Backtracks=241432 Assignments=241477 Solved=False AvgBacktrackTime=0

6PH5.txt Time=Infinitys Backtracks=2414320 Assignments=2414770 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 571021.0 Avg Assignments: 571174.4

7 [('NKT',), 'None', 'None']

7PE1.txt Time=0.03217780590057373s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.005363

7PE2.txt Time=0.044969367980957034s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.008994

7PE3.txt Time=0.1774755001068115s Backtracks=30 Assignments=37 Solved=True  
AvgBacktrackTime=0.005916

7PE4.txt Time=0.04009096622467041s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.02005

7PE5.txt Time=0.02224249839782715s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.004448

Solution:5/5

:Avg runtime: 0.06338 Avg Backtracks: 9.6 Avg Assignments: 14.4

7PM1.txt Time=12.190016210079193s Backtracks=1147 Assignments=1165 Solved=True  
AvgBacktrackTime=0.01063

7PM2.txt Time=Infinitys Backtracks=5287 Assignments=5312 Solved=False AvgBacktrackTime=0

7PM3.txt Time=0.734670102596283s Backtracks=48 Assignments=70 Solved=True  
AvgBacktrackTime=0.01531

7PM4.txt Time=0.616401731967926s Backtracks=13 Assignments=51 Solved=True  
AvgBacktrackTime=0.04742

7PM5.txt Time=7.894117116928101s Backtracks=642 Assignments=656 Solved=True  
AvgBacktrackTime=0.01230

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1427.4 Avg Assignments: 1450.8

7PH1.txt Time=203.75369095802307s Backtracks=6487 Assignments=6641 Solved=True  
AvgBacktrackTime=0.03141

7PH2.txt Time=2.488706588745117s Backtracks=24 Assignments=38 Solved=True  
AvgBacktrackTime=0.1037

7PH3.txt Time=Infinitys Backtracks=18022 Assignments=18033 Solved=False AvgBacktrackTime=0

7PH4.txt Time=Infinitys Backtracks=17832 Assignments=17845 Solved=False AvgBacktrackTime=0

7PH5.txt Time=Infinitys Backtracks=178320 Assignments=178450 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 44137.0 Avg Assignments: 44201.4

8 [('NKT',), 'None', 'LCV']

8PE1.txt Time=0.03293275833129883s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.03293

8PE2.txt Time=0.05103719234466553s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.01276

8PE3.txt Time=0.1872309923171997s Backtracks=33 Assignments=40 Solved=True  
AvgBacktrackTime=0.005674

8PE4.txt Time=0.0441253662109375s Backtracks=3 Assignments=8 Solved=True  
AvgBacktrackTime=0.01471

8PE5.txt Time=0.021915149688720704s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06744 Avg Backtracks: 8.2 Avg Assignments: 13.0

8PM1.txt Time=4.314885795116425s Backtracks=410 Assignments=428 Solved=True  
AvgBacktrackTime=0.01052

8PM2.txt Time=0.5281691551208496s Backtracks=3 Assignments=40 Solved=True  
AvgBacktrackTime=0.1761

8PM3.txt Time=0.673578679561615s Backtracks=35 Assignments=64 Solved=True  
AvgBacktrackTime=0.01925

8PM4.txt Time=Infinitys Backtracks=4947 Assignments=4980 Solved=False AvgBacktrackTime=0

8PM5.txt Time=7.652239382266998s Backtracks=668 Assignments=682 Solved=True  
AvgBacktrackTime=0.01146

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1212.6 Avg Assignments: 1238.8

8PH1.txt Time=16.652371883392334s Backtracks=401 Assignments=559 Solved=True  
AvgBacktrackTime=0.04153

8PH2.txt Time=6.476794481277466s Backtracks=215 Assignments=229 Solved=True  
AvgBacktrackTime=0.03012

8PH3.txt Time=Infinitys Backtracks=18279 Assignments=18304 Solved=False AvgBacktrackTime=0

8PH4.txt Time=Infinitys Backtracks=18215 Assignments=18237 Solved=False AvgBacktrackTime=0

8PH5.txt Time=Infinitys Backtracks=182150 Assignments=182370 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 43852.0 Avg Assignments: 43939.8

9 [(['NKT',), 'MRV', 'None']

9PE1.txt Time=0.03800978660583496s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.007602

9PE2.txt Time=0.04464974403381348s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.008930

9PE3.txt Time=0.12854232788085937s Backtracks=21 Assignments=28 Solved=True  
AvgBacktrackTime=0.006121

9PE4.txt Time=0.04321188926696777s Backtracks=2 Assignments=8 Solved=True  
AvgBacktrackTime=0.02161

9PE5.txt Time=0.02221388816833496s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.004443

Solution:5/5

:Avg runtime: 0.05532 Avg Backtracks: 7.6 Avg Assignments: 12.6

9PM1.txt Time=1.2966695427894592s Backtracks=94 Assignments=114 Solved=True  
AvgBacktrackTime=0.01379

9PM2.txt Time=0.48802924156188965s Backtracks=12 Assignments=43 Solved=True  
AvgBacktrackTime=0.04067

9PM3.txt Time=3.3184884786605835s Backtracks=250 Assignments=284 Solved=True  
AvgBacktrackTime=0.01327

9PM4.txt Time=0.6213763952255249s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=0.6214

9PM5.txt Time=3.0288310050964355s Backtracks=242 Assignments=256 Solved=True  
AvgBacktrackTime=0.01252

Solution:5/5

:Avg runtime: 1.751 Avg Backtracks: 119.8 Avg Assignments: 148.4

9PH1.txt Time=5.573627471923828s Backtracks=4 Assignments=169 Solved=True  
AvgBacktrackTime=1.393

9PH2.txt Time=1.7940125465393066s Backtracks=34 Assignments=53 Solved=True  
AvgBacktrackTime=0.05277

9PH3.txt Time=284.7905807495117s Backtracks=7439 Assignments=7458 Solved=True  
AvgBacktrackTime=0.03828

9PH4.txt Time=Infinitys Backtracks=16291 Assignments=16314 Solved=False AvgBacktrackTime=0

9PH5.txt Time=Infinitys Backtracks=162910 Assignments=163140 Solved=False AvgBacktrackTime=0

Solution:3/5



:Avg runtime: Infinity Avg Backtracks: 37335.6 Avg Assignments: 37426.8

10 [('NKT',), 'MRV', 'LCV']

10PE1.txt Time=0.034201192855834964s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.03420

10PE2.txt Time=0.050773239135742186s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.01015

10PE3.txt Time=0.12123041152954102s Backtracks=19 Assignments=26 Solved=True  
AvgBacktrackTime=0.006381

10PE4.txt Time=0.039731740951538086s Backtracks=0 Assignments=6 Solved=True  
AvgBacktrackTime=0

10PE5.txt Time=0.02208998203277588s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0536 Avg Backtracks: 5.0 Avg Assignments: 10.0

10PM1.txt Time=1.188145101070404s Backtracks=86 Assignments=106 Solved=True  
AvgBacktrackTime=0.01382

10PM2.txt Time=0.6517546772956848s Backtracks=7 Assignments=51 Solved=True  
AvgBacktrackTime=0.09311

10PM3.txt Time=0.6996901631355286s Backtracks=18 Assignments=53 Solved=True  
AvgBacktrackTime=0.03887

10PM4.txt Time=0.7639440298080444s Backtracks=16 Assignments=60 Solved=True  
AvgBacktrackTime=0.04775

10PM5.txt Time=3.427651524543762s Backtracks=270 Assignments=284 Solved=True  
AvgBacktrackTime=0.01270

Solution:5/5

:Avg runtime: 1.346 Avg Backtracks: 79.4 Avg Assignments: 110.8

10PH1.txt Time=5.896251201629639s Backtracks=5 Assignments=178 Solved=True  
AvgBacktrackTime=1.179

10PH2.txt Time=6.5046374797821045s Backtracks=177 Assignments=196 Solved=True  
AvgBacktrackTime=0.03675

10PH3.txt Time=283.7698075771332s Backtracks=7389 Assignments=7408 Solved=True  
AvgBacktrackTime=0.03840

10PH4.txt Time=Infinitys Backtracks=16322 Assignments=16344 Solved=False AvgBacktrackTime=0

10PH5.txt Time=Infinitys Backtracks=163220 Assignments=163440 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 37422.6 Avg Assignments: 37513.2

11 [(['NKT',), 'DH', 'None']

11PE1.txt Time=0.06753690242767334s Backtracks=8 Assignments=13 Solved=True  
AvgBacktrackTime=0.008442

11PE2.txt Time=0.0979398250579834s Backtracks=15 Assignments=21 Solved=True  
AvgBacktrackTime=0.006529

11PE3.txt Time=0.7833784103393555s Backtracks=152 Assignments=160 Solved=True  
AvgBacktrackTime=0.005154

11PE4.txt Time=0.09981186389923095s Backtracks=19 Assignments=24 Solved=True  
AvgBacktrackTime=0.005253

11PE5.txt Time=0.050800538063049315s Backtracks=9 Assignments=12 Solved=True  
AvgBacktrackTime=0.005645

Solution:5/5

:Avg runtime: 0.220 Avg Backtracks: 40.6 Avg Assignments: 46.0

11PM1.txt Time=Infinitys Backtracks=5503 Assignments=5514 Solved=False AvgBacktrackTime=0

11PM2.txt Time=Infinitys Backtracks=5654 Assignments=5669 Solved=False AvgBacktrackTime=0

11PM3.txt Time=Infinitys Backtracks=5559 Assignments=5583 Solved=False AvgBacktrackTime=0

11PM4.txt Time=Infinitys Backtracks=5257 Assignments=5284 Solved=False AvgBacktrackTime=0

11PM5.txt Time=Infinitys Backtracks=5566 Assignments=5574 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 5507.8 Avg Assignments: 5524.8

11PH1.txt Time=Infinitys Backtracks=10182 Assignments=10310 Solved=False AvgBacktrackTime=0

11PH2.txt Time=Infinitys Backtracks=10467 Assignments=10476 Solved=False AvgBacktrackTime=0

11PH3.txt Time=Infinitys Backtracks=17989 Assignments=18011 Solved=False AvgBacktrackTime=0

11PH4.txt Time=Infinitys Backtracks=18596 Assignments=18614 Solved=False AvgBacktrackTime=0

11PH5.txt Time=Infinitys Backtracks=185960 Assignments=186140 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 48638.8 Avg Assignments: 48710.2

12 [('NKT',), 'DH', 'LCV']

12PE1.txt Time=0.04571301937103271s Backtracks=1 Assignments=6 Solved=True  
AvgBacktrackTime=0.04571

12PE2.txt Time=0.08480372428894042s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.009423

12PE3.txt Time=0.8158895969390869s Backtracks=157 Assignments=165 Solved=True  
AvgBacktrackTime=0.005197

12PE4.txt Time=0.12360508441925049s Backtracks=21 Assignments=26 Solved=True  
AvgBacktrackTime=0.005886

12PE5.txt Time=0.05373430252075195s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.01075

Solution:5/5

:Avg runtime: 0.2248 Avg Backtracks: 38.6 Avg Assignments: 44.0

12PM1.txt Time=Infinity Backtracks=5451 Assignments=5468 Solved=False AvgBacktrackTime=0

12PM2.txt Time=Infinity Backtracks=5276 Assignments=5303 Solved=False AvgBacktrackTime=0

12PM3.txt Time=Infinity Backtracks=5362 Assignments=5393 Solved=False AvgBacktrackTime=0

12PM4.txt Time=Infinity Backtracks=5125 Assignments=5159 Solved=False AvgBacktrackTime=0

12PM5.txt Time=Infinity Backtracks=5476 Assignments=5483 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 5338.0 Avg Assignments: 5361.2

12PH1.txt Time=Infinity Backtracks=10109 Assignments=10253 Solved=False AvgBacktrackTime=0

12PH2.txt Time=Infinity Backtracks=10386 Assignments=10397 Solved=False AvgBacktrackTime=0

12PH3.txt Time=Infinity Backtracks=17909 Assignments=17934 Solved=False AvgBacktrackTime=0

12PH4.txt Time=Infinity Backtracks=18692 Assignments=18711 Solved=False AvgBacktrackTime=0

12PH5.txt Time=Infinity Backtracks=186920 Assignments=187110 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 48803.2 Avg Assignments: 48881.0

13 [('NKD',), 'None', 'None']

13PE1.txt Time=0.03126397132873535s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.005211

13PE2.txt Time=0.040304827690124514s Backtracks=8 Assignments=13 Solved=True  
AvgBacktrackTime=0.005038

13PE3.txt Time=0.14797258377075195s Backtracks=37 Assignments=46 Solved=True  
AvgBacktrackTime=0.003999

13PE4.txt Time=0.032509875297546384s Backtracks=2 Assignments=8 Solved=True  
AvgBacktrackTime=0.01625

13PE5.txt Time=0.018644380569458007s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.003107

Solution:5/5

:Avg runtime: 0.05412 Avg Backtracks: 11.8 Avg Assignments: 17.4

13PM1.txt Time=0.6464928984642029s Backtracks=80 Assignments=90 Solved=True  
AvgBacktrackTime=0.008081

13PM2.txt Time=Infinitys Backtracks=7695 Assignments=7719 Solved=False AvgBacktrackTime=0

13PM3.txt Time=1.1440314650535583s Backtracks=146 Assignments=169 Solved=True  
AvgBacktrackTime=0.007836

13PM4.txt Time=31.617116570472717s Backtracks=4164 Assignments=4200 Solved=True  
AvgBacktrackTime=0.007593

13PM5.txt Time=4.492458462715149s Backtracks=592 Assignments=607 Solved=True  
AvgBacktrackTime=0.007589

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2535.4 Avg Assignments: 2557.0

13PH1.txt Time=132.67609691619873s Backtracks=10463 Assignments=10619 Solved=True  
AvgBacktrackTime=0.01268

13PH2.txt Time=2.5576817989349365s Backtracks=157 Assignments=169 Solved=True  
AvgBacktrackTime=0.01629

13PH3.txt Time=489.18031454086304s Backtracks=25988 Assignments=26005 Solved=True  
AvgBacktrackTime=0.01882

13PH4.txt Time=487.5913710594177s Backtracks=25904 Assignments=25922 Solved=True  
AvgBacktrackTime=0.01882

13PH5.txt Time=Infinitys Backtracks=259040 Assignments=259220 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 64310.4 Avg Assignments: 64387.0

14 [('NKD',), 'None', 'LCV']

14PE1.txt Time=0.03131327629089355s Backtracks=1 Assignments=6 Solved=True  
AvgBacktrackTime=0.03131

14PE2.txt Time=0.03930938243865967s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.009827

14PE3.txt Time=0.1414029359817505s Backtracks=37 Assignments=46 Solved=True  
AvgBacktrackTime=0.003822

14PE4.txt Time=0.03258726596832275s Backtracks=2 Assignments=8 Solved=True  
AvgBacktrackTime=0.01629

14PE5.txt Time=0.01836841106414795s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.01837

Solution:5/5

:Avg runtime: 0.0526 Avg Backtracks: 9.0 Avg Assignments: 14.6

14PM1.txt Time=0.2616918683052063s Backtracks=23 Assignments=33 Solved=True  
AvgBacktrackTime=0.01138

14PM2.txt Time=0.3287263512611389s Backtracks=11 Assignments=43 Solved=True  
AvgBacktrackTime=0.02988

14PM3.txt Time=3.9848872423171997s Backtracks=571 Assignments=604 Solved=True  
AvgBacktrackTime=0.006979

14PM4.txt Time=Infinitys Backtracks=7473 Assignments=7504 Solved=False AvgBacktrackTime=0

14PM5.txt Time=6.4413095116615295s Backtracks=838 Assignments=853 Solved=True  
AvgBacktrackTime=0.007687

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1783.2 Avg Assignments: 1807.4

14PH1.txt Time=13.26000428199768s Backtracks=894 Assignments=1049 Solved=True  
AvgBacktrackTime=0.01483

14PH2.txt Time=6.094747066497803s Backtracks=357 Assignments=369 Solved=True  
AvgBacktrackTime=0.01707

14PH3.txt Time=Infinitys Backtracks=31867 Assignments=31888 Solved=False AvgBacktrackTime=0

14PH4.txt Time=267.5714604854584s Backtracks=14584 Assignments=14602 Solved=True  
AvgBacktrackTime=0.01835

14PH5.txt Time=Infinitys Backtracks=145840 Assignments=146020 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 38708.4 Avg Assignments: 38785.6

15 [('NKD',), 'MRV', 'None']

15PE1.txt Time=0.030987811088562012s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.006198

15PE2.txt Time=0.046768999099731444s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.005846

15PE3.txt Time=0.12447953224182129s Backtracks=26 Assignments=35 Solved=True  
AvgBacktrackTime=0.004788

15PE4.txt Time=0.032374095916748044s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.01079

15PE5.txt Time=0.018604278564453125s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.003101

Solution:5/5

:Avg runtime: 0.05064 Avg Backtracks: 9.6 Avg Assignments: 15.2

15PM1.txt Time=0.27544504404067993s Backtracks=21 Assignments=35 Solved=True  
AvgBacktrackTime=0.01312

15PM2.txt Time=0.4427521228790283s Backtracks=25 Assignments=66 Solved=True  
AvgBacktrackTime=0.01771

15PM3.txt Time=0.9503190517425537s Backtracks=94 Assignments=125 Solved=True  
AvgBacktrackTime=0.01011

15PM4.txt Time=0.36011940240859985s Backtracks=2 Assignments=47 Solved=True  
AvgBacktrackTime=0.1801

15PM5.txt Time=3.017379879951477s Backtracks=375 Assignments=391 Solved=True  
AvgBacktrackTime=0.008046

Solution:5/5

:Avg runtime: 1.009 Avg Backtracks: 103.4 Avg Assignments: 132.8

15PH1.txt Time=2.4662201404571533s Backtracks=3 Assignments=167 Solved=True  
AvgBacktrackTime=0.8221

15PH2.txt Time=0.5332314968109131s Backtracks=13 Assignments=29 Solved=True  
AvgBacktrackTime=0.04102

15PH3.txt Time=161.49579763412476s Backtracks=8466 Assignments=8489 Solved=True  
AvgBacktrackTime=0.01908

15PH4.txt Time=46.11230731010437s Backtracks=2388 Assignments=2407 Solved=True  
AvgBacktrackTime=0.01931

15PH5.txt Time=Infinitys Backtracks=33411 Assignments=33432 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 8856.2 Avg Assignments: 8904.8

16 [(['NKD',), 'MRV', 'LCV']

16PE1.txt Time=0.026801705360412598s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.02680

16PE2.txt Time=0.05050792694091797s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.007215



16PE3.txt Time=0.10245816707611084s Backtracks=19 Assignments=28 Solved=True  
AvgBacktrackTime=0.005393

16PE4.txt Time=0.03311467170715332s Backtracks=2 Assignments=8 Solved=True  
AvgBacktrackTime=0.01656

16PE5.txt Time=0.01845712661743164s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.01846

Solution:5/5

:Avg runtime: 0.04628 Avg Backtracks: 6.0 Avg Assignments: 11.6

16PM1.txt Time=0.20903688669204712s Backtracks=12 Assignments=26 Solved=True  
AvgBacktrackTime=0.01742

16PM2.txt Time=0.5387411117553711s Backtracks=36 Assignments=76 Solved=True  
AvgBacktrackTime=0.01497

16PM3.txt Time=0.47135740518569946s Backtracks=26 Assignments=64 Solved=True  
AvgBacktrackTime=0.01813

16PM4.txt Time=0.7243829965591431s Backtracks=40 Assignments=92 Solved=True  
AvgBacktrackTime=0.01811

16PM5.txt Time=4.790803790092468s Backtracks=601 Assignments=617 Solved=True  
AvgBacktrackTime=0.007971

Solution:5/5

:Avg runtime: 1.347 Avg Backtracks: 143.0 Avg Assignments: 175.0

16PH1.txt Time=2.695343255996704s Backtracks=6 Assignments=179 Solved=True  
AvgBacktrackTime=0.4492

16PH2.txt Time=1.4681622982025146s Backtracks=67 Assignments=83 Solved=True  
AvgBacktrackTime=0.02191

16PH3.txt Time=75.67391514778137s Backtracks=4041 Assignments=4064 Solved=True  
AvgBacktrackTime=0.01873

16PH4.txt Time=55.10010623931885s Backtracks=2893 Assignments=2912 Solved=True  
AvgBacktrackTime=0.01905

16PH5.txt Time=Infinitys Backtracks=28930 Assignments=29120 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7187.4 Avg Assignments: 7271.6

17 [('NKD',), 'DH', 'None']

17PE1.txt Time=0.06670403480529785s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.006670

17PE2.txt Time=0.2501840353012085s Backtracks=60 Assignments=68 Solved=True  
AvgBacktrackTime=0.004170

17PE3.txt Time=0.21844875812530518s Backtracks=54 Assignments=61 Solved=True  
AvgBacktrackTime=0.004045

17PE4.txt Time=0.07855169773101807s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.004364

17PE5.txt Time=0.04356203079223633s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.004356

Solution:5/5

:Avg runtime: 0.1315 Avg Backtracks: 30.4 Avg Assignments: 36.0

17PM1.txt Time=Infinitys Backtracks=8137 Assignments=8148 Solved=False AvgBacktrackTime=0

17PM2.txt Time=Infinitys Backtracks=8099 Assignments=8121 Solved=False AvgBacktrackTime=0

17PM3.txt Time=Infinitys Backtracks=8663 Assignments=8686 Solved=False AvgBacktrackTime=0

17PM4.txt Time=Infinitys Backtracks=7714 Assignments=7739 Solved=False AvgBacktrackTime=0

17PM5.txt Time=44.93642371892929s Backtracks=5944 Assignments=5954 Solved=True  
AvgBacktrackTime=0.007560

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 7711.4 Avg Assignments: 7729.6

17PH1.txt Time=Infinitys Backtracks=16688 Assignments=16832 Solved=False AvgBacktrackTime=0  
17PH2.txt Time=Infinitys Backtracks=17109 Assignments=17122 Solved=False AvgBacktrackTime=0  
17PH3.txt Time=Infinitys Backtracks=32054 Assignments=32074 Solved=False AvgBacktrackTime=0  
17PH4.txt Time=Infinitys Backtracks=31714 Assignments=31735 Solved=False AvgBacktrackTime=0  
17PH5.txt Time=Infinitys Backtracks=317140 Assignments=317350 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 82941.0 Avg Assignments: 83022.6

18 [('NKD',), 'DH', 'LCV']

18PE1.txt Time=0.03715965747833252s Backtracks=1 Assignments=6 Solved=True  
AvgBacktrackTime=0.03716

18PE2.txt Time=0.10435378551483154s Backtracks=21 Assignments=29 Solved=True  
AvgBacktrackTime=0.004969

18PE3.txt Time=0.11674795150756836s Backtracks=22 Assignments=29 Solved=True  
AvgBacktrackTime=0.005307

18PE4.txt Time=0.07025623321533203s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.007026

18PE5.txt Time=0.04381546974182129s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.008763

Solution:5/5

:Avg runtime: 0.07446 Avg Backtracks: 11.8 Avg Assignments: 17.4

18PM1.txt Time=Infinitys Backtracks=8178 Assignments=8189 Solved=False AvgBacktrackTime=0

18PM2.txt Time=Infinitys Backtracks=8337 Assignments=8363 Solved=False AvgBacktrackTime=0

18PM3.txt Time=Infinitys Backtracks=8077 Assignments=8111 Solved=False AvgBacktrackTime=0

18PM4.txt Time=Infinitys Backtracks=7800 Assignments=7836 Solved=False AvgBacktrackTime=0

18PM5.txt Time=44.91908550262451s Backtracks=6100 Assignments=6110 Solved=True  
AvgBacktrackTime=0.007364

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 7698.4 Avg Assignments: 7721.8

18PH1.txt Time=Infinitys Backtracks=16681 Assignments=16838 Solved=False AvgBacktrackTime=0

18PH2.txt Time=Infinitys Backtracks=17035 Assignments=17046 Solved=False AvgBacktrackTime=0

18PH3.txt Time=Infinitys Backtracks=32241 Assignments=32261 Solved=False AvgBacktrackTime=0

18PH4.txt Time=Infinitys Backtracks=31747 Assignments=31770 Solved=False AvgBacktrackTime=0

18PH5.txt Time=Infinitys Backtracks=317470 Assignments=317700 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 83034.8 Avg Assignments: 83123.0

19 [(['NKD', 'NKT'), 'None', 'None']

19PE1.txt Time=0.03216092586517334s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.008040

19PE2.txt Time=0.041376280784606936s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.01034

19PE3.txt Time=0.10473220348358155s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.008728

19PE4.txt Time=0.036545825004577634s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.01827

19PE5.txt Time=0.02102506160736084s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.004205

Solution:5/5

:Avg runtime: 0.04716 Avg Backtracks: 5.4 Avg Assignments: 8.8

19PM1.txt Time=0.49844056367874146s Backtracks=31 Assignments=38 Solved=True  
AvgBacktrackTime=0.01608

19PM2.txt Time=Infinitys Backtracks=4203 Assignments=4227 Solved=False AvgBacktrackTime=0

19PM3.txt Time=0.5847625136375427s Backtracks=26 Assignments=43 Solved=True  
AvgBacktrackTime=0.02249

19PM4.txt Time=0.6206061244010925s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.2069

19PM5.txt Time=0.8156580924987793s Backtracks=56 Assignments=63 Solved=True  
AvgBacktrackTime=0.01457

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 863.8 Avg Assignments: 881.4

19PH1.txt Time=257.7340202331543s Backtracks=6583 Assignments=6732 Solved=True  
AvgBacktrackTime=0.03915

19PH2.txt Time=0.6403141021728516s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.05336

19PH3.txt Time=81.67606115341187s Backtracks=1947 Assignments=1960 Solved=True  
AvgBacktrackTime=0.04195

19PH4.txt Time=315.498295545578s Backtracks=8104 Assignments=8118 Solved=True  
AvgBacktrackTime=0.03893

19PH5.txt Time=Infinitys Backtracks=81040 Assignments=81180 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 19537.2 Avg Assignments: 19601.8

20 [('NKD', 'NKT'), 'None', 'LCV']

20PE1.txt Time=0.029404854774475096s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

20PE2.txt Time=0.044435977935791016s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.02222

20PE3.txt Time=0.10132372379302979s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.01013

20PE4.txt Time=0.057920217514038086s Backtracks=3 Assignments=7 Solved=True  
AvgBacktrackTime=0.01931

20PE5.txt Time=0.020551013946533202s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.05074 Avg Backtracks: 3.0 Avg Assignments: 6.4

20PM1.txt Time=0.22663038969039917s Backtracks=7 Assignments=14 Solved=True  
AvgBacktrackTime=0.03238

20PM2.txt Time=0.5270876288414001s Backtracks=1 Assignments=31 Solved=True  
AvgBacktrackTime=0.5271

20PM3.txt Time=2.077393054962158s Backtracks=93 Assignments=122 Solved=True  
AvgBacktrackTime=0.02234

20PM4.txt Time=Infinitys Backtracks=4207 Assignments=4236 Solved=False AvgBacktrackTime=0

20PM5.txt Time=0.8894836902618408s Backtracks=56 Assignments=63 Solved=True  
AvgBacktrackTime=0.01588

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 872.8 Avg Assignments: 893.2

20PH1.txt Time=20.442756414413452s Backtracks=395 Assignments=547 Solved=True  
AvgBacktrackTime=0.05175

20PH2.txt Time=1.3939785957336426s Backtracks=29 Assignments=36 Solved=True  
AvgBacktrackTime=0.04807

20PH3.txt Time=75.82040071487427s Backtracks=1821 Assignments=1834 Solved=True  
AvgBacktrackTime=0.04164

20PH4.txt Time=150.64719104766846s Backtracks=3889 Assignments=3903 Solved=True  
AvgBacktrackTime=0.03874

20PH5.txt Time=Infinitys Backtracks=38890 Assignments=39030 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 9004.8 Avg Assignments: 9070.0

21 [('NKD', 'NKT'), 'MRV', 'None']

21PE1.txt Time=0.03217062950134277s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.008043

21PE2.txt Time=0.04566502571105957s Backtracks=3 Assignments=7 Solved=True  
AvgBacktrackTime=0.01522

21PE3.txt Time=0.08981993198394775s Backtracks=8 Assignments=13 Solved=True  
AvgBacktrackTime=0.01123

21PE4.txt Time=0.0404951810836792s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.02025

21PE5.txt Time=0.020965266227722167s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.004193

Solution:5/5

:Avg runtime: 0.04584 Avg Backtracks: 4.4 Avg Assignments: 8.0

21PM1.txt Time=0.22577625513076782s Backtracks=7 Assignments=15 Solved=True  
AvgBacktrackTime=0.03225

21PM2.txt Time=0.5961967706680298s Backtracks=9 Assignments=39 Solved=True  
AvgBacktrackTime=0.06624

21PM3.txt Time=0.8728880286216736s Backtracks=30 Assignments=58 Solved=True  
AvgBacktrackTime=0.02910

21PM4.txt Time=0.7445570826530457s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=0.7446

21PM5.txt Time=1.4008965492248535s Backtracks=87 Assignments=94 Solved=True  
AvgBacktrackTime=0.01610

Solution:5/5

:Avg runtime: 0.7682 Avg Backtracks: 26.8 Avg Assignments: 49.6

21PH1.txt Time=6.834631681442261s Backtracks=3 Assignments=166 Solved=True  
AvgBacktrackTime=2.278

21PH2.txt Time=0.6320071220397949s Backtracks=9 Assignments=17 Solved=True  
AvgBacktrackTime=0.07022

21PH3.txt Time=58.657466173172s Backtracks=1308 Assignments=1320 Solved=True  
AvgBacktrackTime=0.04485

21PH4.txt Time=20.13857412338257s Backtracks=423 Assignments=439 Solved=True  
AvgBacktrackTime=0.04761

21PH5.txt Time=215.0255572795868s Backtracks=5387 Assignments=5406 Solved=True  
AvgBacktrackTime=0.03992

Solution:5/5

:Avg runtime: 60.26 Avg Backtracks: 1426.0 Avg Assignments: 1469.6

22 [('NKD', 'NKT'), 'MRV', 'LCV']

22PE1.txt Time=0.029132080078125s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

22PE2.txt Time=0.05185933113098144s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.02593

22PE3.txt Time=0.08468484878540039s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.01411

22PE4.txt Time=0.03769378662109375s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.03769

22PE5.txt Time=0.02068660259246826s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.04482 Avg Backtracks: 1.8 Avg Assignments: 5.4



22PM1.txt Time=0.26737427711486816s Backtracks=7 Assignments=15 Solved=True  
AvgBacktrackTime=0.03820

22PM2.txt Time=0.7116514444351196s Backtracks=9 Assignments=43 Solved=True  
AvgBacktrackTime=0.07907

22PM3.txt Time=0.5971459746360779s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.1990

22PM4.txt Time=0.8610902428627014s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.1435

22PM5.txt Time=1.4471813440322876s Backtracks=85 Assignments=92 Solved=True  
AvgBacktrackTime=0.01703

Solution:5/5

:Avg runtime: 0.7768 Avg Backtracks: 22.0 Avg Assignments: 47.2

22PH1.txt Time=7.062765598297119s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

22PH2.txt Time=0.8612499237060547s Backtracks=12 Assignments=20 Solved=True  
AvgBacktrackTime=0.07177

22PH3.txt Time=26.31856870651245s Backtracks=597 Assignments=609 Solved=True  
AvgBacktrackTime=0.04408

22PH4.txt Time=46.991493940353394s Backtracks=1037 Assignments=1053 Solved=True  
AvgBacktrackTime=0.04531

22PH5.txt Time=237.26999354362488s Backtracks=5964 Assignments=5983 Solved=True  
AvgBacktrackTime=0.03978

Solution:5/5

:Avg runtime: 63.7 Avg Backtracks: 1522.0 Avg Assignments: 1567.0

23 [('NKD', 'NKT'), 'DH', 'None']

23PE1.txt Time=0.056220197677612306s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.009370

23PE2.txt Time=0.03697764873504639s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.009244

23PE3.txt Time=0.10818307399749756s Backtracks=13 Assignments=17 Solved=True  
AvgBacktrackTime=0.008322

23PE4.txt Time=0.07026135921478271s Backtracks=12 Assignments=15 Solved=True  
AvgBacktrackTime=0.005855

23PE5.txt Time=0.03991489410400391s Backtracks=8 Assignments=10 Solved=True  
AvgBacktrackTime=0.004989

Solution:5/5

:Avg runtime: 0.06232 Avg Backtracks: 8.6 Avg Assignments: 11.6

23PM1.txt Time=53.91010510921478s Backtracks=4409 Assignments=4422 Solved=True  
AvgBacktrackTime=0.01223

23PM2.txt Time=Infinitys Backtracks=5084 Assignments=5101 Solved=False AvgBacktrackTime=0

23PM3.txt Time=Infinitys Backtracks=5164 Assignments=5182 Solved=False AvgBacktrackTime=0

23PM4.txt Time=Infinitys Backtracks=4675 Assignments=4696 Solved=False AvgBacktrackTime=0

23PM5.txt Time=6.716586053371429s Backtracks=520 Assignments=526 Solved=True  
AvgBacktrackTime=0.01292

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3970.4 Avg Assignments: 3985.4

23PH1.txt Time=Infinitys Backtracks=8394 Assignments=8523 Solved=False AvgBacktrackTime=0

23PH2.txt Time=1.141362190246582s Backtracks=24 Assignments=31 Solved=True  
AvgBacktrackTime=0.04756

23PH3.txt Time=Infinitys Backtracks=17349 Assignments=17363 Solved=False AvgBacktrackTime=0

23PH4.txt Time=Infinitys Backtracks=16988 Assignments=17004 Solved=False AvgBacktrackTime=0

23PH5.txt Time=Infinitys Backtracks=169880 Assignments=170040 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 42527.0 Avg Assignments: 42592.2

24 [('NKD', 'NKT'), 'DH', 'LCV']

24PE1.txt Time=0.037967681884765625s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.03797

24PE2.txt Time=0.031050467491149904s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

24PE3.txt Time=0.07760889530181884s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.01109

24PE4.txt Time=0.07612709999084473s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.01269

24PE5.txt Time=0.03938591480255127s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01313

Solution:5/5

:Avg runtime: 0.05242 Avg Backtracks: 3.4 Avg Assignments: 6.4

24PM1.txt Time=Infinitys Backtracks=4890 Assignments=4896 Solved=False AvgBacktrackTime=0

24PM2.txt Time=Infinitys Backtracks=5110 Assignments=5133 Solved=False AvgBacktrackTime=0

24PM3.txt Time=41.984000861644745s Backtracks=3365 Assignments=3392 Solved=True  
AvgBacktrackTime=0.01248

24PM4.txt Time=Infinitys Backtracks=4632 Assignments=4661 Solved=False AvgBacktrackTime=0

24PM5.txt Time=8.726899206638336s Backtracks=703 Assignments=709 Solved=True  
AvgBacktrackTime=0.01241

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3740.0 Avg Assignments: 3758.2

24PH1.txt Time=Infinitys Backtracks=7570 Assignments=7718 Solved=False AvgBacktrackTime=0  
24PH2.txt Time=2.225957155227661s Backtracks=60 Assignments=67 Solved=True  
AvgBacktrackTime=0.03710  
24PH3.txt Time=Infinitys Backtracks=17677 Assignments=17693 Solved=False AvgBacktrackTime=0  
24PH4.txt Time=Infinitys Backtracks=18423 Assignments=18442 Solved=False AvgBacktrackTime=0  
24PH5.txt Time=Infinitys Backtracks=184230 Assignments=184420 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 45592.0 Avg Assignments: 45668.0

25 [('NKT', 'NKD'), 'None', 'None']

25PE1.txt Time=0.029331207275390625s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.009777  
25PE2.txt Time=0.037347841262817386s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.01245  
25PE3.txt Time=0.12335016727447509s Backtracks=14 Assignments=18 Solved=True  
AvgBacktrackTime=0.008811  
25PE4.txt Time=0.029662132263183594s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0  
25PE5.txt Time=0.02081131935119629s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.005203

Solution:5/5

:Avg runtime: 0.0481 Avg Backtracks: 4.8 Avg Assignments: 7.8

25PM1.txt Time=0.6272140145301819s Backtracks=36 Assignments=43 Solved=True  
AvgBacktrackTime=0.01742  
25PM2.txt Time=Infinitys Backtracks=3930 Assignments=3955 Solved=False AvgBacktrackTime=0  
25PM3.txt Time=0.4077579975128174s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.03707

25PM4.txt Time=0.5979604125022888s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=0.2990

25PM5.txt Time=2.8696576952934265s Backtracks=178 Assignments=185 Solved=True  
AvgBacktrackTime=0.01612

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 831.4 Avg Assignments: 849.2

25PH1.txt Time=260.0412509441376s Backtracks=6663 Assignments=6812 Solved=True  
AvgBacktrackTime=0.03903

25PH2.txt Time=0.5610296726226807s Backtracks=7 Assignments=14 Solved=True  
AvgBacktrackTime=0.08015

25PH3.txt Time=87.81390070915222s Backtracks=1848 Assignments=1861 Solved=True  
AvgBacktrackTime=0.04752

25PH4.txt Time=412.6784031391144s Backtracks=9153 Assignments=9167 Solved=True  
AvgBacktrackTime=0.04509

25PH5.txt Time=Infinitys Backtracks=91530 Assignments=91670 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 21840.2 Avg Assignments: 21904.8

26 [('NKT', 'NKD'), 'None', 'LCV']

26PE1.txt Time=0.034099030494689944s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.03410

26PE2.txt Time=0.04410858154296875s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.02205

26PE3.txt Time=0.11950688362121582s Backtracks=12 Assignments=16 Solved=True  
AvgBacktrackTime=0.009959

26PE4.txt Time=0.04542629718780518s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

26PE5.txt Time=0.021100354194641114s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.05284 Avg Backtracks: 3.0 Avg Assignments: 6.0

26PM1.txt Time=0.19849348068237305s Backtracks=6 Assignments=13 Solved=True  
AvgBacktrackTime=0.03308

26PM2.txt Time=0.5762069821357727s Backtracks=1 Assignments=33 Solved=True  
AvgBacktrackTime=0.5762

26PM3.txt Time=1.8421175479888916s Backtracks=82 Assignments=110 Solved=True  
AvgBacktrackTime=0.02246

26PM4.txt Time=Infinitys Backtracks=3761 Assignments=3790 Solved=False AvgBacktrackTime=0

26PM5.txt Time=2.9623153805732727s Backtracks=180 Assignments=187 Solved=True  
AvgBacktrackTime=0.01646

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 806.0 Avg Assignments: 826.6

26PH1.txt Time=20.392542839050293s Backtracks=398 Assignments=550 Solved=True  
AvgBacktrackTime=0.05124

26PH2.txt Time=1.2689433097839355s Backtracks=23 Assignments=30 Solved=True  
AvgBacktrackTime=0.05517

26PH3.txt Time=62.705936670303345s Backtracks=1303 Assignments=1316 Solved=True  
AvgBacktrackTime=0.04812

26PH4.txt Time=160.03986406326294s Backtracks=3597 Assignments=3611 Solved=True  
AvgBacktrackTime=0.04449

26PH5.txt Time=Infinitys Backtracks=35970 Assignments=36110 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 8258.2 Avg Assignments: 8323.4

27 [('NKT', 'NKD'), 'MRV', 'None']

27PE1.txt Time=0.029026556015014648s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.009676

27PE2.txt Time=0.04441068172454834s Backtracks=3 Assignments=7 Solved=True  
AvgBacktrackTime=0.01480

27PE3.txt Time=0.0982506275177002s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.008932

27PE4.txt Time=0.03551492691040039s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

27PE5.txt Time=0.020889949798583985s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.005222

Solution:5/5

:Avg runtime: 0.04562 Avg Backtracks: 4.2 Avg Assignments: 7.4

27PM1.txt Time=0.2196761965751648s Backtracks=7 Assignments=16 Solved=True  
AvgBacktrackTime=0.03138

27PM2.txt Time=0.5798981785774231s Backtracks=9 Assignments=39 Solved=True  
AvgBacktrackTime=0.06443

27PM3.txt Time=0.8541342616081238s Backtracks=27 Assignments=53 Solved=True  
AvgBacktrackTime=0.03163

27PM4.txt Time=0.7584007382392883s Backtracks=2 Assignments=43 Solved=True  
AvgBacktrackTime=0.3792

27PM5.txt Time=1.5505492091178894s Backtracks=90 Assignments=97 Solved=True  
AvgBacktrackTime=0.01723

Solution:5/5

:Avg runtime: 0.7926 Avg Backtracks: 27.0 Avg Assignments: 49.6

27PH1.txt Time=6.796313524246216s Backtracks=3 Assignments=166 Solved=True  
AvgBacktrackTime=2.265

27PH2.txt Time=0.5021519660949707s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1004

27PH3.txt Time=64.23638010025024s Backtracks=1335 Assignments=1345 Solved=True  
AvgBacktrackTime=0.04812

27PH4.txt Time=23.094382286071777s Backtracks=453 Assignments=469 Solved=True  
AvgBacktrackTime=0.05098

27PH5.txt Time=234.03949451446533s Backtracks=5200 Assignments=5218 Solved=True  
AvgBacktrackTime=0.04501

Solution:5/5

:Avg runtime: 65.74 Avg Backtracks: 1399.2 Avg Assignments: 1442.0

28 [('NKT', 'NKD'), 'MRV', 'LCV']

28PE1.txt Time=0.0345034122467041s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.03450

28PE2.txt Time=0.04833488464355469s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.02417

28PE3.txt Time=0.09419064521789551s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.01047

28PE4.txt Time=0.04778268337249756s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

28PE5.txt Time=0.021155643463134765s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0492 Avg Backtracks: 2.4 Avg Assignments: 5.6

28PM1.txt Time=0.26661747694015503s Backtracks=7 Assignments=16 Solved=True  
AvgBacktrackTime=0.03809

28PM2.txt Time=0.709465503692627s Backtracks=8 Assignments=42 Solved=True  
AvgBacktrackTime=0.08868



28PM3.txt Time=0.5760911703109741s Backtracks=0 Assignments=33 Solved=True  
AvgBacktrackTime=0

28PM4.txt Time=0.8676669597625732s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.2169

28PM5.txt Time=1.6501232385635376s Backtracks=89 Assignments=96 Solved=True  
AvgBacktrackTime=0.01854

Solution:5/5

:Avg runtime: 0.814 Avg Backtracks: 21.6 Avg Assignments: 47.0

28PH1.txt Time=7.054620265960693s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

28PH2.txt Time=0.8867340087890625s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.07389

28PH3.txt Time=29.981339931488037s Backtracks=607 Assignments=617 Solved=True  
AvgBacktrackTime=0.04939

28PH4.txt Time=51.87194466590881s Backtracks=1045 Assignments=1061 Solved=True  
AvgBacktrackTime=0.04964

28PH5.txt Time=Infinitys Backtracks=10450 Assignments=10610 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2422.8 Avg Assignments: 2495.4

29 [('NKT', 'NKD'), 'DH', 'None']

29PE1.txt Time=0.05771071910858154s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.009618

29PE2.txt Time=0.03546211719512939s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.01182

29PE3.txt Time=0.5951415538787842s Backtracks=80 Assignments=84 Solved=True  
AvgBacktrackTime=0.007439

29PE4.txt Time=0.06636288166046142s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.006636

29PE5.txt Time=0.042548084259033205s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.006078

Solution:5/5

:Avg runtime: 0.1594 Avg Backtracks: 21.2 Avg Assignments: 24.2

29PM1.txt Time=57.23349690437317s Backtracks=4236 Assignments=4248 Solved=True  
AvgBacktrackTime=0.01351

29PM2.txt Time=Infinitys Backtracks=4389 Assignments=4408 Solved=False AvgBacktrackTime=0

29PM3.txt Time=Infinitys Backtracks=4179 Assignments=4197 Solved=False AvgBacktrackTime=0

29PM4.txt Time=Infinitys Backtracks=4153 Assignments=4173 Solved=False AvgBacktrackTime=0

29PM5.txt Time=4.679703176021576s Backtracks=308 Assignments=315 Solved=True  
AvgBacktrackTime=0.01519

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3453.0 Avg Assignments: 3468.2

29PH1.txt Time=Infinitys Backtracks=8737 Assignments=8871 Solved=False AvgBacktrackTime=0

29PH2.txt Time=8.397328615188599s Backtracks=190 Assignments=198 Solved=True  
AvgBacktrackTime=0.04420

29PH3.txt Time=Infinitys Backtracks=13067 Assignments=13078 Solved=False AvgBacktrackTime=0

29PH4.txt Time=Infinitys Backtracks=12734 Assignments=12747 Solved=False AvgBacktrackTime=0

29PH5.txt Time=Infinitys Backtracks=127340 Assignments=127470 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 32413.6 Avg Assignments: 32472.8

30 [('NKT', 'NKD'), 'DH', 'LCV']

30PE1.txt Time=0.03915255069732666s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.03915

30PE2.txt Time=0.03163526058197021s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

30PE3.txt Time=0.5742180585861206s Backtracks=73 Assignments=77 Solved=True  
AvgBacktrackTime=0.007866

30PE4.txt Time=0.08783597946166992s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02928

30PE5.txt Time=0.04199948310852051s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.02100

Solution:5/5

:Avg runtime: 0.1550 Avg Backtracks: 15.8 Avg Assignments: 18.8

30PM1.txt Time=Infinitys Backtracks=4429 Assignments=4436 Solved=False AvgBacktrackTime=0

30PM2.txt Time=Infinitys Backtracks=4206 Assignments=4229 Solved=False AvgBacktrackTime=0

30PM3.txt Time=50.090834856033325s Backtracks=3343 Assignments=3370 Solved=True  
AvgBacktrackTime=0.01498

30PM4.txt Time=Infinitys Backtracks=4825 Assignments=4855 Solved=False AvgBacktrackTime=0

30PM5.txt Time=6.078555405139923s Backtracks=388 Assignments=395 Solved=True  
AvgBacktrackTime=0.01567

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3438.2 Avg Assignments: 3457.0

30PH1.txt Time=Infinitys Backtracks=9377 Assignments=9521 Solved=False AvgBacktrackTime=0

30PH2.txt Time=1.2601406574249268s Backtracks=20 Assignments=28 Solved=True  
AvgBacktrackTime=0.06301

30PH3.txt Time=Infinitys Backtracks=14014 Assignments=14030 Solved=False AvgBacktrackTime=0

30PH4.txt Time=Infinitys Backtracks=12960 Assignments=12978 Solved=False AvgBacktrackTime=0

30PH5.txt Time=Infinitys Backtracks=129600 Assignments=129780 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 33194.2 Avg Assignments: 33267.4

31 [('ArcConsistency',), 'None', 'None']

31PE1.txt Time=0.09002804756164551s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03001

31PE2.txt Time=0.1439051151275635s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.04797

31PE3.txt Time=0.60729820728302s Backtracks=29 Assignments=35 Solved=True  
AvgBacktrackTime=0.02094

31PE4.txt Time=0.2411219835281372s Backtracks=4 Assignments=13 Solved=True  
AvgBacktrackTime=0.06028

31PE5.txt Time=0.08132917881011963s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02033

Solution:5/5

:Avg runtime: 0.2326 Avg Backtracks: 8.6 Avg Assignments: 12.4

31PM1.txt Time=41.44715225696564s Backtracks=1719 Assignments=1736 Solved=True  
AvgBacktrackTime=0.02411

31PM2.txt Time=Infinitys Backtracks=1771 Assignments=1796 Solved=False AvgBacktrackTime=0

31PM3.txt Time=11.364806115627289s Backtracks=433 Assignments=455 Solved=True  
AvgBacktrackTime=0.02625

31PM4.txt Time=Infinitys Backtracks=2104 Assignments=2140 Solved=False AvgBacktrackTime=0

31PM5.txt Time=27.086342751979828s Backtracks=866 Assignments=880 Solved=True  
AvgBacktrackTime=0.03128

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 1378.6 Avg Assignments: 1401.4

31PH1.txt Time=266.05954670906067s Backtracks=8520 Assignments=8672 Solved=True  
AvgBacktrackTime=0.03123

31PH2.txt Time=19.310224771499634s Backtracks=279 Assignments=289 Solved=True  
AvgBacktrackTime=0.06921

31PH3.txt Time=Infinitys Backtracks=8609 Assignments=8640 Solved=False AvgBacktrackTime=0

31PH4.txt Time=Infinitys Backtracks=7596 Assignments=7619 Solved=False AvgBacktrackTime=0

31PH5.txt Time=Infinitys Backtracks=75960 Assignments=76190 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 20192.8 Avg Assignments: 20282.0

32 [('ArcConsistency',), 'None', 'LCV']

32PE1.txt Time=0.08810734748840332s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

32PE2.txt Time=0.18742504119873046s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04686

32PE3.txt Time=0.4954270362854004s Backtracks=24 Assignments=30 Solved=True  
AvgBacktrackTime=0.02064

32PE4.txt Time=0.289579439163208s Backtracks=6 Assignments=15 Solved=True  
AvgBacktrackTime=0.04826

32PE5.txt Time=0.08052868843078613s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2282 Avg Backtracks: 6.8 Avg Assignments: 10.6

32PM1.txt Time=18.333069920539856s Backtracks=726 Assignments=743 Solved=True  
AvgBacktrackTime=0.02525

32PM2.txt Time=1.2635329961776733s Backtracks=9 Assignments=41 Solved=True  
AvgBacktrackTime=0.1404

32PM3.txt Time=14.779995381832123s Backtracks=610 Assignments=645 Solved=True  
AvgBacktrackTime=0.02423

32PM4.txt Time=Infinitys Backtracks=2081 Assignments=2115 Solved=False AvgBacktrackTime=0

32PM5.txt Time=35.525720059871674s Backtracks=1148 Assignments=1162 Solved=True  
AvgBacktrackTime=0.03095

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 914.8 Avg Assignments: 941.2

32PH1.txt Time=25.22872281074524s Backtracks=690 Assignments=845 Solved=True  
AvgBacktrackTime=0.03656

32PH2.txt Time=70.27771830558777s Backtracks=1014 Assignments=1024 Solved=True  
AvgBacktrackTime=0.06931

32PH3.txt Time=Infinitys Backtracks=8456 Assignments=8476 Solved=False AvgBacktrackTime=0

32PH4.txt Time=Infinitys Backtracks=7905 Assignments=7934 Solved=False AvgBacktrackTime=0

32PH5.txt Time=Infinitys Backtracks=79050 Assignments=79340 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 19423.0 Avg Assignments: 19523.8

33 [('ArcConsistency',), 'MRV', 'None']

33PE1.txt Time=0.08812007904052735s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02937

33PE2.txt Time=0.14387052059173583s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.04796

33PE3.txt Time=0.40059828758239746s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.03082

33PE4.txt Time=0.18922510147094726s Backtracks=1 Assignments=10 Solved=True  
AvgBacktrackTime=0.1892

33PE5.txt Time=0.08056459426879883s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02014

Solution:5/5

:Avg runtime: 0.1805 Avg Backtracks: 4.8 Avg Assignments: 8.6

33PM1.txt Time=2.5091273188591003s Backtracks=71 Assignments=92 Solved=True  
AvgBacktrackTime=0.03534

33PM2.txt Time=1.8038762211799622s Backtracks=38 Assignments=78 Solved=True  
AvgBacktrackTime=0.04747

33PM3.txt Time=1.8532984256744385s Backtracks=27 Assignments=62 Solved=True  
AvgBacktrackTime=0.06864

33PM4.txt Time=1.3915618062019348s Backtracks=1 Assignments=46 Solved=True  
AvgBacktrackTime=1.392

33PM5.txt Time=25.515926480293274s Backtracks=846 Assignments=865 Solved=True  
AvgBacktrackTime=0.03016

Solution:5/5

:Avg runtime: 6.614 Avg Backtracks: 196.6 Avg Assignments: 228.6

33PH1.txt Time=8.72816801071167s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=4.364

33PH2.txt Time=3.9373514652252197s Backtracks=25 Assignments=41 Solved=True  
AvgBacktrackTime=0.1575

33PH3.txt Time=Infinitys Backtracks=7482 Assignments=7504 Solved=False AvgBacktrackTime=0

33PH4.txt Time=Infinitys Backtracks=7764 Assignments=7793 Solved=False AvgBacktrackTime=0

33PH5.txt Time=Infinitys Backtracks=77640 Assignments=77930 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 18582.6 Avg Assignments: 18686.6

34 [('ArcConsistency',), 'MRV', 'LCV']

34PE1.txt Time=0.08828465938568116s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

34PE2.txt Time=0.18930277824401856s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04733

34PE3.txt Time=0.34966650009155276s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.04371

34PE4.txt Time=0.267358660697937s Backtracks=7 Assignments=16 Solved=True  
AvgBacktrackTime=0.03819

34PE5.txt Time=0.08076322078704834s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1951 Avg Backtracks: 3.8 Avg Assignments: 7.6

34PM1.txt Time=9.23152208328247s Backtracks=319 Assignments=340 Solved=True  
AvgBacktrackTime=0.02894

34PM2.txt Time=1.5453253984451294s Backtracks=25 Assignments=65 Solved=True  
AvgBacktrackTime=0.06181

34PM3.txt Time=12.831076383590698s Backtracks=390 Assignments=428 Solved=True  
AvgBacktrackTime=0.03290

34PM4.txt Time=2.372950255870819s Backtracks=34 Assignments=83 Solved=True  
AvgBacktrackTime=0.06979

34PM5.txt Time=33.51805830001831s Backtracks=1073 Assignments=1092 Solved=True  
AvgBacktrackTime=0.03124

Solution:5/5

:Avg runtime: 11.90 Avg Backtracks: 368.2 Avg Assignments: 401.6

34PH1.txt Time=9.262332439422607s Backtracks=1 Assignments=173 Solved=True  
AvgBacktrackTime=9.262



34PH2.txt Time=26.830819845199585s Backtracks=353 Assignments=369 Solved=True  
AvgBacktrackTime=0.07601

34PH3.txt Time=Infinitys Backtracks=7472 Assignments=7492 Solved=False AvgBacktrackTime=0

34PH4.txt Time=Infinitys Backtracks=7551 Assignments=7576 Solved=False AvgBacktrackTime=0

34PH5.txt Time=Infinitys Backtracks=75510 Assignments=75760 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 18177.4 Avg Assignments: 18274.0

35 [('ArcConsistency',), 'DH', 'None']

35PE1.txt Time=0.12608861923217773s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1261

35PE2.txt Time=0.2725386142730713s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.02271

35PE3.txt Time=11.920273423194885s Backtracks=1024 Assignments=1031 Solved=True  
AvgBacktrackTime=0.01164

35PE4.txt Time=0.36680312156677247s Backtracks=18 Assignments=19 Solved=True  
AvgBacktrackTime=0.02038

35PE5.txt Time=0.1595147132873535s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02279

Solution:5/5

:Avg runtime: 2.57 Avg Backtracks: 212.4 Avg Assignments: 215.8

35PM1.txt Time=Infinitys Backtracks=2530 Assignments=2540 Solved=False AvgBacktrackTime=0

35PM2.txt Time=Infinitys Backtracks=2628 Assignments=2656 Solved=False AvgBacktrackTime=0

35PM3.txt Time=Infinitys Backtracks=2492 Assignments=2515 Solved=False AvgBacktrackTime=0

35PM4.txt Time=Infinitys Backtracks=2278 Assignments=2317 Solved=False AvgBacktrackTime=0

35PM5.txt Time=Infinitys Backtracks=2235 Assignments=2244 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2432.6 Avg Assignments: 2454.4

35PH1.txt Time=Infinitys Backtracks=4122 Assignments=4273 Solved=False AvgBacktrackTime=0

35PH2.txt Time=Infinitys Backtracks=4621 Assignments=4637 Solved=False AvgBacktrackTime=0

35PH3.txt Time=Infinitys Backtracks=8623 Assignments=8642 Solved=False AvgBacktrackTime=0

35PH4.txt Time=Infinitys Backtracks=8642 Assignments=8662 Solved=False AvgBacktrackTime=0

35PH5.txt Time=Infinitys Backtracks=86420 Assignments=86620 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 22485.6 Avg Assignments: 22566.8

36 [('ArcConsistency',), 'DH', 'LCV']

36PE1.txt Time=0.12744534015655518s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1274

36PE2.txt Time=0.19900307655334473s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.04975

36PE3.txt Time=10.215493512153625s Backtracks=862 Assignments=869 Solved=True  
AvgBacktrackTime=0.01185

36PE4.txt Time=0.364650297164917s Backtracks=13 Assignments=14 Solved=True  
AvgBacktrackTime=0.02805

36PE5.txt Time=0.16067783832550048s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.08034

Solution:5/5

:Avg runtime: 2.212 Avg Backtracks: 176.4 Avg Assignments: 179.8

36PM1.txt Time=Infinitys Backtracks=2382 Assignments=2395 Solved=False AvgBacktrackTime=0  
36PM2.txt Time=Infinitys Backtracks=2492 Assignments=2517 Solved=False AvgBacktrackTime=0  
36PM3.txt Time=Infinitys Backtracks=2196 Assignments=2231 Solved=False AvgBacktrackTime=0  
36PM4.txt Time=Infinitys Backtracks=2153 Assignments=2197 Solved=False AvgBacktrackTime=0  
36PM5.txt Time=Infinitys Backtracks=2200 Assignments=2213 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2284.6 Avg Assignments: 2310.6

36PH1.txt Time=Infinitys Backtracks=3825 Assignments=3995 Solved=False AvgBacktrackTime=0  
36PH2.txt Time=Infinitys Backtracks=4520 Assignments=4539 Solved=False AvgBacktrackTime=0  
36PH3.txt Time=Infinitys Backtracks=8643 Assignments=8666 Solved=False AvgBacktrackTime=0  
36PH4.txt Time=Infinitys Backtracks=8210 Assignments=8236 Solved=False AvgBacktrackTime=0  
36PH5.txt Time=Infinitys Backtracks=82100 Assignments=82360 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 21459.6 Avg Assignments: 21559.2

37 [['ArcConsistency', 'NKT'), 'None', 'None']

37PE1.txt Time=0.09133398532867432s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03044

37PE2.txt Time=0.1659097909927368s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05530

37PE3.txt Time=0.40009872913360595s Backtracks=14 Assignments=18 Solved=True  
AvgBacktrackTime=0.02858

37PE4.txt Time=0.15114197731018067s Backtracks=0 Assignments=5 Solved=True AvgBacktrackTime=0

37PE5.txt Time=0.08573963642120361s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02143

Solution:5/5

:Avg runtime: 0.1788 Avg Backtracks: 4.8 Avg Assignments: 7.4

37PM1.txt Time=16.06736534833908s Backtracks=631 Assignments=643 Solved=True  
AvgBacktrackTime=0.02546

37PM2.txt Time=Infinitys Backtracks=1817 Assignments=1840 Solved=False AvgBacktrackTime=0

37PM3.txt Time=1.767516553401947s Backtracks=36 Assignments=56 Solved=True  
AvgBacktrackTime=0.04910

37PM4.txt Time=1.7145553231239319s Backtracks=11 Assignments=48 Solved=True  
AvgBacktrackTime=0.1559

37PM5.txt Time=3.854952335357666s Backtracks=100 Assignments=107 Solved=True  
AvgBacktrackTime=0.03855

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 519.0 Avg Assignments: 538.8

37PH1.txt Time=17.642090320587158s Backtracks=119 Assignments=268 Solved=True  
AvgBacktrackTime=0.1483

37PH2.txt Time=3.2554943561553955s Backtracks=17 Assignments=25 Solved=True  
AvgBacktrackTime=0.1915

37PH3.txt Time=Infinitys Backtracks=6751 Assignments=6779 Solved=False AvgBacktrackTime=0

37PH4.txt Time=Infinitys Backtracks=6356 Assignments=6371 Solved=False AvgBacktrackTime=0

37PH5.txt Time=Infinitys Backtracks=63560 Assignments=63710 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 15360.6 Avg Assignments: 15430.6

38 [['ArcConsistency', 'NKT'], 'None', 'LCV']

38PE1.txt Time=0.09254217147827148s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

38PE2.txt Time=0.16990067958831787s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.08495

38PE3.txt Time=0.3739470958709717s Backtracks=12 Assignments=16 Solved=True  
AvgBacktrackTime=0.03116

38PE4.txt Time=0.18166508674621581s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.09083

38PE5.txt Time=0.08584578037261963s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1808 Avg Backtracks: 3.2 Avg Assignments: 5.8

38PM1.txt Time=5.828182220458984s Backtracks=207 Assignments=219 Solved=True  
AvgBacktrackTime=0.02816

38PM2.txt Time=1.4520582556724548s Backtracks=2 Assignments=37 Solved=True  
AvgBacktrackTime=0.7260

38PM3.txt Time=1.8372012376785278s Backtracks=35 Assignments=62 Solved=True  
AvgBacktrackTime=0.05249

38PM4.txt Time=Infinitys Backtracks=1822 Assignments=1850 Solved=False AvgBacktrackTime=0

38PM5.txt Time=4.738271415233612s Backtracks=117 Assignments=124 Solved=True  
AvgBacktrackTime=0.04050

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 436.6 Avg Assignments: 458.4

38PH1.txt Time=13.747742652893066s Backtracks=39 Assignments=193 Solved=True  
AvgBacktrackTime=0.3525

38PH2.txt Time=5.550714731216431s Backtracks=41 Assignments=49 Solved=True  
AvgBacktrackTime=0.1354

38PH3.txt Time=Infinitys Backtracks=6628 Assignments=6635 Solved=False AvgBacktrackTime=0

38PH4.txt Time=Infinitys Backtracks=6551 Assignments=6574 Solved=False AvgBacktrackTime=0

38PH5.txt Time=Infinitys Backtracks=65510 Assignments=65740 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 15753.8 Avg Assignments: 15838.2

39 [('ArcConsistency', 'NKT'), 'MRV', 'None']

39PE1.txt Time=0.09180953502655029s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03060

39PE2.txt Time=0.18681206703186035s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06227

39PE3.txt Time=0.3634394645690918s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.04038

39PE4.txt Time=0.1366428852081299s Backtracks=0 Assignments=4 Solved=True AvgBacktrackTime=0

39PE5.txt Time=0.08478989601135253s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02120

Solution:5/5

:Avg runtime: 0.1727 Avg Backtracks: 3.8 Avg Assignments: 6.2

39PM1.txt Time=1.7989519238471985s Backtracks=41 Assignments=55 Solved=True  
AvgBacktrackTime=0.04388

39PM2.txt Time=1.321605622768402s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.1888

39PM3.txt Time=4.471593856811523s Backtracks=94 Assignments=123 Solved=True  
AvgBacktrackTime=0.04757

39PM4.txt Time=1.8299917578697205s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=1.830

39PM5.txt Time=5.791475594043732s Backtracks=136 Assignments=145 Solved=True  
AvgBacktrackTime=0.04258

Solution:5/5

:Avg runtime: 3.042 Avg Backtracks: 55.8 Avg Assignments: 81.0

39PH1.txt Time=13.070511102676392s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=6.535

39PH2.txt Time=3.2185072898864746s Backtracks=14 Assignments=24 Solved=True  
AvgBacktrackTime=0.2299

39PH3.txt Time=553.3165323734283s Backtracks=5318 Assignments=5328 Solved=True  
AvgBacktrackTime=0.1040

39PH4.txt Time=Infinitys Backtracks=6037 Assignments=6064 Solved=False AvgBacktrackTime=0

39PH5.txt Time=Infinitys Backtracks=60370 Assignments=60640 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 14348.2 Avg Assignments: 14444.2

40 [['ArcConsistency', 'NKT'), 'MRV', 'LCV']

40PE1.txt Time=0.0925175666809082s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

40PE2.txt Time=0.16994423866271974s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.08497

40PE3.txt Time=0.3485572814941406s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.04979

40PE4.txt Time=0.1488259792327881s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.1488

40PE5.txt Time=0.0837216854095459s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1687 Avg Backtracks: 2.0 Avg Assignments: 4.4

40PM1.txt Time=1.4853304624557495s Backtracks=29 Assignments=43 Solved=True  
AvgBacktrackTime=0.05122

40PM2.txt Time=1.6042016744613647s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.4011

40PM3.txt Time=1.8988745212554932s Backtracks=16 Assignments=50 Solved=True  
AvgBacktrackTime=0.1187

40PM4.txt Time=2.0510209798812866s Backtracks=18 Assignments=59 Solved=True  
AvgBacktrackTime=0.1139

40PM5.txt Time=6.542811214923859s Backtracks=151 Assignments=160 Solved=True  
AvgBacktrackTime=0.04333

Solution:5/5

:Avg runtime: 2.716 Avg Backtracks: 43.6 Avg Assignments: 71.2

40PH1.txt Time=14.025112867355347s Backtracks=0 Assignments=173 Solved=True  
AvgBacktrackTime=0

40PH2.txt Time=3.3463525772094727s Backtracks=12 Assignments=22 Solved=True  
AvgBacktrackTime=0.2789

40PH3.txt Time=528.0498602390289s Backtracks=5300 Assignments=5310 Solved=True  
AvgBacktrackTime=0.09963

40PH4.txt Time=Infinitys Backtracks=5942 Assignments=5967 Solved=False AvgBacktrackTime=0

40PH5.txt Time=Infinitys Backtracks=59420 Assignments=59670 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 14134.8 Avg Assignments: 14228.4

41 [('ArcConsistency', 'NKT'), 'DH', 'None']

41PE1.txt Time=0.12786569595336914s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1279

41PE2.txt Time=0.18045423030853272s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03008



41PE3.txt Time=0.5471906185150146s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.02189

41PE4.txt Time=0.24427275657653807s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.02443

41PE5.txt Time=0.16243736743927s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02321

Solution:5/5

:Avg runtime: 0.2524 Avg Backtracks: 9.8 Avg Assignments: 12.0

41PM1.txt Time=Infinitys Backtracks=2386 Assignments=2397 Solved=False AvgBacktrackTime=0

41PM2.txt Time=Infinitys Backtracks=2676 Assignments=2693 Solved=False AvgBacktrackTime=0

41PM3.txt Time=Infinitys Backtracks=2238 Assignments=2257 Solved=False AvgBacktrackTime=0

41PM4.txt Time=Infinitys Backtracks=2491 Assignments=2514 Solved=False AvgBacktrackTime=0

41PM5.txt Time=53.3188499212265s Backtracks=1584 Assignments=1593 Solved=True  
AvgBacktrackTime=0.03366

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2275.0 Avg Assignments: 2290.8

41PH1.txt Time=Infinitys Backtracks=4748 Assignments=4870 Solved=False AvgBacktrackTime=0

41PH2.txt Time=167.1307408809662s Backtracks=2183 Assignments=2190 Solved=True  
AvgBacktrackTime=0.07656

41PH3.txt Time=Infinitys Backtracks=7867 Assignments=7889 Solved=False AvgBacktrackTime=0

41PH4.txt Time=Infinitys Backtracks=7969 Assignments=7986 Solved=False AvgBacktrackTime=0

41PH5.txt Time=Infinitys Backtracks=79690 Assignments=79860 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20491.4 Avg Assignments: 20559.0

42 [('ArcConsistency', 'NKT'), 'DH', 'LCV']

42PE1.txt Time=0.12801594734191896s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1280

42PE2.txt Time=0.14865269660949706s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.07433

42PE3.txt Time=0.3012735366821289s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.03347

42PE4.txt Time=0.24264950752258302s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.04853

42PE5.txt Time=0.1646883249282837s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.08234

Solution:5/5

:Avg runtime: 0.1971 Avg Backtracks: 3.8 Avg Assignments: 6.0

42PM1.txt Time=Infinitys Backtracks=2374 Assignments=2382 Solved=False AvgBacktrackTime=0

42PM2.txt Time=Infinitys Backtracks=2458 Assignments=2480 Solved=False AvgBacktrackTime=0

42PM3.txt Time=Infinitys Backtracks=2129 Assignments=2155 Solved=False AvgBacktrackTime=0

42PM4.txt Time=Infinitys Backtracks=2151 Assignments=2181 Solved=False AvgBacktrackTime=0

42PM5.txt Time=Infinitys Backtracks=1810 Assignments=1816 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2184.4 Avg Assignments: 2202.8

42PH1.txt Time=Infinitys Backtracks=4413 Assignments=4554 Solved=False AvgBacktrackTime=0

42PH2.txt Time=236.02822947502136s Backtracks=3026 Assignments=3033 Solved=True  
AvgBacktrackTime=0.07800

42PH3.txt Time=Infinitys Backtracks=7932 Assignments=7956 Solved=False AvgBacktrackTime=0

42PH4.txt Time=Infinitys Backtracks=8416 Assignments=8435 Solved=False AvgBacktrackTime=0

42PH5.txt Time=Infinitys Backtracks=84160 Assignments=84350 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 21589.4 Avg Assignments: 21665.6

43 [('NKT', 'ArcConsistency'), 'None', 'None']

43PE1.txt Time=0.03639960289001465s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01213

43PE2.txt Time=0.0541724443435669s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01806

43PE3.txt Time=0.19937992095947266s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.01813

43PE4.txt Time=0.039827942848205566s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

43PE5.txt Time=0.029100561141967775s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007275

Solution:5/5

:Avg runtime: 0.07176 Avg Backtracks: 4.2 Avg Assignments: 6.0

43PM1.txt Time=10.903882801532745s Backtracks=489 Assignments=500 Solved=True  
AvgBacktrackTime=0.02230

43PM2.txt Time=Infinitys Backtracks=1956 Assignments=1979 Solved=False AvgBacktrackTime=0

43PM3.txt Time=1.1338974833488464s Backtracks=29 Assignments=48 Solved=True  
AvgBacktrackTime=0.03910

43PM4.txt Time=1.1758162379264832s Backtracks=7 Assignments=43 Solved=True  
AvgBacktrackTime=0.1680

43PM5.txt Time=1.911222790718079s Backtracks=78 Assignments=85 Solved=True  
AvgBacktrackTime=0.02450

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 511.8 Avg Assignments: 531.0

43PH1.txt Time=13.12441635131836s Backtracks=57 Assignments=206 Solved=True  
AvgBacktrackTime=0.2303

43PH2.txt Time=1.3310856819152832s Backtracks=12 Assignments=20 Solved=True  
AvgBacktrackTime=0.1109

43PH3.txt Time=Infinitys Backtracks=8346 Assignments=8370 Solved=False AvgBacktrackTime=0

43PH4.txt Time=Infinitys Backtracks=6806 Assignments=6821 Solved=False AvgBacktrackTime=0

43PH5.txt Time=Infinitys Backtracks=68060 Assignments=68210 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 16656.2 Avg Assignments: 16725.4

44 [(['NKT', 'ArcConsistency'), 'None', 'LCV']

44PE1.txt Time=0.0361781120300293s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

44PE2.txt Time=0.06660196781158448s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03330

44PE3.txt Time=0.17507271766662597s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.01945

44PE4.txt Time=0.04007422924041748s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

44PE5.txt Time=0.029188036918640137s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06944 Avg Backtracks: 2.2 Avg Assignments: 4.0

44PM1.txt Time=4.124533474445343s Backtracks=165 Assignments=176 Solved=True  
AvgBacktrackTime=0.02500

44PM2.txt Time=1.1332201957702637s Backtracks=1 Assignments=35 Solved=True  
AvgBacktrackTime=1.133

44PM3.txt Time=1.3062727451324463s Backtracks=20 Assignments=47 Solved=True  
AvgBacktrackTime=0.06531

44PM4.txt Time=Infinitys Backtracks=2167 Assignments=2197 Solved=False AvgBacktrackTime=0

44PM5.txt Time=2.47814804315567s Backtracks=94 Assignments=101 Solved=True  
AvgBacktrackTime=0.02636

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 489.4 Avg Assignments: 511.2

44PH1.txt Time=11.698625564575195s Backtracks=22 Assignments=176 Solved=True  
AvgBacktrackTime=0.5318

44PH2.txt Time=3.169808864593506s Backtracks=31 Assignments=39 Solved=True  
AvgBacktrackTime=0.1023

44PH3.txt Time=Infinitys Backtracks=8264 Assignments=8268 Solved=False AvgBacktrackTime=0

44PH4.txt Time=Infinitys Backtracks=6859 Assignments=6876 Solved=False AvgBacktrackTime=0

44PH5.txt Time=Infinitys Backtracks=68590 Assignments=68760 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 16753.2 Avg Assignments: 16823.8

45 [('NKT', 'ArcConsistency'), 'MRV', 'None']

45PE1.txt Time=0.036333656311035155s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01211

45PE2.txt Time=0.05616209506988525s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01872

45PE3.txt Time=0.176138973236084s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.02516

45PE4.txt Time=0.0398005485534668s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

45PE5.txt Time=0.03497488498687744s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008744

Solution:5/5

:Avg runtime: 0.06868 Avg Backtracks: 3.4 Avg Assignments: 5.2

45PM1.txt Time=1.3007160425186157s Backtracks=35 Assignments=48 Solved=True  
AvgBacktrackTime=0.03716

45PM2.txt Time=1.0193099975585938s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.1456

45PM3.txt Time=5.783141136169434s Backtracks=140 Assignments=169 Solved=True  
AvgBacktrackTime=0.04131

45PM4.txt Time=1.496826171875s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=1.497

45PM5.txt Time=3.6286370158195496s Backtracks=102 Assignments=110 Solved=True  
AvgBacktrackTime=0.03557

Solution:5/5

:Avg runtime: 2.646 Avg Backtracks: 57.0 Avg Assignments: 81.8

45PH1.txt Time=11.686494827270508s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=5.843

45PH2.txt Time=1.5452773571014404s Backtracks=8 Assignments=18 Solved=True  
AvgBacktrackTime=0.1932

45PH3.txt Time=454.04879879951477s Backtracks=5209 Assignments=5219 Solved=True  
AvgBacktrackTime=0.08717

45PH4.txt Time=Infinitys Backtracks=6322 Assignments=6343 Solved=False AvgBacktrackTime=0

45PH5.txt Time=Infinitys Backtracks=63220 Assignments=63430 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 14952.2 Avg Assignments: 15035.0

46 [('NKT', 'ArcConsistency'), 'MRV', 'LCV']

46PE1.txt Time=0.037384963035583495s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

46PE2.txt Time=0.0674706220626831s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03374

46PE3.txt Time=0.17082064151763915s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.03416

46PE4.txt Time=0.04020218849182129s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

46PE5.txt Time=0.03663897514343262s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0705 Avg Backtracks: 1.4 Avg Assignments: 3.2

46PM1.txt Time=0.9379139542579651s Backtracks=16 Assignments=29 Solved=True  
AvgBacktrackTime=0.05862

46PM2.txt Time=1.2964563965797424s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.3241

46PM3.txt Time=1.257802963256836s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.1572

46PM4.txt Time=1.715510904788971s Backtracks=16 Assignments=60 Solved=True  
AvgBacktrackTime=0.1072

46PM5.txt Time=4.24599677324295s Backtracks=117 Assignments=125 Solved=True  
AvgBacktrackTime=0.03629

Solution:5/5

:Avg runtime: 1.891 Avg Backtracks: 32.2 Avg Assignments: 59.8

46PH1.txt Time=12.57712197303772s Backtracks=3 Assignments=175 Solved=True  
AvgBacktrackTime=4.192

46PH2.txt Time=1.3227739334106445s Backtracks=3 Assignments=13 Solved=True  
AvgBacktrackTime=0.4409

46PH3.txt Time=447.67111921310425s Backtracks=5188 Assignments=5198 Solved=True  
AvgBacktrackTime=0.08629

46PH4.txt Time=Infinitys Backtracks=6228 Assignments=6247 Solved=False AvgBacktrackTime=0

46PH5.txt Time=Infinitys Backtracks=62280 Assignments=62470 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 14740.4 Avg Assignments: 14820.6

47 [(['NKT', 'ArcConsistency'), 'DH', 'None']

47PE1.txt Time=0.045058465003967284s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04506

47PE2.txt Time=0.10278563499450684s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.01713

47PE3.txt Time=0.2591459512710571s Backtracks=14 Assignments=19 Solved=True  
AvgBacktrackTime=0.01851

47PE4.txt Time=0.07737953662872314s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01105

47PE5.txt Time=0.06528465747833252s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.009326

Solution:5/5

:Avg runtime: 0.1099 Avg Backtracks: 7.0 Avg Assignments: 9.2

47PM1.txt Time=Infinitys Backtracks=2574 Assignments=2580 Solved=False AvgBacktrackTime=0

47PM2.txt Time=Infinitys Backtracks=3241 Assignments=3257 Solved=False AvgBacktrackTime=0

47PM3.txt Time=Infinitys Backtracks=2614 Assignments=2639 Solved=False AvgBacktrackTime=0

47PM4.txt Time=Infinitys Backtracks=3165 Assignments=3188 Solved=False AvgBacktrackTime=0



47PM5.txt Time=51.6433669924736s Backtracks=1643 Assignments=1652 Solved=True  
AvgBacktrackTime=0.03143

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2647.4 Avg Assignments: 2663.2

47PH1.txt Time=Infinitys Backtracks=6221 Assignments=6343 Solved=False AvgBacktrackTime=0

47PH2.txt Time=112.19749903678894s Backtracks=1543 Assignments=1550 Solved=True  
AvgBacktrackTime=0.07271

47PH3.txt Time=Infinitys Backtracks=7877 Assignments=7897 Solved=False AvgBacktrackTime=0

47PH4.txt Time=Infinitys Backtracks=7364 Assignments=7382 Solved=False AvgBacktrackTime=0

47PH5.txt Time=Infinitys Backtracks=73640 Assignments=73820 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19329.0 Avg Assignments: 19398.4

48 [('NKT', 'ArcConsistency'), 'DH', 'LCV']

48PE1.txt Time=0.04519908428192139s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04520

48PE2.txt Time=0.09746627807617188s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.04873

48PE3.txt Time=0.1272282838821411s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.03181

48PE4.txt Time=0.07555215358734131s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03778

48PE5.txt Time=0.07811222076416016s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03906

Solution:5/5

:Avg runtime: 0.08472 Avg Backtracks: 2.2 Avg Assignments: 4.4

48PM1.txt Time=Infinitys Backtracks=2596 Assignments=2603 Solved=False AvgBacktrackTime=0

48PM2.txt Time=Infinitys Backtracks=2879 Assignments=2902 Solved=False AvgBacktrackTime=0

48PM3.txt Time=Infinitys Backtracks=2334 Assignments=2357 Solved=False AvgBacktrackTime=0

48PM4.txt Time=Infinitys Backtracks=2961 Assignments=2990 Solved=False AvgBacktrackTime=0

48PM5.txt Time=53.046757221221924s Backtracks=1697 Assignments=1706 Solved=True  
AvgBacktrackTime=0.03126

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2493.4 Avg Assignments: 2511.6

48PH1.txt Time=Infinitys Backtracks=7208 Assignments=7349 Solved=False AvgBacktrackTime=0

48PH2.txt Time=150.80484676361084s Backtracks=1973 Assignments=1980 Solved=True  
AvgBacktrackTime=0.07643

48PH3.txt Time=Infinitys Backtracks=7920 Assignments=7941 Solved=False AvgBacktrackTime=0

48PH4.txt Time=Infinitys Backtracks=7816 Assignments=7835 Solved=False AvgBacktrackTime=0

48PH5.txt Time=Infinitys Backtracks=78160 Assignments=78350 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20615.4 Avg Assignments: 20691.0

49 [('ArcConsistency', 'NKD'), 'None', 'None']

49PE1.txt Time=0.0893176794052124s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02977

49PE2.txt Time=0.14947454929351806s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.04982

49PE3.txt Time=0.42093071937561033s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.03238

49PE4.txt Time=0.10683412551879883s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

49PE5.txt Time=0.11342251300811768s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02836

Solution:5/5

:Avg runtime: 0.1760 Avg Backtracks: 4.6 Avg Assignments: 7.0

49PM1.txt Time=0.6989951729774475s Backtracks=18 Assignments=25 Solved=True  
AvgBacktrackTime=0.03883

49PM2.txt Time=Infinitys Backtracks=1743 Assignments=1767 Solved=False AvgBacktrackTime=0

49PM3.txt Time=2.7722228169441223s Backtracks=91 Assignments=111 Solved=True  
AvgBacktrackTime=0.03046

49PM4.txt Time=49.7642343044281s Backtracks=1573 Assignments=1607 Solved=True  
AvgBacktrackTime=0.03164

49PM5.txt Time=11.213886082172394s Backtracks=300 Assignments=312 Solved=True  
AvgBacktrackTime=0.03738

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 745.0 Avg Assignments: 764.4

49PH1.txt Time=221.3596110343933s Backtracks=8294 Assignments=8445 Solved=True  
AvgBacktrackTime=0.02669

49PH2.txt Time=7.4286675453186035s Backtracks=98 Assignments=105 Solved=True  
AvgBacktrackTime=0.07580

49PH3.txt Time=Infinitys Backtracks=7173 Assignments=7185 Solved=False AvgBacktrackTime=0

49PH4.txt Time=582.394448518753s Backtracks=7205 Assignments=7218 Solved=True  
AvgBacktrackTime=0.08083

49PH5.txt Time=Infinitys Backtracks=72050 Assignments=72180 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 18964.0 Avg Assignments: 19026.6

50 [['ArcConsistency', 'NKD'), 'None', 'LCV']

50PE1.txt Time=0.08947560787200928s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

50PE2.txt Time=0.1811460494995117s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04529

50PE3.txt Time=0.430926251411438s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.04309

50PE4.txt Time=0.1070544958114624s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

50PE5.txt Time=0.10669846534729004s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1831 Avg Backtracks: 2.8 Avg Assignments: 5.2

50PM1.txt Time=0.7037960886955261s Backtracks=9 Assignments=16 Solved=True  
AvgBacktrackTime=0.07820

50PM2.txt Time=1.238450050354004s Backtracks=5 Assignments=36 Solved=True  
AvgBacktrackTime=0.2477

50PM3.txt Time=8.388678133487701s Backtracks=348 Assignments=379 Solved=True  
AvgBacktrackTime=0.02411

50PM4.txt Time=Infinitys Backtracks=1930 Assignments=1961 Solved=False AvgBacktrackTime=0

50PM5.txt Time=15.730878353118896s Backtracks=425 Assignments=437 Solved=True  
AvgBacktrackTime=0.03701

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 543.4 Avg Assignments: 565.8

50PH1.txt Time=20.50477910041809s Backtracks=542 Assignments=696 Solved=True  
AvgBacktrackTime=0.03783

50PH2.txt Time=11.280312299728394s Backtracks=152 Assignments=159 Solved=True  
AvgBacktrackTime=0.07421

50PH3.txt Time=Infinitys Backtracks=7081 Assignments=7098 Solved=False AvgBacktrackTime=0

50PH4.txt Time=221.95981860160828s Backtracks=3295 Assignments=3308 Solved=True  
AvgBacktrackTime=0.06736

50PH5.txt Time=Infinitys Backtracks=32950 Assignments=33080 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 8804.0 Avg Assignments: 8868.2

51 [('ArcConsistency', 'NKD'), 'MRV', 'None']

51PE1.txt Time=0.08941547870635987s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02981

51PE2.txt Time=0.152907657623291s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05097

51PE3.txt Time=0.4062514305114746s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.04514

51PE4.txt Time=0.10695323944091797s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

51PE5.txt Time=0.08526337146759033s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02132

Solution:5/5

:Avg runtime: 0.1682 Avg Backtracks: 3.8 Avg Assignments: 6.2

51PM1.txt Time=0.5426351428031921s Backtracks=4 Assignments=13 Solved=True  
AvgBacktrackTime=0.1357

51PM2.txt Time=1.7594878673553467s Backtracks=22 Assignments=61 Solved=True  
AvgBacktrackTime=0.07998

51PM3.txt Time=2.822942614555359s Backtracks=56 Assignments=84 Solved=True  
AvgBacktrackTime=0.05041

51PM4.txt Time=1.3964824080467224s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=1.396

51PM5.txt Time=10.206279456615448s Backtracks=283 Assignments=296 Solved=True  
AvgBacktrackTime=0.03606

Solution:5/5

:Avg runtime: 3.346 Avg Backtracks: 73.2 Avg Assignments: 99.2

51PH1.txt Time=9.889007329940796s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=9.889

51PH2.txt Time=2.780123472213745s Backtracks=11 Assignments=21 Solved=True  
AvgBacktrackTime=0.2527

51PH3.txt Time=474.99775648117065s Backtracks=5578 Assignments=5594 Solved=True  
AvgBacktrackTime=0.08516

51PH4.txt Time=121.53734731674194s Backtracks=1633 Assignments=1649 Solved=True  
AvgBacktrackTime=0.07443

51PH5.txt Time=Infinitys Backtracks=16330 Assignments=16490 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 4710.6 Avg Assignments: 4783.4

52 [('ArcConsistency', 'NKD'), 'MRV', 'LCV']

52PE1.txt Time=0.09061338901519775s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

52PE2.txt Time=0.20573134422302247s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.05143

52PE3.txt Time=0.3539444446563721s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.05899

52PE4.txt Time=0.10741405487060547s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

52PE5.txt Time=0.08536744117736816s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1686 Avg Backtracks: 2.0 Avg Assignments: 4.4

52PM1.txt Time=0.6835945844650269s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.08545

52PM2.txt Time=1.6576520800590515s Backtracks=18 Assignments=56 Solved=True  
AvgBacktrackTime=0.09209

52PM3.txt Time=1.4861252307891846s Backtracks=15 Assignments=49 Solved=True  
AvgBacktrackTime=0.09908

52PM4.txt Time=2.241931438446045s Backtracks=18 Assignments=68 Solved=True  
AvgBacktrackTime=0.1246

52PM5.txt Time=14.404352009296417s Backtracks=403 Assignments=416 Solved=True  
AvgBacktrackTime=0.03574

Solution:5/5

:Avg runtime: 4.094 Avg Backtracks: 92.4 Avg Assignments: 121.2

52PH1.txt Time=10.523918867111206s Backtracks=1 Assignments=171 Solved=True  
AvgBacktrackTime=10.52

52PH2.txt Time=5.092505216598511s Backtracks=39 Assignments=49 Solved=True  
AvgBacktrackTime=0.1306

52PH3.txt Time=202.66152143478394s Backtracks=2383 Assignments=2399 Solved=True  
AvgBacktrackTime=0.08504

52PH4.txt Time=232.18871784210205s Backtracks=2963 Assignments=2979 Solved=True  
AvgBacktrackTime=0.07836

52PH5.txt Time=Infinitys Backtracks=29630 Assignments=29790 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7003.2 Avg Assignments: 7077.6

53 [['ArcConsistency', 'NKD'), 'DH', 'None']

53PE1.txt Time=0.12760601043701172s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1276

53PE2.txt Time=0.24911823272705078s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.02768

53PE3.txt Time=0.4078545331954956s Backtracks=16 Assignments=20 Solved=True  
AvgBacktrackTime=0.02549

53PE4.txt Time=0.2206395149230957s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03152

53PE5.txt Time=0.16659882068634033s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02380

Solution:5/5

:Avg runtime: 0.2344 Avg Backtracks: 8.0 Avg Assignments: 10.6

53PM1.txt Time=Infinitys Backtracks=2396 Assignments=2406 Solved=False AvgBacktrackTime=0

53PM2.txt Time=Infinitys Backtracks=2494 Assignments=2511 Solved=False AvgBacktrackTime=0

53PM3.txt Time=Infinitys Backtracks=2572 Assignments=2589 Solved=False AvgBacktrackTime=0

53PM4.txt Time=Infinitys Backtracks=2601 Assignments=2621 Solved=False AvgBacktrackTime=0

53PM5.txt Time=52.139865815639496s Backtracks=1799 Assignments=1804 Solved=True  
AvgBacktrackTime=0.02898

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2372.4 Avg Assignments: 2386.2

53PH1.txt Time=Infinitys Backtracks=4913 Assignments=5049 Solved=False AvgBacktrackTime=0

53PH2.txt Time=Infinitys Backtracks=4230 Assignments=4247 Solved=False AvgBacktrackTime=0

53PH3.txt Time=Infinitys Backtracks=8914 Assignments=8929 Solved=False AvgBacktrackTime=0

53PH4.txt Time=Infinitys Backtracks=8768 Assignments=8783 Solved=False AvgBacktrackTime=0

53PH5.txt Time=Infinitys Backtracks=87680 Assignments=87830 Solved=False AvgBacktrackTime=0



Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 22901.0 Avg Assignments: 22967.6

54 [('ArcConsistency', 'NKD'), 'DH', 'LCV']

54PE1.txt Time=0.12752945423126222s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1275

54PE2.txt Time=0.2233191967010498s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.04466

54PE3.txt Time=0.3498093128204346s Backtracks=10 Assignments=14 Solved=True  
AvgBacktrackTime=0.03498

54PE4.txt Time=0.2195829391479492s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1098

54PE5.txt Time=0.17989671230316162s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.08995

Solution:5/5

:Avg runtime: 0.220 Avg Backtracks: 4.0 Avg Assignments: 6.6

54PM1.txt Time=Infinitys Backtracks=2284 Assignments=2291 Solved=False AvgBacktrackTime=0

54PM2.txt Time=Infinitys Backtracks=2916 Assignments=2939 Solved=False AvgBacktrackTime=0

54PM3.txt Time=Infinitys Backtracks=2324 Assignments=2349 Solved=False AvgBacktrackTime=0

54PM4.txt Time=Infinitys Backtracks=2230 Assignments=2265 Solved=False AvgBacktrackTime=0

54PM5.txt Time=55.36477321386337s Backtracks=1874 Assignments=1879 Solved=True  
AvgBacktrackTime=0.02954

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2325.6 Avg Assignments: 2344.6

54PH1.txt Time=Infinitys Backtracks=4122 Assignments=4279 Solved=False AvgBacktrackTime=0

54PH2.txt Time=Infinitys Backtracks=4211 Assignments=4224 Solved=False AvgBacktrackTime=0  
54PH3.txt Time=Infinitys Backtracks=8628 Assignments=8652 Solved=False AvgBacktrackTime=0  
54PH4.txt Time=Infinitys Backtracks=8934 Assignments=8959 Solved=False AvgBacktrackTime=0  
54PH5.txt Time=Infinitys Backtracks=89340 Assignments=89590 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 23047.0 Avg Assignments: 23140.8

55 [('NKD', 'ArcConsistency'), 'None', 'None']

55PE1.txt Time=0.03551745414733887s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01184

55PE2.txt Time=0.05559823513031006s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01853

55PE3.txt Time=0.20553443431854249s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.01868

55PE4.txt Time=0.045068764686584474s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

55PE5.txt Time=0.026441287994384766s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.006610

Solution:5/5

:Avg runtime: 0.07364 Avg Backtracks: 4.2 Avg Assignments: 6.6

55PM1.txt Time=0.2640421390533447s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.04401

55PM2.txt Time=Infinitys Backtracks=2195 Assignments=2219 Solved=False AvgBacktrackTime=0

55PM3.txt Time=1.3742191195487976s Backtracks=58 Assignments=78 Solved=True  
AvgBacktrackTime=0.02369

55PM4.txt Time=26.492346107959747s Backtracks=1310 Assignments=1344 Solved=True  
AvgBacktrackTime=0.02022

55PM5.txt Time=6.183776080608368s Backtracks=225 Assignments=237 Solved=True  
AvgBacktrackTime=0.02748

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 758.8 Avg Assignments: 777.8

55PH1.txt Time=104.35637664794922s Backtracks=4100 Assignments=4251 Solved=True  
AvgBacktrackTime=0.02545

55PH2.txt Time=3.8458364009857178s Backtracks=72 Assignments=78 Solved=True  
AvgBacktrackTime=0.05341

55PH3.txt Time=421.12820768356323s Backtracks=6254 Assignments=6265 Solved=True  
AvgBacktrackTime=0.06734

55PH4.txt Time=369.7377915382385s Backtracks=5805 Assignments=5817 Solved=True  
AvgBacktrackTime=0.06369

55PH5.txt Time=Infinitys Backtracks=58050 Assignments=58170 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 14856.2 Avg Assignments: 14916.2

56 [['NKD', 'ArcConsistency'), 'None', 'LCV']

56PE1.txt Time=0.035471343994140626s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

56PE2.txt Time=0.05581772327423096s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05582

56PE3.txt Time=0.18781802654266358s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.01878

56PE4.txt Time=0.04869375228881836s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.04869

56PE5.txt Time=0.026203560829162597s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0708 Avg Backtracks: 2.4 Avg Assignments: 4.8

56PM1.txt Time=0.398078978061676s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.05687

56PM2.txt Time=0.691710352897644s Backtracks=0 Assignments=27 Solved=True AvgBacktrackTime=0

56PM3.txt Time=4.805621802806854s Backtracks=226 Assignments=257 Solved=True  
AvgBacktrackTime=0.02126

56PM4.txt Time=Infinitys Backtracks=2743 Assignments=2772 Solved=False AvgBacktrackTime=0

56PM5.txt Time=8.917225122451782s Backtracks=321 Assignments=333 Solved=True  
AvgBacktrackTime=0.02778

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 659.4 Avg Assignments: 680.2

56PH1.txt Time=13.629273414611816s Backtracks=216 Assignments=370 Solved=True  
AvgBacktrackTime=0.06310

56PH2.txt Time=6.455010890960693s Backtracks=112 Assignments=118 Solved=True  
AvgBacktrackTime=0.05763

56PH3.txt Time=422.4059009552002s Backtracks=6607 Assignments=6618 Solved=True  
AvgBacktrackTime=0.06393

56PH4.txt Time=142.1531264781952s Backtracks=2480 Assignments=2492 Solved=True  
AvgBacktrackTime=0.05732

56PH5.txt Time=Infinitys Backtracks=24800 Assignments=24920 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6843.0 Avg Assignments: 6903.6

57 [['NKD', 'ArcConsistency'], 'MRV', 'None']

57PE1.txt Time=0.03532693386077881s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01178

57PE2.txt Time=0.0755326509475708s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02518

57PE3.txt Time=0.20372767448425294s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.02910

57PE4.txt Time=0.04983632564544678s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

57PE5.txt Time=0.025582480430603027s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.006396

Solution:5/5

:Avg runtime: 0.0780 Avg Backtracks: 3.4 Avg Assignments: 5.8

57PM1.txt Time=0.29635971784591675s Backtracks=3 Assignments=10 Solved=True  
AvgBacktrackTime=0.09879

57PM2.txt Time=1.1517248153686523s Backtracks=18 Assignments=55 Solved=True  
AvgBacktrackTime=0.06398

57PM3.txt Time=1.7303943037986755s Backtracks=36 Assignments=61 Solved=True  
AvgBacktrackTime=0.04807

57PM4.txt Time=1.100041925907135s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=1.100

57PM5.txt Time=5.791667819023132s Backtracks=224 Assignments=235 Solved=True  
AvgBacktrackTime=0.02586

Solution:5/5

:Avg runtime: 2.014 Avg Backtracks: 56.4 Avg Assignments: 80.6

57PH1.txt Time=9.546559810638428s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=9.547

57PH2.txt Time=1.0425567626953125s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.1303

57PH3.txt Time=326.3376610279083s Backtracks=4494 Assignments=4510 Solved=True  
AvgBacktrackTime=0.07262

57PH4.txt Time=81.36739945411682s Backtracks=1277 Assignments=1292 Solved=True  
AvgBacktrackTime=0.06372

57PH5.txt Time=Infinitys Backtracks=12770 Assignments=12920 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3710.0 Avg Assignments: 3780.4

58 [(['NKD', 'ArcConsistency'), 'MRV', 'LCV']

58PE1.txt Time=0.03494186401367187s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

58PE2.txt Time=0.07198565006256104s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07199

58PE3.txt Time=0.1880058765411377s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.03133

58PE4.txt Time=0.06943972110748291s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06944

58PE5.txt Time=0.026289653778076173s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.07812 Avg Backtracks: 1.6 Avg Assignments: 4.0

58PM1.txt Time=0.4240949749946594s Backtracks=8 Assignments=15 Solved=True  
AvgBacktrackTime=0.05301

58PM2.txt Time=1.2227067351341248s Backtracks=19 Assignments=57 Solved=True  
AvgBacktrackTime=0.06435

58PM3.txt Time=1.1552686095237732s Backtracks=15 Assignments=50 Solved=True  
AvgBacktrackTime=0.07702

58PM4.txt Time=1.8401695489883423s Backtracks=20 Assignments=70 Solved=True  
AvgBacktrackTime=0.09201

58PM5.txt Time=8.621811926364899s Backtracks=318 Assignments=329 Solved=True  
AvgBacktrackTime=0.02711

Solution:5/5

:Avg runtime: 2.652 Avg Backtracks: 76.0 Avg Assignments: 104.2

58PH1.txt Time=9.739192247390747s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

58PH2.txt Time=2.5051181316375732s Backtracks=28 Assignments=37 Solved=True  
AvgBacktrackTime=0.08947

58PH3.txt Time=139.7568075656891s Backtracks=1821 Assignments=1837 Solved=True  
AvgBacktrackTime=0.07675

58PH4.txt Time=164.28137826919556s Backtracks=2375 Assignments=2390 Solved=True  
AvgBacktrackTime=0.06917

58PH5.txt Time=Infinitys Backtracks=23750 Assignments=23900 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5594.8 Avg Assignments: 5666.6

59 [(['NKD', 'ArcConsistency'), 'DH', 'None']

59PE1.txt Time=0.042200350761413576s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04220

59PE2.txt Time=0.17084019184112548s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.01898

59PE3.txt Time=0.20502879619598388s Backtracks=13 Assignments=17 Solved=True  
AvgBacktrackTime=0.01577

59PE4.txt Time=0.08429136276245117s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.008429

59PE5.txt Time=0.05256180763244629s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.007509

Solution:5/5

:Avg runtime: 0.1110 Avg Backtracks: 8.0 Avg Assignments: 10.6

59PM1.txt Time=Infinitys Backtracks=3145 Assignments=3154 Solved=False AvgBacktrackTime=0

59PM2.txt Time=Infinitys Backtracks=3446 Assignments=3462 Solved=False AvgBacktrackTime=0

59PM3.txt Time=Infinitys Backtracks=3372 Assignments=3394 Solved=False AvgBacktrackTime=0

59PM4.txt Time=Infinitys Backtracks=4305 Assignments=4325 Solved=False AvgBacktrackTime=0

59PM5.txt Time=28.130371689796448s Backtracks=1216 Assignments=1221 Solved=True

AvgBacktrackTime=0.02313

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3096.8 Avg Assignments: 3111.2

59PH1.txt Time=Infinitys Backtracks=8469 Assignments=8606 Solved=False AvgBacktrackTime=0

59PH2.txt Time=Infinitys Backtracks=5206 Assignments=5216 Solved=False AvgBacktrackTime=0

59PH3.txt Time=Infinitys Backtracks=11099 Assignments=11113 Solved=False AvgBacktrackTime=0

59PH4.txt Time=Infinitys Backtracks=10882 Assignments=10900 Solved=False AvgBacktrackTime=0

59PH5.txt Time=Infinitys Backtracks=108820 Assignments=109000 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 28895.2 Avg Assignments: 28967.0

60 [('NKD', 'ArcConsistency'), 'DH', 'LCV']

60PE1.txt Time=0.04250411987304688s Backtracks=1 Assignments=2 Solved=True

AvgBacktrackTime=0.04250



60PE2.txt Time=0.1359333038330078s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.02719

60PE3.txt Time=0.18542978763580323s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.04636

60PE4.txt Time=0.08281872272491456s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.01656

60PE5.txt Time=0.053307509422302245s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02665

Solution:5/5

:Avg runtime: 0.09998 Avg Backtracks: 3.4 Avg Assignments: 6.0

60PM1.txt Time=Infinitys Backtracks=3061 Assignments=3070 Solved=False AvgBacktrackTime=0

60PM2.txt Time=Infinitys Backtracks=3549 Assignments=3572 Solved=False AvgBacktrackTime=0

60PM3.txt Time=Infinitys Backtracks=3560 Assignments=3592 Solved=False AvgBacktrackTime=0

60PM4.txt Time=Infinitys Backtracks=4044 Assignments=4080 Solved=False AvgBacktrackTime=0

60PM5.txt Time=30.216554403305054s Backtracks=1279 Assignments=1284 Solved=True  
AvgBacktrackTime=0.02363

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3098.6 Avg Assignments: 3119.6

60PH1.txt Time=Infinitys Backtracks=8289 Assignments=8446 Solved=False AvgBacktrackTime=0

60PH2.txt Time=Infinitys Backtracks=4963 Assignments=4971 Solved=False AvgBacktrackTime=0

60PH3.txt Time=Infinitys Backtracks=11400 Assignments=11421 Solved=False AvgBacktrackTime=0

60PH4.txt Time=Infinitys Backtracks=11574 Assignments=11597 Solved=False AvgBacktrackTime=0

60PH5.txt Time=Infinitys Backtracks=115740 Assignments=115970 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 30393.2 Avg Assignments: 30481.0

61 [('ArcConsistency', 'NKD', 'NKT'), 'None', 'None']

61PE1.txt Time=0.09294064044952392s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03098

61PE2.txt Time=0.15333864688873292s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05111

61PE3.txt Time=0.3895402431488037s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.03895

61PE4.txt Time=0.10958640575408936s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

61PE5.txt Time=0.08668694496154786s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02167

Solution:5/5

:Avg runtime: 0.1664 Avg Backtracks: 4.0 Avg Assignments: 5.8

61PM1.txt Time=0.6785836815834045s Backtracks=14 Assignments=20 Solved=True  
AvgBacktrackTime=0.04847

61PM2.txt Time=Infinitys Backtracks=1699 Assignments=1719 Solved=False AvgBacktrackTime=0

61PM3.txt Time=1.2294761538505554s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.07232

61PM4.txt Time=1.476064682006836s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=0.7380

61PM5.txt Time=2.211706578731537s Backtracks=40 Assignments=45 Solved=True  
AvgBacktrackTime=0.05529

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 354.4 Avg Assignments: 370.4

61PH1.txt Time=14.824253559112549s Backtracks=65 Assignments=212 Solved=True  
AvgBacktrackTime=0.2281

61PH2.txt Time=2.482823371887207s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.2483

61PH3.txt Time=130.76382899284363s Backtracks=1292 Assignments=1302 Solved=True  
AvgBacktrackTime=0.1012

61PH4.txt Time=277.9170641899109s Backtracks=3116 Assignments=3127 Solved=True  
AvgBacktrackTime=0.08919

61PH5.txt Time=Infinitys Backtracks=31160 Assignments=31270 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7128.6 Avg Assignments: 7185.2

62 [('ArcConsistency', 'NKD', 'NKT'), 'None', 'LCV']

62PE1.txt Time=0.09401400089263916s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

62PE2.txt Time=0.16809406280517578s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.08405

62PE3.txt Time=0.3405378103256226s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.04257

62PE4.txt Time=0.13498878479003906s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

62PE5.txt Time=0.08798658847808838s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1651 Avg Backtracks: 2.0 Avg Assignments: 3.8

62PM1.txt Time=0.5223668813705444s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.5224

62PM2.txt Time=1.2090654373168945s Backtracks=1 Assignments=28 Solved=True  
AvgBacktrackTime=1.209

62PM3.txt Time=1.6650320291519165s Backtracks=21 Assignments=49 Solved=True  
AvgBacktrackTime=0.07929

62PM4.txt Time=Infinitys Backtracks=1727 Assignments=1757 Solved=False AvgBacktrackTime=0

62PM5.txt Time=2.3589513897895813s Backtracks=38 Assignments=43 Solved=True  
AvgBacktrackTime=0.06208

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 357.6 Avg Assignments: 376.8

62PH1.txt Time=14.18409252166748s Backtracks=30 Assignments=181 Solved=True  
AvgBacktrackTime=0.4728

62PH2.txt Time=3.321491241455078s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1845

62PH3.txt Time=131.26662611961365s Backtracks=1283 Assignments=1293 Solved=True  
AvgBacktrackTime=0.1023

62PH4.txt Time=112.6565158367157s Backtracks=1354 Assignments=1365 Solved=True  
AvgBacktrackTime=0.08320

62PH5.txt Time=Infinitys Backtracks=13540 Assignments=13650 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3245.0 Avg Assignments: 3302.4

63 [['ArcConsistency', 'NKD', 'NKT'), 'MRV', 'None']

63PE1.txt Time=0.09584355354309082s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03195

63PE2.txt Time=0.15423028469085692s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05141

63PE3.txt Time=0.3113051652908325s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.05188

63PE4.txt Time=0.1101952075958252s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1102

63PE5.txt Time=0.0885573148727417s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02214

Solution:5/5

:Avg runtime: 0.1520 Avg Backtracks: 3.4 Avg Assignments: 5.2

63PM1.txt Time=0.5866622924804688s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1173

63PM2.txt Time=1.456375002861023s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2081

63PM3.txt Time=2.158209264278412s Backtracks=26 Assignments=53 Solved=True  
AvgBacktrackTime=0.08301

63PM4.txt Time=1.7053444385528564s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=1.705

63PM5.txt Time=3.7030041813850403s Backtracks=73 Assignments=78 Solved=True  
AvgBacktrackTime=0.05073

Solution:5/5

:Avg runtime: 1.922 Avg Backtracks: 22.4 Avg Assignments: 44.2

63PH1.txt Time=14.25808072090149s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=14.26

63PH2.txt Time=2.4386136531829834s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.3484

63PH3.txt Time=118.20717000961304s Backtracks=1097 Assignments=1107 Solved=True  
AvgBacktrackTime=0.1078

63PH4.txt Time=39.317607402801514s Backtracks=383 Assignments=398 Solved=True  
AvgBacktrackTime=0.1027

63PH5.txt Time=483.44859290122986s Backtracks=4742 Assignments=4759 Solved=True  
AvgBacktrackTime=0.1020

Solution:5/5

:Avg runtime: 131.5 Avg Backtracks: 1246.0 Avg Assignments: 1288.0

64 [('ArcConsistency', 'NKD', 'NKT'), 'MRV', 'LCV']

64PE1.txt Time=0.0946258544921875s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

64PE2.txt Time=0.1691129446029663s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.08456

64PE3.txt Time=0.28789222240448s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.07197

64PE4.txt Time=0.110321044921875s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

64PE5.txt Time=0.08754193782806396s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1499 Avg Backtracks: 1.2 Avg Assignments: 3.0

64PM1.txt Time=0.6371994614601135s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1274

64PM2.txt Time=1.6754570603370667s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.1862

64PM3.txt Time=1.4621675610542297s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.4874

64PM4.txt Time=1.932125568389826s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.4830

64PM5.txt Time=3.8165894150733948s Backtracks=69 Assignments=74 Solved=True  
AvgBacktrackTime=0.05531

Solution:5/5

:Avg runtime: 1.905 Avg Backtracks: 18.0 Avg Assignments: 42.4

64PH1.txt Time=14.945333242416382s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

64PH2.txt Time=2.973938226699829s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.2974

64PH3.txt Time=51.167439699172974s Backtracks=455 Assignments=465 Solved=True  
AvgBacktrackTime=0.1125

64PH4.txt Time=88.94224214553833s Backtracks=855 Assignments=870 Solved=True  
AvgBacktrackTime=0.1040

64PH5.txt Time=Infinitys Backtracks=8550 Assignments=8700 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1974.0 Avg Assignments: 2044.2

65 [('ArcConsistency', 'NKD', 'NKT'), 'DH', 'None']

65PE1.txt Time=0.1301894187927246s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1302

65PE2.txt Time=0.16350815296173096s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.03270

65PE3.txt Time=0.24196577072143555s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.06049

65PE4.txt Time=0.2636983871459961s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03767

65PE5.txt Time=0.1663078784942627s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02376

Solution:5/5

:Avg runtime: 0.1931 Avg Backtracks: 4.8 Avg Assignments: 6.4

65PM1.txt Time=Infinitys Backtracks=1927 Assignments=1934 Solved=False AvgBacktrackTime=0

65PM2.txt Time=Infinitys Backtracks=2521 Assignments=2538 Solved=False AvgBacktrackTime=0

65PM3.txt Time=Infinitys Backtracks=2142 Assignments=2159 Solved=False AvgBacktrackTime=0

65PM4.txt Time=Infinitys Backtracks=2337 Assignments=2361 Solved=False AvgBacktrackTime=0

65PM5.txt Time=13.832355618476868s Backtracks=387 Assignments=391 Solved=True  
AvgBacktrackTime=0.03574

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1862.8 Avg Assignments: 1876.6

65PH1.txt Time=Infinitys Backtracks=3679 Assignments=3802 Solved=False AvgBacktrackTime=0

65PH2.txt Time=2.129345655441284s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.1936

65PH3.txt Time=Infinitys Backtracks=7345 Assignments=7362 Solved=False AvgBacktrackTime=0

65PH4.txt Time=Infinitys Backtracks=7912 Assignments=7923 Solved=False AvgBacktrackTime=0

65PH5.txt Time=Infinitys Backtracks=79120 Assignments=79230 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19613.4 Avg Assignments: 19666.6

66 [(['ArcConsistency', 'NKD', 'NKT'), 'DH', 'LCV']

66PE1.txt Time=0.13283281326293944s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1328

66PE2.txt Time=0.138924241065979s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.1389

66PE3.txt Time=0.21058270931243897s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1053

66PE4.txt Time=0.2302746057510376s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1151

66PE5.txt Time=0.16873109340667725s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.08437

Solution:5/5

:Avg runtime: 0.1763 Avg Backtracks: 1.6 Avg Assignments: 3.2



66PM1.txt Time=Infinitys Backtracks=1887 Assignments=1895 Solved=False AvgBacktrackTime=0

66PM2.txt Time=Infinitys Backtracks=2313 Assignments=2333 Solved=False AvgBacktrackTime=0

66PM3.txt Time=36.14014029502869s Backtracks=1274 Assignments=1299 Solved=True  
AvgBacktrackTime=0.02837

66PM4.txt Time=Infinitys Backtracks=2248 Assignments=2277 Solved=False AvgBacktrackTime=0

66PM5.txt Time=18.27370649576187s Backtracks=510 Assignments=514 Solved=True  
AvgBacktrackTime=0.03583

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1646.4 Avg Assignments: 1663.6

66PH1.txt Time=Infinitys Backtracks=4018 Assignments=4160 Solved=False AvgBacktrackTime=0

66PH2.txt Time=2.60589599609375s Backtracks=15 Assignments=20 Solved=True  
AvgBacktrackTime=0.1737

66PH3.txt Time=Infinitys Backtracks=7425 Assignments=7439 Solved=False AvgBacktrackTime=0

66PH4.txt Time=Infinitys Backtracks=7875 Assignments=7892 Solved=False AvgBacktrackTime=0

66PH5.txt Time=Infinitys Backtracks=78750 Assignments=78920 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19616.6 Avg Assignments: 19686.2

67 [('ArcConsistency', 'NKT', 'NKD'), 'None', 'None']

67PE1.txt Time=0.09454150199890136s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03151

67PE2.txt Time=0.15113143920898436s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05038

67PE3.txt Time=0.3621447324752808s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.03621

67PE4.txt Time=0.11401894092559814s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

67PE5.txt Time=0.08772521018981934s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02193

Solution:5/5

:Avg runtime: 0.1619 Avg Backtracks: 4.0 Avg Assignments: 5.8

67PM1.txt Time=0.7740501761436462s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.04300

67PM2.txt Time=Infinitys Backtracks=1675 Assignments=1694 Solved=False AvgBacktrackTime=0

67PM3.txt Time=1.158553421497345s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.1053

67PM4.txt Time=1.4093483090400696s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=0.7047

67PM5.txt Time=2.400843381881714s Backtracks=48 Assignments=54 Solved=True  
AvgBacktrackTime=0.05002

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 350.8 Avg Assignments: 367.0

67PH1.txt Time=15.24743103981018s Backtracks=74 Assignments=221 Solved=True  
AvgBacktrackTime=0.2060

67PH2.txt Time=2.0974066257476807s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.4195

67PH3.txt Time=142.11721396446228s Backtracks=1400 Assignments=1410 Solved=True  
AvgBacktrackTime=0.1015

67PH4.txt Time=304.0860764980316s Backtracks=3423 Assignments=3434 Solved=True  
AvgBacktrackTime=0.08884

67PH5.txt Time=Infinitys Backtracks=34230 Assignments=34340 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7826.4 Avg Assignments: 7883.0

68 [('ArcConsistency', 'NKT', 'NKD'), 'None', 'LCV']

68PE1.txt Time=0.0940922737121582s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

68PE2.txt Time=0.16569294929504394s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.08285

68PE3.txt Time=0.37391085624694825s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.04674

68PE4.txt Time=0.11438360214233398s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

68PE5.txt Time=0.08630762100219727s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1669 Avg Backtracks: 2.0 Avg Assignments: 3.8

68PM1.txt Time=0.5924786329269409s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.1481

68PM2.txt Time=1.355605661869049s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=1.356

68PM3.txt Time=1.3512930274009705s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.1501

68PM4.txt Time=Infinitys Backtracks=1833 Assignments=1860 Solved=False AvgBacktrackTime=0

68PM5.txt Time=2.602077066898346s Backtracks=47 Assignments=53 Solved=True  
AvgBacktrackTime=0.05536

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 378.8 Avg Assignments: 398.2

68PH1.txt Time=14.082902669906616s Backtracks=33 Assignments=184 Solved=True  
AvgBacktrackTime=0.4268

68PH2.txt Time=3.0278189182281494s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.2523

68PH3.txt Time=109.50185513496399s Backtracks=1086 Assignments=1096 Solved=True  
AvgBacktrackTime=0.1008

68PH4.txt Time=132.60366988182068s Backtracks=1633 Assignments=1644 Solved=True  
AvgBacktrackTime=0.08120

68PH5.txt Time=Infinitys Backtracks=16330 Assignments=16440 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3818.8 Avg Assignments: 3876.2

69 [('ArcConsistency', 'NKT', 'NKD'), 'MRV', 'None']

69PE1.txt Time=0.09326815605163574s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03109

69PE2.txt Time=0.15093250274658204s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05031

69PE3.txt Time=0.3196955442428589s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.05328

69PE4.txt Time=0.11386051177978515s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

69PE5.txt Time=0.08755114078521728s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02189

Solution:5/5

:Avg runtime: 0.1531 Avg Backtracks: 3.2 Avg Assignments: 5.0

69PM1.txt Time=0.552630603313446s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1382

69PM2.txt Time=1.4388350248336792s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2055

69PM3.txt Time=2.0302212834358215s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.08827

69PM4.txt Time=1.7003756761550903s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=1.700

69PM5.txt Time=3.787762999534607s Backtracks=72 Assignments=77 Solved=True  
AvgBacktrackTime=0.05261

Solution:5/5

:Avg runtime: 1.902 Avg Backtracks: 21.4 Avg Assignments: 43.0

69PH1.txt Time=14.210471391677856s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=14.21

69PH2.txt Time=2.0971271991729736s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.5243

69PH3.txt Time=126.82175421714783s Backtracks=1174 Assignments=1182 Solved=True  
AvgBacktrackTime=0.1080

69PH4.txt Time=37.38044857978821s Backtracks=359 Assignments=374 Solved=True  
AvgBacktrackTime=0.1041

69PH5.txt Time=481.1846544742584s Backtracks=4651 Assignments=4666 Solved=True  
AvgBacktrackTime=0.1035

Solution:5/5

:Avg runtime: 132.3 Avg Backtracks: 1237.8 Avg Assignments: 1278.8

70 [('ArcConsistency', 'NKT', 'NKD'), 'MRV', 'LCV']

70PE1.txt Time=0.09416999816894531s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

70PE2.txt Time=0.16565349102020263s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.08283

70PE3.txt Time=0.3248340845108032s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.08121

70PE4.txt Time=0.11454944610595703s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

70PE5.txt Time=0.08821029663085937s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1575 Avg Backtracks: 1.2 Avg Assignments: 3.0

70PM1.txt Time=0.6378907561302185s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1276

70PM2.txt Time=1.7041110396385193s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.2130

70PM3.txt Time=1.3360312581062317s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

70PM4.txt Time=1.926910400390625s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.4817

70PM5.txt Time=3.8417569398880005s Backtracks=67 Assignments=72 Solved=True  
AvgBacktrackTime=0.05734

Solution:5/5

:Avg runtime: 1.889 Avg Backtracks: 16.8 Avg Assignments: 40.8

70PH1.txt Time=14.869603633880615s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

70PH2.txt Time=2.505258321762085s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.4175

70PH3.txt Time=55.78283643722534s Backtracks=507 Assignments=515 Solved=True  
AvgBacktrackTime=0.1100

70PH4.txt Time=87.16640949249268s Backtracks=801 Assignments=816 Solved=True  
AvgBacktrackTime=0.1088

70PH5.txt Time=Infinity Backtracks=8010 Assignments=8160 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1864.8 Avg Assignments: 1934.4

71 [('ArcConsistency', 'NKT', 'NKD'), 'DH', 'None']

71PE1.txt Time=0.13214144706726075s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1321

71PE2.txt Time=0.1068920612335205s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05345

71PE3.txt Time=0.296604323387146s Backtracks=11 Assignments=13 Solved=True  
AvgBacktrackTime=0.02696

71PE4.txt Time=0.2490788459777832s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.02491

71PE5.txt Time=0.17937080860137938s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02562

Solution:5/5

:Avg runtime: 0.1928 Avg Backtracks: 6.2 Avg Assignments: 7.6

71PM1.txt Time=Infinitys Backtracks=1946 Assignments=1952 Solved=False AvgBacktrackTime=0

71PM2.txt Time=Infinitys Backtracks=2286 Assignments=2303 Solved=False AvgBacktrackTime=0

71PM3.txt Time=Infinitys Backtracks=2030 Assignments=2045 Solved=False AvgBacktrackTime=0

71PM4.txt Time=Infinitys Backtracks=2277 Assignments=2301 Solved=False AvgBacktrackTime=0

71PM5.txt Time=12.844191193580627s Backtracks=348 Assignments=353 Solved=True  
AvgBacktrackTime=0.03691

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1777.4 Avg Assignments: 1790.8

71PH1.txt Time=Infinitys Backtracks=4528 Assignments=4652 Solved=False AvgBacktrackTime=0

71PH2.txt Time=4.669415235519409s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.1262

71PH3.txt Time=Infinitys Backtracks=7157 Assignments=7180 Solved=False AvgBacktrackTime=0

71PH4.txt Time=Infinitys Backtracks=7496 Assignments=7505 Solved=False AvgBacktrackTime=0

71PH5.txt Time=Infinitys Backtracks=74960 Assignments=75050 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 18835.6 Avg Assignments: 18885.8

72 [('ArcConsistency', 'NKT', 'NKD'), 'DH', 'LCV']

72PE1.txt Time=0.13063399791717528s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1306

72PE2.txt Time=0.10736098289489746s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

72PE3.txt Time=0.2429236888854982s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.03470

72PE4.txt Time=0.2473151206970215s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.04946

72PE5.txt Time=0.1816648483276367s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09083

Solution:5/5

:Avg runtime: 0.1820 Avg Backtracks: 3.0 Avg Assignments: 4.4

72PM1.txt Time=Infinitys Backtracks=1936 Assignments=1941 Solved=False AvgBacktrackTime=0

72PM2.txt Time=Infinitys Backtracks=2044 Assignments=2065 Solved=False AvgBacktrackTime=0

72PM3.txt Time=33.43385845422745s Backtracks=1128 Assignments=1153 Solved=True  
AvgBacktrackTime=0.02964

72PM4.txt Time=Infinitys Backtracks=2316 Assignments=2348 Solved=False AvgBacktrackTime=0

72PM5.txt Time=18.174094915390015s Backtracks=464 Assignments=469 Solved=True  
AvgBacktrackTime=0.03917

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1577.6 Avg Assignments: 1595.2



72PH1.txt Time=Infinitys Backtracks=4239 Assignments=4380 Solved=False AvgBacktrackTime=0

72PH2.txt Time=4.5987632274627686s Backtracks=38 Assignments=43 Solved=True  
AvgBacktrackTime=0.1210

72PH3.txt Time=Infinitys Backtracks=7352 Assignments=7369 Solved=False AvgBacktrackTime=0

72PH4.txt Time=Infinitys Backtracks=7403 Assignments=7420 Solved=False AvgBacktrackTime=0

72PH5.txt Time=Infinitys Backtracks=74030 Assignments=74200 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 18612.4 Avg Assignments: 18682.4

73 [('NKD', 'ArcConsistency', 'NKT'), 'None', 'None']

73PE1.txt Time=0.03842520713806152s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01281

73PE2.txt Time=0.06083126068115234s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02028

73PE3.txt Time=0.16458535194396973s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.01646

73PE4.txt Time=0.05268385410308838s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

73PE5.txt Time=0.02986886501312256s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007467

Solution:5/5

:Avg runtime: 0.06928 Avg Backtracks: 4.0 Avg Assignments: 5.8

73PM1.txt Time=0.3126981854438782s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.05212

73PM2.txt Time=Infinitys Backtracks=1883 Assignments=1906 Solved=False AvgBacktrackTime=0

73PM3.txt Time=0.9443619847297668s Backtracks=16 Assignments=33 Solved=True  
AvgBacktrackTime=0.05902

73PM4.txt Time=1.114315390586853s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=0.5572

73PM5.txt Time=0.9738292694091797s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.02632

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 388.8 Avg Assignments: 405.2

73PH1.txt Time=13.214427947998047s Backtracks=60 Assignments=207 Solved=True  
AvgBacktrackTime=0.2202

73PH2.txt Time=0.9203193187713623s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.09203

73PH3.txt Time=105.9804105758667s Backtracks=1211 Assignments=1221 Solved=True  
AvgBacktrackTime=0.08751

73PH4.txt Time=232.45579314231873s Backtracks=3037 Assignments=3048 Solved=True  
AvgBacktrackTime=0.07654

73PH5.txt Time=Infinitys Backtracks=30370 Assignments=30480 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6937.6 Avg Assignments: 6994.2

74 [(['NKD', 'ArcConsistency', 'NKT'), 'None', 'LCV']

74PE1.txt Time=0.03812727928161621s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

74PE2.txt Time=0.07671852111816406s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03836

74PE3.txt Time=0.15156140327453613s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01895

74PE4.txt Time=0.06711983680725098s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06712

74PE5.txt Time=0.02995901107788086s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0727 Avg Backtracks: 2.2 Avg Assignments: 4.0

74PM1.txt Time=0.323403000831604s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1617

74PM2.txt Time=0.9351499676704407s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

74PM3.txt Time=1.0952629446983337s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.1217

74PM4.txt Time=Infinitys Backtracks=2406 Assignments=2436 Solved=False AvgBacktrackTime=0

74PM5.txt Time=1.0715543627738953s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.03062

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 490.4 Avg Assignments: 509.2

74PH1.txt Time=12.599077224731445s Backtracks=26 Assignments=177 Solved=True  
AvgBacktrackTime=0.4846

74PH2.txt Time=1.7468090057373047s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.09704

74PH3.txt Time=99.47213649749756s Backtracks=1151 Assignments=1161 Solved=True  
AvgBacktrackTime=0.08642

74PH4.txt Time=91.52553915977478s Backtracks=1296 Assignments=1307 Solved=True  
AvgBacktrackTime=0.07062

74PH5.txt Time=Infinitys Backtracks=12960 Assignments=13070 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3090.2 Avg Assignments: 3147.6

75 [('NKD', 'ArcConsistency', 'NKT'), 'MRV', 'None']

75PE1.txt Time=0.03768379688262939s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01256

75PE2.txt Time=0.060845017433166504s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02028

75PE3.txt Time=0.15788400173187256s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02631

75PE4.txt Time=0.07564797401428222s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

75PE5.txt Time=0.029807233810424806s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007452

Solution:5/5

:Avg runtime: 0.07236 Avg Backtracks: 3.2 Avg Assignments: 5.0

75PM1.txt Time=0.32293426990509033s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1076

75PM2.txt Time=1.19578355550766s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.1708

75PM3.txt Time=1.5849817395210266s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.06891

75PM4.txt Time=1.4241830706596375s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=1.424

75PM5.txt Time=2.4075382947921753s Backtracks=75 Assignments=79 Solved=True  
AvgBacktrackTime=0.03210

Solution:5/5

:Avg runtime: 1.387 Avg Backtracks: 21.8 Avg Assignments: 43.0

75PH1.txt Time=12.878213167190552s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=12.88

75PH2.txt Time=1.0059657096862793s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.1437

75PH3.txt Time=99.8995611667633s Backtracks=1062 Assignments=1070 Solved=True  
AvgBacktrackTime=0.09407

75PH4.txt Time=28.15478014945984s Backtracks=342 Assignments=356 Solved=True  
AvgBacktrackTime=0.08232

75PH5.txt Time=386.7686574459076s Backtracks=4288 Assignments=4305 Solved=True  
AvgBacktrackTime=0.09020

Solution:5/5

:Avg runtime: 105.8 Avg Backtracks: 1140.0 Avg Assignments: 1181.4

76 [(['NKD', 'ArcConsistency', 'NKT'), 'MRV', 'LCV']

76PE1.txt Time=0.03843114376068115s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

76PE2.txt Time=0.07647206783294677s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03824

76PE3.txt Time=0.14343063831329345s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.03586

76PE4.txt Time=0.05633199214935303s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05633

76PE5.txt Time=0.030002427101135255s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06892 Avg Backtracks: 1.4 Avg Assignments: 3.2

76PM1.txt Time=0.366929292678833s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1223

76PM2.txt Time=1.4085615873336792s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.1565

76PM3.txt Time=1.161228597164154s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=0.5806

76PM4.txt Time=1.6332072019577026s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.2722

76PM5.txt Time=2.4710038900375366s Backtracks=72 Assignments=76 Solved=True  
AvgBacktrackTime=0.03432

Solution:5/5

:Avg runtime: 1.408 Avg Backtracks: 18.4 Avg Assignments: 42.2

76PH1.txt Time=13.425928831100464s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

76PH2.txt Time=1.2768864631652832s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.1277

76PH3.txt Time=42.97999358177185s Backtracks=461 Assignments=469 Solved=True  
AvgBacktrackTime=0.09323

76PH4.txt Time=71.62133121490479s Backtracks=795 Assignments=809 Solved=True  
AvgBacktrackTime=0.09009

76PH5.txt Time=Infinitys Backtracks=7950 Assignments=8090 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1843.2 Avg Assignments: 1910.6

77 [('NKD', 'ArcConsistency', 'NKT'), 'DH', 'None']

77PE1.txt Time=0.045689725875854494s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04569

77PE2.txt Time=0.055137467384338376s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01378

77PE3.txt Time=0.1306208610534668s Backtracks=6 Assignments=8 Solved=True  
AvgBacktrackTime=0.02177

77PE4.txt Time=0.11029458045959473s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01103

77PE5.txt Time=0.057509660720825195s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008216

Solution:5/5

:Avg runtime: 0.07984 Avg Backtracks: 5.6 Avg Assignments: 7.0

77PM1.txt Time=Infinitys Backtracks=2449 Assignments=2454 Solved=False AvgBacktrackTime=0

77PM2.txt Time=Infinitys Backtracks=3139 Assignments=3156 Solved=False AvgBacktrackTime=0

77PM3.txt Time=Infinitys Backtracks=2755 Assignments=2773 Solved=False AvgBacktrackTime=0

77PM4.txt Time=Infinitys Backtracks=2875 Assignments=2901 Solved=False AvgBacktrackTime=0

77PM5.txt Time=8.096897900104523s Backtracks=258 Assignments=263 Solved=True  
AvgBacktrackTime=0.03138

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2295.2 Avg Assignments: 2309.4

77PH1.txt Time=Infinitys Backtracks=4068 Assignments=4192 Solved=False AvgBacktrackTime=0

77PH2.txt Time=1.1357972621917725s Backtracks=13 Assignments=18 Solved=True  
AvgBacktrackTime=0.08737

77PH3.txt Time=Infinitys Backtracks=9078 Assignments=9088 Solved=False AvgBacktrackTime=0

77PH4.txt Time=Infinitys Backtracks=9739 Assignments=9751 Solved=False AvgBacktrackTime=0

77PH5.txt Time=Infinitys Backtracks=97390 Assignments=97510 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 24057.6 Avg Assignments: 24111.8

78 [('NKD', 'ArcConsistency', 'NKT'), 'DH', 'LCV']

78PE1.txt Time=0.04631459712982178s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04631

78PE2.txt Time=0.048896265029907224s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

78PE3.txt Time=0.08846092224121094s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04423

78PE4.txt Time=0.1089409589767456s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02179

78PE5.txt Time=0.057157254219055174s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02858

Solution:5/5

:Avg runtime: 0.06996 Avg Backtracks: 2.0 Avg Assignments: 3.4

78PM1.txt Time=Infinitys Backtracks=2454 Assignments=2459 Solved=False AvgBacktrackTime=0

78PM2.txt Time=Infinitys Backtracks=3105 Assignments=3130 Solved=False AvgBacktrackTime=0

78PM3.txt Time=26.514765739440918s Backtracks=1265 Assignments=1288 Solved=True  
AvgBacktrackTime=0.02096

78PM4.txt Time=Infinitys Backtracks=2677 Assignments=2706 Solved=False AvgBacktrackTime=0

78PM5.txt Time=10.131369233131409s Backtracks=331 Assignments=336 Solved=True  
AvgBacktrackTime=0.03061

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1966.4 Avg Assignments: 1983.8

78PH1.txt Time=Infinitys Backtracks=3974 Assignments=4117 Solved=False AvgBacktrackTime=0

78PH2.txt Time=1.6241462230682373s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.09023

78PH3.txt Time=Infinitys Backtracks=9953 Assignments=9968 Solved=False AvgBacktrackTime=0



78PH4.txt Time=Infinitys Backtracks=10753 Assignments=10769 Solved=False AvgBacktrackTime=0

78PH5.txt Time=Infinitys Backtracks=107530 Assignments=107690 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 26445.6 Avg Assignments: 26513.4

79 [('NKD', 'NKT', 'ArcConsistency'), 'None', 'None']

79PE1.txt Time=0.031891679763793944s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01063

79PE2.txt Time=0.060171985626220705s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02006

79PE3.txt Time=0.14840497970581054s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.01484

79PE4.txt Time=0.06520285606384277s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

79PE5.txt Time=0.02894144058227539s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007235

Solution:5/5

:Avg runtime: 0.06692 Avg Backtracks: 4.0 Avg Assignments: 5.8

79PM1.txt Time=0.2749117612838745s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.04582

79PM2.txt Time=Infinitys Backtracks=1913 Assignments=1935 Solved=False AvgBacktrackTime=0

79PM3.txt Time=0.8737913966178894s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.05140

79PM4.txt Time=1.0627813935279846s Backtracks=1 Assignments=33 Solved=True  
AvgBacktrackTime=1.063

79PM5.txt Time=0.89835524559021s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.03593

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 392.4 Avg Assignments: 408.4

79PH1.txt Time=12.261112928390503s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=0.6453

79PH2.txt Time=0.7506513595581055s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.1501

79PH3.txt Time=89.15868711471558s Backtracks=959 Assignments=968 Solved=True  
AvgBacktrackTime=0.09297

79PH4.txt Time=214.6996796131134s Backtracks=2582 Assignments=2593 Solved=True  
AvgBacktrackTime=0.08315

79PH5.txt Time=Infinitys Backtracks=25820 Assignments=25930 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5877.0 Avg Assignments: 5933.2

80 [('NKD', 'NKT', 'ArcConsistency'), 'None', 'LCV']

80PE1.txt Time=0.03201935291290283s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

80PE2.txt Time=0.0654627799987793s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03273

80PE3.txt Time=0.13367271423339844s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01671

80PE4.txt Time=0.05151591300964355s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05152

80PE5.txt Time=0.029121041297912598s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06236 Avg Backtracks: 2.2 Avg Assignments: 4.0

80PM1.txt Time=0.24606508016586304s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.2461

80PM2.txt Time=0.9347629547119141s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

80PM3.txt Time=1.1298227310180664s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.1255

80PM4.txt Time=Infinitys Backtracks=2436 Assignments=2466 Solved=False AvgBacktrackTime=0

80PM5.txt Time=0.9511937499046326s Backtracks=20 Assignments=25 Solved=True  
AvgBacktrackTime=0.04756

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 493.2 Avg Assignments: 511.6

80PH1.txt Time=12.249966859817505s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=1.361

80PH2.txt Time=1.1349542140960693s Backtracks=8 Assignments=12 Solved=True  
AvgBacktrackTime=0.1419

80PH3.txt Time=83.65489029884338s Backtracks=917 Assignments=926 Solved=True  
AvgBacktrackTime=0.09123

80PH4.txt Time=88.05219721794128s Backtracks=1147 Assignments=1158 Solved=True  
AvgBacktrackTime=0.07677

80PH5.txt Time=Infinitys Backtracks=11470 Assignments=11580 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2710.2 Avg Assignments: 2767.2

81 [(['NKD', 'NKT', 'ArcConsistency'), 'MRV', 'None']

81PE1.txt Time=0.0318922758102417s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01063

81PE2.txt Time=0.05963566303253174s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01988

81PE3.txt Time=0.11982197761535644s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.01997

81PE4.txt Time=0.04725103378295899s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

81PE5.txt Time=0.033017945289611814s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008254

Solution:5/5

:Avg runtime: 0.05834 Avg Backtracks: 3.2 Avg Assignments: 5.0

81PM1.txt Time=0.23578935861587524s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1179

81PM2.txt Time=1.154846727848053s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.1650

81PM3.txt Time=1.3866730332374573s Backtracks=17 Assignments=40 Solved=True  
AvgBacktrackTime=0.08157

81PM4.txt Time=1.3708850741386414s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=1.371

81PM5.txt Time=2.02871036529541s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.03559

Solution:5/5

:Avg runtime: 1.236 Avg Backtracks: 16.8 Avg Assignments: 37.2

81PH1.txt Time=12.906102180480957s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=12.91

81PH2.txt Time=0.8702785968780518s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1741

81PH3.txt Time=87.02629518508911s Backtracks=932 Assignments=940 Solved=True  
AvgBacktrackTime=0.09338

81PH4.txt Time=28.26208472251892s Backtracks=330 Assignments=344 Solved=True  
AvgBacktrackTime=0.08564

81PH5.txt Time=331.62927746772766s Backtracks=3524 Assignments=3538 Solved=True  
AvgBacktrackTime=0.09411

Solution:5/5

:Avg runtime: 92.14 Avg Backtracks: 958.4 Avg Assignments: 999.0

82 [(['NKD', 'NKT', 'ArcConsistency'), 'MRV', 'LCV']

82PE1.txt Time=0.03304717540740967s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

82PE2.txt Time=0.06528904438018798s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03264

82PE3.txt Time=0.12377474308013917s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.03094

82PE4.txt Time=0.05111868381500244s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05112

82PE5.txt Time=0.036913061141967775s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06202 Avg Backtracks: 1.4 Avg Assignments: 3.2

82PM1.txt Time=0.35041576623916626s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.07008

82PM2.txt Time=1.3058947324752808s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.1451

82PM3.txt Time=1.0612775683403015s Backtracks=1 Assignments=31 Solved=True  
AvgBacktrackTime=1.061

82PM4.txt Time=1.5691376328468323s Backtracks=6 Assignments=49 Solved=True  
AvgBacktrackTime=0.2615

82PM5.txt Time=2.060755431652069s Backtracks=52 Assignments=56 Solved=True  
AvgBacktrackTime=0.03963

Solution:5/5

:Avg runtime: 1.269 Avg Backtracks: 14.6 Avg Assignments: 37.6

82PH1.txt Time=13.47541856765747s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

82PH2.txt Time=1.0271096229553223s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2054

82PH3.txt Time=39.03451180458069s Backtracks=393 Assignments=401 Solved=True  
AvgBacktrackTime=0.09932

82PH4.txt Time=67.14169669151306s Backtracks=690 Assignments=704 Solved=True  
AvgBacktrackTime=0.09731

82PH5.txt Time=Infinitys Backtracks=6900 Assignments=7040 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1597.6 Avg Assignments: 1664.8

83 [['NKD', 'NKT', 'ArcConsistency'), 'DH', 'None']

83PE1.txt Time=0.041861224174499514s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04186

83PE2.txt Time=0.057727813720703125s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01443

83PE3.txt Time=0.10299255847930908s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02575

83PE4.txt Time=0.0837975263595581s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.008380

83PE5.txt Time=0.04911656379699707s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.007017

Solution:5/5

:Avg runtime: 0.0671 Avg Backtracks: 5.2 Avg Assignments: 6.6

83PM1.txt Time=52.20612233877182s Backtracks=2230 Assignments=2240 Solved=True  
AvgBacktrackTime=0.02341

83PM2.txt Time=Infinitys Backtracks=2651 Assignments=2669 Solved=False AvgBacktrackTime=0

83PM3.txt Time=Infinitys Backtracks=2701 Assignments=2719 Solved=False AvgBacktrackTime=0

83PM4.txt Time=Infinitys Backtracks=3040 Assignments=3061 Solved=False AvgBacktrackTime=0

83PM5.txt Time=6.099820077419281s Backtracks=202 Assignments=206 Solved=True  
AvgBacktrackTime=0.03020

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2164.8 Avg Assignments: 2179.0

83PH1.txt Time=Infinitys Backtracks=5687 Assignments=5811 Solved=False AvgBacktrackTime=0

83PH2.txt Time=0.8572728633880615s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1715

83PH3.txt Time=Infinitys Backtracks=8636 Assignments=8648 Solved=False AvgBacktrackTime=0

83PH4.txt Time=Infinitys Backtracks=7882 Assignments=7897 Solved=False AvgBacktrackTime=0

83PH5.txt Time=Infinitys Backtracks=78820 Assignments=78970 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20206.0 Avg Assignments: 20267.2

84 [('NKD', 'NKT', 'ArcConsistency'), 'DH', 'LCV']

84PE1.txt Time=0.0417771577835083s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04178

84PE2.txt Time=0.051697373390197754s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

84PE3.txt Time=0.0888350248336792s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04442

84PE4.txt Time=0.08212459087371826s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.01642

84PE5.txt Time=0.04850270748138428s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02425

Solution:5/5

:Avg runtime: 0.06258 Avg Backtracks: 2.0 Avg Assignments: 3.4

84PM1.txt Time=Infinitys Backtracks=2539 Assignments=2549 Solved=False AvgBacktrackTime=0

84PM2.txt Time=Infinitys Backtracks=2741 Assignments=2763 Solved=False AvgBacktrackTime=0

84PM3.txt Time=18.74897450208664s Backtracks=769 Assignments=794 Solved=True  
AvgBacktrackTime=0.02438

84PM4.txt Time=Infinitys Backtracks=3248 Assignments=3276 Solved=False AvgBacktrackTime=0

84PM5.txt Time=8.41518771648407s Backtracks=269 Assignments=273 Solved=True  
AvgBacktrackTime=0.03128

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1913.2 Avg Assignments: 1931.0

84PH1.txt Time=Infinitys Backtracks=5697 Assignments=5840 Solved=False AvgBacktrackTime=0

84PH2.txt Time=1.0580427646636963s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.1511

84PH3.txt Time=Infinitys Backtracks=9121 Assignments=9134 Solved=False AvgBacktrackTime=0

84PH4.txt Time=Infinitys Backtracks=8148 Assignments=8166 Solved=False AvgBacktrackTime=0

84PH5.txt Time=Infinitys Backtracks=81480 Assignments=81660 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20890.6 Avg Assignments: 20962.4



85 [('NKT', 'ArcConsistency', 'NKD'), 'None', 'None']

85PE1.txt Time=0.03865506649017334s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01289

85PE2.txt Time=0.06315970420837402s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02105

85PE3.txt Time=0.18861093521118164s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.01886

85PE4.txt Time=0.04192848205566406s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

85PE5.txt Time=0.031166839599609374s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007792

Solution:5/5

:Avg runtime: 0.0727 Avg Backtracks: 4.0 Avg Assignments: 5.6

85PM1.txt Time=0.5414789915084839s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.03008

85PM2.txt Time=Infinitys Backtracks=1798 Assignments=1818 Solved=False AvgBacktrackTime=0

85PM3.txt Time=0.7830842733383179s Backtracks=9 Assignments=26 Solved=True  
AvgBacktrackTime=0.08701

85PM4.txt Time=1.061371386051178s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=0.5307

85PM5.txt Time=1.1766948103904724s Backtracks=39 Assignments=44 Solved=True  
AvgBacktrackTime=0.03017

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 373.2 Avg Assignments: 389.0

85PH1.txt Time=12.716299295425415s Backtracks=24 Assignments=171 Solved=True  
AvgBacktrackTime=0.5298

85PH2.txt Time=0.8649160861968994s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1730

85PH3.txt Time=115.45056748390198s Backtracks=1182 Assignments=1191 Solved=True  
AvgBacktrackTime=0.09767

85PH4.txt Time=274.8684139251709s Backtracks=3085 Assignments=3096 Solved=True  
AvgBacktrackTime=0.08910

85PH5.txt Time=Infinitys Backtracks=30850 Assignments=30960 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7029.2 Avg Assignments: 7085.6

86 [(['NKT', 'ArcConsistency', 'NKD'), 'None', 'LCV']

86PE1.txt Time=0.039475107192993165s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

86PE2.txt Time=0.06985828876495362s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03493

86PE3.txt Time=0.15308880805969238s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01914

86PE4.txt Time=0.04238770008087158s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

86PE5.txt Time=0.031293058395385744s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06722 Avg Backtracks: 2.0 Avg Assignments: 3.6

86PM1.txt Time=0.2509496212005615s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1255

86PM2.txt Time=1.1204286217689514s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=1.120

86PM3.txt Time=1.114650011062622s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.1239

86PM4.txt Time=Infinitys Backtracks=2145 Assignments=2175 Solved=False AvgBacktrackTime=0

86PM5.txt Time=1.2621467113494873s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.03606

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 438.4 Avg Assignments: 457.8

86PH1.txt Time=12.574416399002075s Backtracks=16 Assignments=167 Solved=True  
AvgBacktrackTime=0.7859

86PH2.txt Time=1.5292105674743652s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.1529

86PH3.txt Time=90.12734794616699s Backtracks=943 Assignments=952 Solved=True  
AvgBacktrackTime=0.09558

86PH4.txt Time=115.66121411323547s Backtracks=1427 Assignments=1438 Solved=True  
AvgBacktrackTime=0.08105

86PH5.txt Time=Infinitys Backtracks=14270 Assignments=14380 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3333.2 Avg Assignments: 3390.4

87 [('NKT', 'ArcConsistency', 'NKD'), 'MRV', 'None']

87PE1.txt Time=0.03848233222961426s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01283

87PE2.txt Time=0.060468530654907225s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02016

87PE3.txt Time=0.16676099300384523s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02779

87PE4.txt Time=0.042058682441711424s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

87PE5.txt Time=0.038829803466796875s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009707

Solution:5/5

:Avg runtime: 0.06932 Avg Backtracks: 3.2 Avg Assignments: 4.8

87PM1.txt Time=0.2686105966567993s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.08954

87PM2.txt Time=1.1519700288772583s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.1646

87PM3.txt Time=1.695959448814392s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.08076

87PM4.txt Time=1.4314631819725037s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=1.431

87PM5.txt Time=2.398350715637207s Backtracks=72 Assignments=77 Solved=True  
AvgBacktrackTime=0.03331

Solution:5/5

:Avg runtime: 1.389 Avg Backtracks: 20.8 Avg Assignments: 42.2

87PH1.txt Time=12.939806938171387s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=12.94

87PH2.txt Time=0.7934973239898682s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1587

87PH3.txt Time=104.60995101928711s Backtracks=1076 Assignments=1084 Solved=True  
AvgBacktrackTime=0.09722

87PH4.txt Time=32.21288871765137s Backtracks=362 Assignments=376 Solved=True  
AvgBacktrackTime=0.08899

87PH5.txt Time=396.8329577445984s Backtracks=4241 Assignments=4256 Solved=True  
AvgBacktrackTime=0.09357

Solution:5/5

:Avg runtime: 109.5 Avg Backtracks: 1137.0 Avg Assignments: 1177.8

88 [('NKT', 'ArcConsistency', 'NKD'), 'MRV', 'LCV']

88PE1.txt Time=0.03887152671813965s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

88PE2.txt Time=0.06953561305999756s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03477

88PE3.txt Time=0.14738867282867432s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.03685

88PE4.txt Time=0.04243144989013672s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

88PE5.txt Time=0.03970603942871094s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.06758 Avg Backtracks: 1.2 Avg Assignments: 2.8

88PM1.txt Time=0.3842219114303589s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.07684

88PM2.txt Time=1.345482051372528s Backtracks=6 Assignments=39 Solved=True  
AvgBacktrackTime=0.2242

88PM3.txt Time=1.0962885022163391s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

88PM4.txt Time=1.6048604846000671s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.4012

88PM5.txt Time=2.4565171599388123s Backtracks=67 Assignments=72 Solved=True  
AvgBacktrackTime=0.03666

Solution:5/5

:Avg runtime: 1.378 Avg Backtracks: 16.4 Avg Assignments: 40.2

88PH1.txt Time=13.495250940322876s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

88PH2.txt Time=1.3254356384277344s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.1473

88PH3.txt Time=48.032439947128296s Backtracks=465 Assignments=473 Solved=True  
AvgBacktrackTime=0.1033

88PH4.txt Time=79.77365469932556s Backtracks=806 Assignments=820 Solved=True  
AvgBacktrackTime=0.09897

88PH5.txt Time=Infinitys Backtracks=8060 Assignments=8200 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1868.0 Avg Assignments: 1935.2

89 [('NKT', 'ArcConsistency', 'NKD'), 'DH', 'None']

89PE1.txt Time=0.047711658477783206s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04771

89PE2.txt Time=0.05734853744506836s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.02867

89PE3.txt Time=0.11158292293548584s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02790

89PE4.txt Time=0.07910912036895752s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01130

89PE5.txt Time=0.059967875480651855s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008567

Solution:5/5

:Avg runtime: 0.07116 Avg Backtracks: 4.2 Avg Assignments: 5.6

89PM1.txt Time=Infinitys Backtracks=2463 Assignments=2469 Solved=False AvgBacktrackTime=0

89PM2.txt Time=Infinitys Backtracks=2768 Assignments=2786 Solved=False AvgBacktrackTime=0

89PM3.txt Time=Infinitys Backtracks=2661 Assignments=2676 Solved=False AvgBacktrackTime=0  
89PM4.txt Time=Infinitys Backtracks=2836 Assignments=2863 Solved=False AvgBacktrackTime=0  
89PM5.txt Time=5.8217979073524475s Backtracks=182 Assignments=187 Solved=True  
AvgBacktrackTime=0.03199

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2182.0 Avg Assignments: 2196.2

89PH1.txt Time=Infinitys Backtracks=5926 Assignments=6050 Solved=False AvgBacktrackTime=0  
89PH2.txt Time=3.501448154449463s Backtracks=36 Assignments=41 Solved=True  
AvgBacktrackTime=0.09726  
89PH3.txt Time=Infinitys Backtracks=7899 Assignments=7921 Solved=False AvgBacktrackTime=0  
89PH4.txt Time=Infinitys Backtracks=7924 Assignments=7933 Solved=False AvgBacktrackTime=0  
89PH5.txt Time=Infinitys Backtracks=79240 Assignments=79330 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20205.0 Avg Assignments: 20255.0

90 [('NKT', 'ArcConsistency', 'NKD'), 'DH', 'LCV']

90PE1.txt Time=0.04725964069366455s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04726  
90PE2.txt Time=0.05358045101165772s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0  
90PE3.txt Time=0.089564847946167s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04478  
90PE4.txt Time=0.07734403610229493s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03867  
90PE5.txt Time=0.05917444229125977s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02959

Solution:5/5

:Avg runtime: 0.06538 Avg Backtracks: 1.4 Avg Assignments: 2.8

90PM1.txt Time=Infinitys Backtracks=2451 Assignments=2461 Solved=False AvgBacktrackTime=0

90PM2.txt Time=Infinitys Backtracks=2727 Assignments=2750 Solved=False AvgBacktrackTime=0

90PM3.txt Time=22.206654369831085s Backtracks=903 Assignments=928 Solved=True  
AvgBacktrackTime=0.02459

90PM4.txt Time=Infinitys Backtracks=3400 Assignments=3430 Solved=False AvgBacktrackTime=0

90PM5.txt Time=7.223195314407349s Backtracks=212 Assignments=217 Solved=True  
AvgBacktrackTime=0.03407

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1938.6 Avg Assignments: 1957.2

90PH1.txt Time=Infinitys Backtracks=6819 Assignments=6960 Solved=False AvgBacktrackTime=0

90PH2.txt Time=3.1428914070129395s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.08494

90PH3.txt Time=Infinitys Backtracks=8082 Assignments=8101 Solved=False AvgBacktrackTime=0

90PH4.txt Time=Infinitys Backtracks=7640 Assignments=7657 Solved=False AvgBacktrackTime=0

90PH5.txt Time=Infinitys Backtracks=76400 Assignments=76570 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19795.6 Avg Assignments: 19866.0

91 [('NKT', 'NKD', 'ArcConsistency'), 'None', 'None']

91PE1.txt Time=0.030712175369262695s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01024



91PE2.txt Time=0.058440542221069335s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01948

91PE3.txt Time=0.13085334300994872s Backtracks=7 Assignments=10 Solved=True  
AvgBacktrackTime=0.01869

91PE4.txt Time=0.03610327243804932s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

91PE5.txt Time=0.029197144508361816s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007299

Solution:5/5

:Avg runtime: 0.05706 Avg Backtracks: 3.4 Avg Assignments: 5.0

91PM1.txt Time=0.31474387645721436s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.05246

91PM2.txt Time=Infinitys Backtracks=1820 Assignments=1839 Solved=False AvgBacktrackTime=0

91PM3.txt Time=0.7363189458847046s Backtracks=8 Assignments=24 Solved=True  
AvgBacktrackTime=0.09204

91PM4.txt Time=1.0597967505455017s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=0.5299

91PM5.txt Time=1.0696787238121033s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.02891

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 374.6 Avg Assignments: 389.8

91PH1.txt Time=12.33145785331726s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=0.6851

91PH2.txt Time=0.639176607131958s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.1278

91PH3.txt Time=98.50011038780212s Backtracks=992 Assignments=1001 Solved=True  
AvgBacktrackTime=0.09929

91PH4.txt Time=196.70300459861755s Backtracks=2242 Assignments=2253 Solved=True  
AvgBacktrackTime=0.08774

91PH5.txt Time=Infinitys Backtracks=22420 Assignments=22530 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5135.4 Avg Assignments: 5191.6

92 [('NKT', 'NKD', 'ArcConsistency'), 'None', 'LCV']

92PE1.txt Time=0.030959439277648926s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

92PE2.txt Time=0.06588025093078613s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03294

92PE3.txt Time=0.1263761043548584s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.02528

92PE4.txt Time=0.03648877143859863s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

92PE5.txt Time=0.029988861083984374s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.05794 Avg Backtracks: 1.4 Avg Assignments: 3.0

92PM1.txt Time=0.2522231340408325s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.2522

92PM2.txt Time=0.9269982576370239s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

92PM3.txt Time=0.9922946691513062s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.3308

92PM4.txt Time=Infinitys Backtracks=2496 Assignments=2526 Solved=False AvgBacktrackTime=0

92PM5.txt Time=1.1237760186195374s Backtracks=31 Assignments=36 Solved=True  
AvgBacktrackTime=0.03625

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 506.2 Avg Assignments: 524.6

92PH1.txt Time=12.581699848175049s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=1.398

92PH2.txt Time=1.0963695049285889s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.1566

92PH3.txt Time=91.65068221092224s Backtracks=958 Assignments=967 Solved=True  
AvgBacktrackTime=0.09567

92PH4.txt Time=79.46543431282043s Backtracks=980 Assignments=991 Solved=True  
AvgBacktrackTime=0.08109

92PH5.txt Time=Infinitys Backtracks=9800 Assignments=9910 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2350.8 Avg Assignments: 2407.8

93 [(['NKT', 'NKD', 'ArcConsistency'), 'MRV', 'None']

93PE1.txt Time=0.030828428268432618s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01028

93PE2.txt Time=0.058492517471313475s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01950

93PE3.txt Time=0.119258713722229s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.01988

93PE4.txt Time=0.03640668392181397s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

93PE5.txt Time=0.029426193237304686s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007357

Solution:5/5

:Avg runtime: 0.05488 Avg Backtracks: 3.2 Avg Assignments: 4.8

93PM1.txt Time=0.23684120178222656s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1184

93PM2.txt Time=1.1309276819229126s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.1616

93PM3.txt Time=1.4904512166976929s Backtracks=16 Assignments=41 Solved=True  
AvgBacktrackTime=0.09315

93PM4.txt Time=1.3609906435012817s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=1.361

93PM5.txt Time=2.0954015851020813s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.03676

Solution:5/5

:Avg runtime: 1.263 Avg Backtracks: 16.6 Avg Assignments: 37.4

93PH1.txt Time=12.919423341751099s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=12.92

93PH2.txt Time=0.7738461494445801s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.1548

93PH3.txt Time=88.23296999931335s Backtracks=874 Assignments=882 Solved=True  
AvgBacktrackTime=0.1010

93PH4.txt Time=26.46717929840088s Backtracks=300 Assignments=314 Solved=True  
AvgBacktrackTime=0.08822

93PH5.txt Time=321.7223014831543s Backtracks=3663 Assignments=3678 Solved=True  
AvgBacktrackTime=0.08783

Solution:5/5

:Avg runtime: 90.02 Avg Backtracks: 968.6 Avg Assignments: 1009.2

94 [(['NKT', 'NKD', 'ArcConsistency'), 'MRV', 'LCV']

94PE1.txt Time=0.030980515480041503s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

94PE2.txt Time=0.07571091651916503s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03786

94PE3.txt Time=0.11566050052642822s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02892

94PE4.txt Time=0.03645768165588379s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

94PE5.txt Time=0.02909252643585205s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0576 Avg Backtracks: 1.2 Avg Assignments: 2.8

94PM1.txt Time=0.2924097180366516s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1462

94PM2.txt Time=1.2243678569793701s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.2449

94PM3.txt Time=1.0538299083709717s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

94PM4.txt Time=1.5960352420806885s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.3990

94PM5.txt Time=2.17519211769104s Backtracks=53 Assignments=57 Solved=True  
AvgBacktrackTime=0.04104

Solution:5/5

:Avg runtime: 1.268 Avg Backtracks: 12.8 Avg Assignments: 35.8

94PH1.txt Time=13.640524864196777s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=13.64

94PH2.txt Time=0.8888192176818848s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.2222

94PH3.txt Time=39.944109201431274s Backtracks=372 Assignments=380 Solved=True  
AvgBacktrackTime=0.1074

94PH4.txt Time=64.46970462799072s Backtracks=659 Assignments=673 Solved=True  
AvgBacktrackTime=0.09783

94PH5.txt Time=Infinitys Backtracks=6590 Assignments=6730 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1525.2 Avg Assignments: 1592.2

95 [('NKT', 'NKD', 'ArcConsistency'), 'DH', 'None']

95PE1.txt Time=0.04248049259185791s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04248

95PE2.txt Time=0.036231160163879395s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.01812

95PE3.txt Time=0.11134648323059082s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02784

95PE4.txt Time=0.06075351238250733s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008679

95PE5.txt Time=0.05129737854003906s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.007328

Solution:5/5

:Avg runtime: 0.06044 Avg Backtracks: 4.2 Avg Assignments: 5.4

95PM1.txt Time=53.653479278087616s Backtracks=2208 Assignments=2218 Solved=True  
AvgBacktrackTime=0.02430

95PM2.txt Time=Infinitys Backtracks=2794 Assignments=2812 Solved=False AvgBacktrackTime=0

95PM3.txt Time=Infinitys Backtracks=2655 Assignments=2672 Solved=False AvgBacktrackTime=0

95PM4.txt Time=Infinitys Backtracks=3185 Assignments=3207 Solved=False AvgBacktrackTime=0

95PM5.txt Time=3.4785730242729187s Backtracks=104 Assignments=109 Solved=True  
AvgBacktrackTime=0.03345

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2189.2 Avg Assignments: 2203.6

95PH1.txt Time=Infinitys Backtracks=5813 Assignments=5936 Solved=False AvgBacktrackTime=0  
95PH2.txt Time=3.014223337173462s Backtracks=29 Assignments=33 Solved=True  
AvgBacktrackTime=0.1039  
95PH3.txt Time=Infinitys Backtracks=7373 Assignments=7386 Solved=False AvgBacktrackTime=0  
95PH4.txt Time=Infinitys Backtracks=7503 Assignments=7515 Solved=False AvgBacktrackTime=0  
95PH5.txt Time=Infinitys Backtracks=75030 Assignments=75150 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19149.6 Avg Assignments: 19204.0

96 [(['NKT', 'NKD', 'ArcConsistency'), 'DH', 'LCV']

96PE1.txt Time=0.042487931251525876s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.04249  
96PE2.txt Time=0.035658979415893556s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0  
96PE3.txt Time=0.07117140293121338s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07117  
96PE4.txt Time=0.05911996364593506s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02956  
96PE5.txt Time=0.05067963600158691s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02534

Solution:5/5

:Avg runtime: 0.05182 Avg Backtracks: 1.2 Avg Assignments: 2.4

96PM1.txt Time=Infinitys Backtracks=2484 Assignments=2488 Solved=False AvgBacktrackTime=0  
96PM2.txt Time=Infinitys Backtracks=2757 Assignments=2778 Solved=False AvgBacktrackTime=0  
96PM3.txt Time=18.388982832431793s Backtracks=795 Assignments=820 Solved=True  
AvgBacktrackTime=0.02313

96PM4.txt Time=Infinitys Backtracks=3187 Assignments=3219 Solved=False AvgBacktrackTime=0

96PM5.txt Time=4.32513952255249s Backtracks=126 Assignments=131 Solved=True  
AvgBacktrackTime=0.03433

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1869.8 Avg Assignments: 1887.2

96PH1.txt Time=Infinitys Backtracks=6727 Assignments=6868 Solved=False AvgBacktrackTime=0

96PH2.txt Time=1.3273861408233643s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.2212

96PH3.txt Time=Infinitys Backtracks=7855 Assignments=7870 Solved=False AvgBacktrackTime=0

96PH4.txt Time=Infinitys Backtracks=8182 Assignments=8196 Solved=False AvgBacktrackTime=0

96PH5.txt Time=Infinitys Backtracks=81820 Assignments=81960 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20918.0 Avg Assignments: 20980.8

97 [('ForwardChecking',), 'None', 'None']

97PE1.txt Time=0.10966758728027344s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.01828

97PE2.txt Time=0.14785463809967042s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.01643

97PE3.txt Time=0.6607578277587891s Backtracks=69 Assignments=78 Solved=True  
AvgBacktrackTime=0.009576

97PE4.txt Time=0.24187016487121582s Backtracks=7 Assignments=17 Solved=True  
AvgBacktrackTime=0.03455

97PE5.txt Time=0.06437883377075196s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.01288



Solution:5/5

:Avg runtime: 0.2448 Avg Backtracks: 19.2 Avg Assignments: 25.8

97PM1.txt Time=Infinitys Backtracks=2263 Assignments=2277 Solved=False AvgBacktrackTime=0

97PM2.txt Time=Infinitys Backtracks=1376 Assignments=1404 Solved=False AvgBacktrackTime=0

97PM3.txt Time=21.683047652244568s Backtracks=730 Assignments=757 Solved=True  
AvgBacktrackTime=0.02970

97PM4.txt Time=Infinitys Backtracks=1885 Assignments=1925 Solved=False AvgBacktrackTime=0

97PM5.txt Time=54.98975622653961s Backtracks=1748 Assignments=1766 Solved=True  
AvgBacktrackTime=0.03146

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1600.4 Avg Assignments: 1625.8

97PH1.txt Time=Infinitys Backtracks=7443 Assignments=7484 Solved=False AvgBacktrackTime=0

97PH2.txt Time=25.82626700401306s Backtracks=438 Assignments=455 Solved=True  
AvgBacktrackTime=0.05896

97PH3.txt Time=Infinitys Backtracks=8771 Assignments=8799 Solved=False AvgBacktrackTime=0

97PH4.txt Time=Infinitys Backtracks=6196 Assignments=6224 Solved=False AvgBacktrackTime=0

97PH5.txt Time=Infinitys Backtracks=61960 Assignments=62240 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 16961.6 Avg Assignments: 17040.4

98 [('ForwardChecking',), 'None', 'LCV']

98PE1.txt Time=0.1177229642868042s Backtracks=1 Assignments=6 Solved=True  
AvgBacktrackTime=0.1177

98PE2.txt Time=0.27502989768981934s Backtracks=16 Assignments=22 Solved=True  
AvgBacktrackTime=0.01719

98PE3.txt Time=0.7289843797683716s Backtracks=72 Assignments=81 Solved=True  
AvgBacktrackTime=0.01012

98PE4.txt Time=0.302040696144104s Backtracks=10 Assignments=20 Solved=True  
AvgBacktrackTime=0.03020

98PE5.txt Time=0.06354138851165772s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2976 Avg Backtracks: 19.8 Avg Assignments: 26.4

98PM1.txt Time=36.29737162590027s Backtracks=1313 Assignments=1333 Solved=True  
AvgBacktrackTime=0.02764

98PM2.txt Time=2.3466755151748657s Backtracks=22 Assignments=57 Solved=True  
AvgBacktrackTime=0.1067

98PM3.txt Time=21.483088314533234s Backtracks=858 Assignments=895 Solved=True  
AvgBacktrackTime=0.02504

98PM4.txt Time=Infinitys Backtracks=1539 Assignments=1572 Solved=False AvgBacktrackTime=0

98PM5.txt Time=Infinitys Backtracks=1863 Assignments=1879 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 1119.0 Avg Assignments: 1147.2

98PH1.txt Time=34.90339422225952s Backtracks=690 Assignments=847 Solved=True  
AvgBacktrackTime=0.05058

98PH2.txt Time=147.74764895439148s Backtracks=1939 Assignments=1956 Solved=True  
AvgBacktrackTime=0.07620

98PH3.txt Time=Infinitys Backtracks=7729 Assignments=7747 Solved=False AvgBacktrackTime=0

98PH4.txt Time=Infinitys Backtracks=5399 Assignments=5423 Solved=False AvgBacktrackTime=0

98PH5.txt Time=Infinitys Backtracks=53990 Assignments=54230 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 13949.4 Avg Assignments: 14040.6

99 [['ForwardChecking'], 'MRV', 'None']

99PE1.txt Time=0.12202043533325195s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.02034

99PE2.txt Time=0.1558846950531006s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.01417

99PE3.txt Time=0.5723166942596436s Backtracks=42 Assignments=51 Solved=True  
AvgBacktrackTime=0.01363

99PE4.txt Time=0.2108135223388672s Backtracks=2 Assignments=13 Solved=True  
AvgBacktrackTime=0.1054

99PE5.txt Time=0.06385149955749511s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.01277

Solution:5/5

:Avg runtime: 0.225 Avg Backtracks: 13.2 Avg Assignments: 20.0

99PM1.txt Time=5.801118791103363s Backtracks=170 Assignments=193 Solved=True  
AvgBacktrackTime=0.03412

99PM2.txt Time=2.2560805082321167s Backtracks=44 Assignments=86 Solved=True  
AvgBacktrackTime=0.05127

99PM3.txt Time=3.4538683891296387s Backtracks=64 Assignments=103 Solved=True  
AvgBacktrackTime=0.05397

99PM4.txt Time=1.8915830850601196s Backtracks=4 Assignments=52 Solved=True  
AvgBacktrackTime=0.4729

99PM5.txt Time=55.573421239852905s Backtracks=1516 Assignments=1535 Solved=True  
AvgBacktrackTime=0.03666

Solution:5/5

:Avg runtime: 13.79 Avg Backtracks: 359.6 Avg Assignments: 393.8

99PH1.txt Time=13.752828598022461s Backtracks=6 Assignments=171 Solved=True  
AvgBacktrackTime=2.292

99PH2.txt Time=5.865895986557007s Backtracks=54 Assignments=77 Solved=True  
AvgBacktrackTime=0.1086

99PH3.txt Time=Infinitys Backtracks=5219 Assignments=5248 Solved=False AvgBacktrackTime=0

99PH4.txt Time=Infinitys Backtracks=5092 Assignments=5116 Solved=False AvgBacktrackTime=0

99PH5.txt Time=Infinitys Backtracks=50920 Assignments=51160 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 12258.2 Avg Assignments: 12354.4

100 [('ForwardChecking',), 'MRV', 'LCV']

100PE1.txt Time=0.1203157663345337s Backtracks=1 Assignments=6 Solved=True  
AvgBacktrackTime=0.1203

100PE2.txt Time=0.2541733980178833s Backtracks=16 Assignments=22 Solved=True  
AvgBacktrackTime=0.01589

100PE3.txt Time=0.3662501335144043s Backtracks=27 Assignments=36 Solved=True  
AvgBacktrackTime=0.01356

100PE4.txt Time=0.30072975158691406s Backtracks=9 Assignments=20 Solved=True  
AvgBacktrackTime=0.03341

100PE5.txt Time=0.06359579563140869s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2212 Avg Backtracks: 10.6 Avg Assignments: 17.4

100PM1.txt Time=20.339651584625244s Backtracks=627 Assignments=650 Solved=True  
AvgBacktrackTime=0.03244

100PM2.txt Time=1.8087849020957947s Backtracks=25 Assignments=67 Solved=True  
AvgBacktrackTime=0.07235

100PM3.txt Time=27.948827922344208s Backtracks=626 Assignments=666 Solved=True  
AvgBacktrackTime=0.04465

100PM4.txt Time=3.385306417942047s Backtracks=45 Assignments=98 Solved=True  
AvgBacktrackTime=0.07523

100PM5.txt Time=Infinitys Backtracks=1686 Assignments=1696 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 601.8 Avg Assignments: 635.4

100PH1.txt Time=15.539030075073242s Backtracks=10 Assignments=184 Solved=True  
AvgBacktrackTime=1.554

100PH2.txt Time=55.59996676445007s Backtracks=667 Assignments=690 Solved=True  
AvgBacktrackTime=0.08336

100PH3.txt Time=Infinitys Backtracks=4728 Assignments=4756 Solved=False AvgBacktrackTime=0

100PH4.txt Time=Infinitys Backtracks=4271 Assignments=4302 Solved=False AvgBacktrackTime=0

100PH5.txt Time=Infinitys Backtracks=42710 Assignments=43020 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 10477.2 Avg Assignments: 10590.4

101 [(['ForwardChecking'), 'DH', 'None']

101PE1.txt Time=0.10622661113739014s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.05311

101PE2.txt Time=0.6966323137283326s Backtracks=63 Assignments=72 Solved=True  
AvgBacktrackTime=0.01106

101PE3.txt Time=27.381626749038695s Backtracks=3083 Assignments=3095 Solved=True  
AvgBacktrackTime=0.008881

101PE4.txt Time=0.3951585292816162s Backtracks=30 Assignments=36 Solved=True  
AvgBacktrackTime=0.01317

101PE5.txt Time=0.13372359275817872s Backtracks=10 Assignments=14 Solved=True  
AvgBacktrackTime=0.01337

Solution:5/5

:Avg runtime: 5.742 Avg Backtracks: 637.6 Avg Assignments: 644.6

101PM1.txt Time=Infinitys Backtracks=3371 Assignments=3383 Solved=False AvgBacktrackTime=0

101PM2.txt Time=Infinitys Backtracks=3222 Assignments=3249 Solved=False AvgBacktrackTime=0

101PM3.txt Time=Infinitys Backtracks=2573 Assignments=2601 Solved=False AvgBacktrackTime=0

101PM4.txt Time=Infinitys Backtracks=2569 Assignments=2605 Solved=False AvgBacktrackTime=0

101PM5.txt Time=Infinitys Backtracks=2227 Assignments=2237 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2792.4 Avg Assignments: 2815.0

101PH1.txt Time=Infinitys Backtracks=2746 Assignments=2896 Solved=False AvgBacktrackTime=0

101PH2.txt Time=Infinitys Backtracks=4235 Assignments=4256 Solved=False AvgBacktrackTime=0

101PH3.txt Time=Infinitys Backtracks=5849 Assignments=5869 Solved=False AvgBacktrackTime=0

101PH4.txt Time=Infinitys Backtracks=5455 Assignments=5477 Solved=False AvgBacktrackTime=0

101PH5.txt Time=Infinitys Backtracks=54550 Assignments=54770 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 14567.0 Avg Assignments: 14653.6

102 [('ForwardChecking'), 'DH', 'LCV']

102PE1.txt Time=0.12001862525939941s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.02000

102PE2.txt Time=0.378754186630249s Backtracks=21 Assignments=30 Solved=True  
AvgBacktrackTime=0.01804

102PE3.txt Time=20.973235368728638s Backtracks=2372 Assignments=2384 Solved=True  
AvgBacktrackTime=0.008842

102PE4.txt Time=0.3591397762298584s Backtracks=22 Assignments=28 Solved=True  
AvgBacktrackTime=0.01632

102PE5.txt Time=0.13339834213256835s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.03335

Solution:5/5

:Avg runtime: 4.392 Avg Backtracks: 485.0 Avg Assignments: 492.0

102PM1.txt Time=Infinitys Backtracks=2454 Assignments=2470 Solved=False AvgBacktrackTime=0

102PM2.txt Time=Infinitys Backtracks=2279 Assignments=2309 Solved=False AvgBacktrackTime=0

102PM3.txt Time=Infinitys Backtracks=1771 Assignments=1806 Solved=False AvgBacktrackTime=0

102PM4.txt Time=Infinitys Backtracks=1848 Assignments=1894 Solved=False AvgBacktrackTime=0

102PM5.txt Time=Infinitys Backtracks=2247 Assignments=2255 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2119.8 Avg Assignments: 2146.8

102PH1.txt Time=Infinitys Backtracks=1633 Assignments=1803 Solved=False AvgBacktrackTime=0

102PH2.txt Time=Infinitys Backtracks=4296 Assignments=4317 Solved=False AvgBacktrackTime=0

102PH3.txt Time=Infinitys Backtracks=4802 Assignments=4829 Solved=False AvgBacktrackTime=0

102PH4.txt Time=Infinitys Backtracks=5149 Assignments=5179 Solved=False AvgBacktrackTime=0

102PH5.txt Time=Infinitys Backtracks=51490 Assignments=51790 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 13474.0 Avg Assignments: 13583.6

103 [('ForwardChecking', 'NKT'), 'None', 'None']

103PE1.txt Time=0.07707810401916504s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.01927

103PE2.txt Time=0.09053175449371338s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02263

103PE3.txt Time=0.294992995262146s Backtracks=15 Assignments=20 Solved=True  
AvgBacktrackTime=0.01967

103PE4.txt Time=0.12412877082824707s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.1241

103PE5.txt Time=0.04625327587127685s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01156

Solution:5/5

:Avg runtime: 0.1266 Avg Backtracks: 5.6 Avg Assignments: 9.4

103PM1.txt Time=21.503262996673584s Backtracks=696 Assignments=712 Solved=True  
AvgBacktrackTime=0.03090

103PM2.txt Time=Infinitys Backtracks=1272 Assignments=1291 Solved=False AvgBacktrackTime=0

103PM3.txt Time=2.2750749588012695s Backtracks=41 Assignments=62 Solved=True  
AvgBacktrackTime=0.05549

103PM4.txt Time=1.9701639413833618s Backtracks=12 Assignments=49 Solved=True  
AvgBacktrackTime=0.1642

103PM5.txt Time=3.6466320753097534s Backtracks=118 Assignments=128 Solved=True  
AvgBacktrackTime=0.03090

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 427.8 Avg Assignments: 448.4



103PH1.txt Time=35.50916004180908s Backtracks=117 Assignments=268 Solved=True  
AvgBacktrackTime=0.3035

103PH2.txt Time=2.7937817573547363s Backtracks=21 Assignments=31 Solved=True  
AvgBacktrackTime=0.1330

103PH3.txt Time=Infinitys Backtracks=3756 Assignments=3784 Solved=False AvgBacktrackTime=0

103PH4.txt Time=Infinitys Backtracks=3122 Assignments=3144 Solved=False AvgBacktrackTime=0

103PH5.txt Time=Infinitys Backtracks=31220 Assignments=31440 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 7647.2 Avg Assignments: 7733.4

104 [('ForwardChecking', 'NKT'), 'None', 'LCV']

104PE1.txt Time=0.07283103466033936s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

104PE2.txt Time=0.09735636711120606s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.04868

104PE3.txt Time=0.27413644790649416s Backtracks=13 Assignments=18 Solved=True  
AvgBacktrackTime=0.02109

104PE4.txt Time=0.19875516891479492s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.03975

104PE5.txt Time=0.04689481258392334s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1380 Avg Backtracks: 4.0 Avg Assignments: 7.8

104PM1.txt Time=7.977324843406677s Backtracks=227 Assignments=243 Solved=True  
AvgBacktrackTime=0.03514

104PM2.txt Time=1.685916006565094s Backtracks=1 Assignments=36 Solved=True  
AvgBacktrackTime=1.686

104PM3.txt Time=2.194041132926941s Backtracks=35 Assignments=63 Solved=True  
AvgBacktrackTime=0.06269

104PM4.txt Time=Infinitys Backtracks=1498 Assignments=1532 Solved=False AvgBacktrackTime=0

104PM5.txt Time=4.684560000896454s Backtracks=134 Assignments=144 Solved=True  
AvgBacktrackTime=0.03496

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 379.0 Avg Assignments: 403.6

104PH1.txt Time=18.560001850128174s Backtracks=39 Assignments=194 Solved=True  
AvgBacktrackTime=0.4759

104PH2.txt Time=5.779680013656616s Backtracks=53 Assignments=63 Solved=True  
AvgBacktrackTime=0.1091

104PH3.txt Time=Infinitys Backtracks=3343 Assignments=3365 Solved=False AvgBacktrackTime=0

104PH4.txt Time=Infinitys Backtracks=3063 Assignments=3086 Solved=False AvgBacktrackTime=0

104PH5.txt Time=Infinitys Backtracks=30630 Assignments=30860 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 7425.6 Avg Assignments: 7513.6

105 [('ForwardChecking', 'NKT'), 'MRV', 'None']

105PE1.txt Time=0.07692618370056152s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.01923

105PE2.txt Time=0.1146620273590088s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.02867

105PE3.txt Time=0.2629427194595337s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.02629

105PE4.txt Time=0.1484511137008667s Backtracks=2 Assignments=8 Solved=True  
AvgBacktrackTime=0.07423

105PE5.txt Time=0.04632635116577148s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01158

Solution:5/5

:Avg runtime: 0.1299 Avg Backtracks: 4.8 Avg Assignments: 8.8

105PM1.txt Time=3.1911566257476807s Backtracks=62 Assignments=80 Solved=True  
AvgBacktrackTime=0.05147

105PM2.txt Time=1.5416836142539978s Backtracks=9 Assignments=39 Solved=True  
AvgBacktrackTime=0.1713

105PM3.txt Time=6.556898832321167s Backtracks=98 Assignments=128 Solved=True  
AvgBacktrackTime=0.06691

105PM4.txt Time=2.059259831905365s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=2.059

105PM5.txt Time=7.621191382408142s Backtracks=168 Assignments=180 Solved=True  
AvgBacktrackTime=0.04536

Solution:5/5

:Avg runtime: 4.194 Avg Backtracks: 67.6 Avg Assignments: 94.4

105PH1.txt Time=18.249223709106445s Backtracks=5 Assignments=169 Solved=True  
AvgBacktrackTime=3.650

105PH2.txt Time=3.676419734954834s Backtracks=21 Assignments=35 Solved=True  
AvgBacktrackTime=0.1751

105PH3.txt Time=Infinitys Backtracks=2568 Assignments=2588 Solved=False AvgBacktrackTime=0

105PH4.txt Time=Infinitys Backtracks=2744 Assignments=2764 Solved=False AvgBacktrackTime=0

105PH5.txt Time=Infinitys Backtracks=27440 Assignments=27640 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6555.6 Avg Assignments: 6639.2

106 [('ForwardChecking', 'NKT'), 'MRV', 'LCV']

106PE1.txt Time=0.07096753120422364s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

106PE2.txt Time=0.1212761640548706s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.06064

106PE3.txt Time=0.2442692756652832s Backtracks=8 Assignments=13 Solved=True  
AvgBacktrackTime=0.03053

106PE4.txt Time=0.12307703495025635s Backtracks=0 Assignments=6 Solved=True  
AvgBacktrackTime=0

106PE5.txt Time=0.04663259983062744s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1212 Avg Backtracks: 2.0 Avg Assignments: 6.0

106PM1.txt Time=3.107286036014557s Backtracks=57 Assignments=75 Solved=True  
AvgBacktrackTime=0.05451

106PM2.txt Time=2.0584623217582703s Backtracks=4 Assignments=46 Solved=True  
AvgBacktrackTime=0.5146

106PM3.txt Time=2.3937107920646667s Backtracks=16 Assignments=51 Solved=True  
AvgBacktrackTime=0.1496

106PM4.txt Time=2.302467167377472s Backtracks=18 Assignments=60 Solved=True  
AvgBacktrackTime=0.1279

106PM5.txt Time=8.61346685886383s Backtracks=183 Assignments=195 Solved=True  
AvgBacktrackTime=0.04707

Solution:5/5

:Avg runtime: 3.694 Avg Backtracks: 55.6 Avg Assignments: 85.4

106PH1.txt Time=19.093579292297363s Backtracks=0 Assignments=173 Solved=True  
AvgBacktrackTime=0

106PH2.txt Time=7.1781415939331055s Backtracks=52 Assignments=66 Solved=True  
AvgBacktrackTime=0.1380

106PH3.txt Time=Infinitys Backtracks=2550 Assignments=2571 Solved=False AvgBacktrackTime=0

106PH4.txt Time=Infinitys Backtracks=2593 Assignments=2616 Solved=False AvgBacktrackTime=0

106PH5.txt Time=Infinitys Backtracks=25930 Assignments=26160 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6225.0 Avg Assignments: 6317.2

107 [('ForwardChecking', 'NKT'), 'DH', 'None']

107PE1.txt Time=0.1511301040649414s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.03023

107PE2.txt Time=0.20032799243927002s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.02862

107PE3.txt Time=0.5576889991760254s Backtracks=33 Assignments=40 Solved=True  
AvgBacktrackTime=0.01690

107PE4.txt Time=0.21067371368408203s Backtracks=16 Assignments=20 Solved=True  
AvgBacktrackTime=0.01317

107PE5.txt Time=0.07480435371398926s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01069

Solution:5/5

:Avg runtime: 0.239 Avg Backtracks: 13.6 Avg Assignments: 17.8

107PM1.txt Time=Infinitys Backtracks=2175 Assignments=2183 Solved=False AvgBacktrackTime=0

107PM2.txt Time=Infinitys Backtracks=2259 Assignments=2277 Solved=False AvgBacktrackTime=0

107PM3.txt Time=Infinitys Backtracks=1865 Assignments=1887 Solved=False AvgBacktrackTime=0

107PM4.txt Time=Infinitys Backtracks=2408 Assignments=2431 Solved=False AvgBacktrackTime=0

107PM5.txt Time=Infinitys Backtracks=1597 Assignments=1604 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2060.8 Avg Assignments: 2076.4

107PH1.txt Time=Infinitys Backtracks=2961 Assignments=3085 Solved=False AvgBacktrackTime=0

107PH2.txt Time=Infinitys Backtracks=3124 Assignments=3133 Solved=False AvgBacktrackTime=0

107PH3.txt Time=Infinitys Backtracks=3069 Assignments=3091 Solved=False AvgBacktrackTime=0

107PH4.txt Time=Infinitys Backtracks=3111 Assignments=3129 Solved=False AvgBacktrackTime=0

107PH5.txt Time=Infinitys Backtracks=31110 Assignments=31290 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 8675.0 Avg Assignments: 8745.6

108 [('ForwardChecking', 'NKT'), 'DH', 'LCV']

108PE1.txt Time=0.09988181591033936s Backtracks=2 Assignments=5 Solved=True

AvgBacktrackTime=0.04994

108PE2.txt Time=0.1475799560546875s Backtracks=2 Assignments=7 Solved=True

AvgBacktrackTime=0.07379

108PE3.txt Time=0.23982322216033936s Backtracks=9 Assignments=16 Solved=True

AvgBacktrackTime=0.02665

108PE4.txt Time=0.2284173011779785s Backtracks=10 Assignments=14 Solved=True

AvgBacktrackTime=0.02284

108PE5.txt Time=0.07421326637268066s Backtracks=2 Assignments=4 Solved=True

AvgBacktrackTime=0.03711

Solution:5/5

:Avg runtime: 0.1580 Avg Backtracks: 5.0 Avg Assignments: 9.2

108PM1.txt Time=Infinitys Backtracks=2101 Assignments=2108 Solved=False AvgBacktrackTime=0  
108PM2.txt Time=Infinitys Backtracks=1744 Assignments=1767 Solved=False AvgBacktrackTime=0  
108PM3.txt Time=Infinitys Backtracks=1530 Assignments=1553 Solved=False AvgBacktrackTime=0  
108PM4.txt Time=Infinitys Backtracks=1604 Assignments=1636 Solved=False AvgBacktrackTime=0  
108PM5.txt Time=Infinitys Backtracks=1560 Assignments=1568 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1707.8 Avg Assignments: 1726.4

108PH1.txt Time=Infinitys Backtracks=1968 Assignments=2111 Solved=False AvgBacktrackTime=0  
108PH2.txt Time=Infinitys Backtracks=2825 Assignments=2836 Solved=False AvgBacktrackTime=0  
108PH3.txt Time=Infinitys Backtracks=2743 Assignments=2757 Solved=False AvgBacktrackTime=0  
108PH4.txt Time=Infinitys Backtracks=3121 Assignments=3141 Solved=False AvgBacktrackTime=0  
108PH5.txt Time=Infinitys Backtracks=31210 Assignments=31410 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 8373.4 Avg Assignments: 8451.0

109 [('NKT', 'ForwardChecking'), 'None', 'None']

109PE1.txt Time=0.08622260093688965s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02874

109PE2.txt Time=0.08982064723968505s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02246

109PE3.txt Time=0.2216965913772583s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.01847

109PE4.txt Time=0.10818293094635009s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.1082

109PE5.txt Time=0.05853128433227539s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01463

Solution:5/5

:Avg runtime: 0.1129 Avg Backtracks: 4.8 Avg Assignments: 8.2

109PM1.txt Time=14.563497841358185s Backtracks=540 Assignments=555 Solved=True  
AvgBacktrackTime=0.02697

109PM2.txt Time=Infinitys Backtracks=1427 Assignments=1451 Solved=False AvgBacktrackTime=0

109PM3.txt Time=1.751729130744934s Backtracks=34 Assignments=54 Solved=True  
AvgBacktrackTime=0.05152

109PM4.txt Time=1.633322536945343s Backtracks=10 Assignments=46 Solved=True  
AvgBacktrackTime=0.1633

109PM5.txt Time=2.7942758202552795s Backtracks=101 Assignments=111 Solved=True  
AvgBacktrackTime=0.02767

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 422.4 Avg Assignments: 443.4

109PH1.txt Time=24.41182565689087s Backtracks=59 Assignments=210 Solved=True  
AvgBacktrackTime=0.4138

109PH2.txt Time=2.2137112617492676s Backtracks=15 Assignments=25 Solved=True  
AvgBacktrackTime=0.1476

109PH3.txt Time=Infinitys Backtracks=3091 Assignments=3115 Solved=False AvgBacktrackTime=0

109PH4.txt Time=Infinitys Backtracks=2855 Assignments=2876 Solved=False AvgBacktrackTime=0

109PH5.txt Time=Infinitys Backtracks=28550 Assignments=28760 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6914.0 Avg Assignments: 6997.2



110 [('NKT', 'ForwardChecking'), 'None', 'LCV']

110PE1.txt Time=0.09236001968383789s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.09236

110PE2.txt Time=0.09968836307525634s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.04984

110PE3.txt Time=0.21769344806671143s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.02177

110PE4.txt Time=0.11912093162536622s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

110PE5.txt Time=0.05862417221069336s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1175 Avg Backtracks: 2.6 Avg Assignments: 6.0

110PM1.txt Time=6.1756622195243835s Backtracks=199 Assignments=214 Solved=True  
AvgBacktrackTime=0.03103

110PM2.txt Time=1.7158746719360352s Backtracks=1 Assignments=36 Solved=True  
AvgBacktrackTime=1.716

110PM3.txt Time=1.9650818705558777s Backtracks=36 Assignments=65 Solved=True  
AvgBacktrackTime=0.05459

110PM4.txt Time=Infinitys Backtracks=1954 Assignments=1982 Solved=False AvgBacktrackTime=0

110PM5.txt Time=3.5291407108306885s Backtracks=117 Assignments=127 Solved=True  
AvgBacktrackTime=0.03016

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 461.4 Avg Assignments: 484.8

110PH1.txt Time=17.508492708206177s Backtracks=22 Assignments=177 Solved=True  
AvgBacktrackTime=0.7958

110PH2.txt Time=6.030673265457153s Backtracks=64 Assignments=74 Solved=True  
AvgBacktrackTime=0.09423

110PH3.txt Time=Infinitys Backtracks=2942 Assignments=2965 Solved=False AvgBacktrackTime=0  
110PH4.txt Time=Infinitys Backtracks=2837 Assignments=2856 Solved=False AvgBacktrackTime=0  
110PH5.txt Time=Infinitys Backtracks=28370 Assignments=28560 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6847.0 Avg Assignments: 6926.4

111 [('NKT', 'ForwardChecking'), 'MRV', 'None']

111PE1.txt Time=0.0870161771774292s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02901

111PE2.txt Time=0.1136892557144165s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.02842

111PE3.txt Time=0.2375049591064453s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.01979

111PE4.txt Time=0.10804393291473388s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.1080

111PE5.txt Time=0.05831644535064697s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01458

Solution:5/5

:Avg runtime: 0.1209 Avg Backtracks: 4.8 Avg Assignments: 8.4

111PM1.txt Time=2.615152060985565s Backtracks=66 Assignments=83 Solved=True  
AvgBacktrackTime=0.03962

111PM2.txt Time=1.452640414237976s Backtracks=9 Assignments=39 Solved=True  
AvgBacktrackTime=0.1614

111PM3.txt Time=9.150863587856293s Backtracks=220 Assignments=250 Solved=True  
AvgBacktrackTime=0.04159

111PM4.txt Time=2.084230065345764s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=2.084

111PM5.txt Time=5.9201420545578s Backtracks=157 Assignments=168 Solved=True  
AvgBacktrackTime=0.03771

Solution:5/5

:Avg runtime: 4.244 Avg Backtracks: 90.6 Avg Assignments: 117.0

111PH1.txt Time=17.660308599472046s Backtracks=5 Assignments=169 Solved=True  
AvgBacktrackTime=3.532

111PH2.txt Time=2.941270112991333s Backtracks=18 Assignments=31 Solved=True  
AvgBacktrackTime=0.1634

111PH3.txt Time=Infinitys Backtracks=2538 Assignments=2558 Solved=False AvgBacktrackTime=0

111PH4.txt Time=Infinitys Backtracks=2537 Assignments=2558 Solved=False AvgBacktrackTime=0

111PH5.txt Time=Infinitys Backtracks=25370 Assignments=25580 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6093.6 Avg Assignments: 6179.2

112 [('NKT', 'ForwardChecking'), 'MRV', 'LCV']

112PE1.txt Time=0.09202969074249268s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.09203

112PE2.txt Time=0.1313488721847534s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.06567

112PE3.txt Time=0.23372337818145753s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.02337

112PE4.txt Time=0.10789992809295654s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

112PE5.txt Time=0.058508896827697755s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1247 Avg Backtracks: 2.6 Avg Assignments: 6.2

112PM1.txt Time=2.2348034977912903s Backtracks=50 Assignments=67 Solved=True  
AvgBacktrackTime=0.04470

112PM2.txt Time=2.026917338371277s Backtracks=4 Assignments=46 Solved=True  
AvgBacktrackTime=0.5067

112PM3.txt Time=1.8222438097000122s Backtracks=8 Assignments=42 Solved=True  
AvgBacktrackTime=0.2278

112PM4.txt Time=2.344706892967224s Backtracks=16 Assignments=60 Solved=True  
AvgBacktrackTime=0.1465

112PM5.txt Time=6.589913070201874s Backtracks=171 Assignments=182 Solved=True  
AvgBacktrackTime=0.03854

Solution:5/5

:Avg runtime: 3.004 Avg Backtracks: 49.8 Avg Assignments: 79.4

112PH1.txt Time=18.777814388275146s Backtracks=0 Assignments=173 Solved=True  
AvgBacktrackTime=0

112PH2.txt Time=4.053159236907959s Backtracks=25 Assignments=38 Solved=True  
AvgBacktrackTime=0.1621

112PH3.txt Time=Infinitys Backtracks=2443 Assignments=2458 Solved=False AvgBacktrackTime=0

112PH4.txt Time=Infinitys Backtracks=2435 Assignments=2457 Solved=False AvgBacktrackTime=0

112PH5.txt Time=Infinitys Backtracks=24350 Assignments=24570 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 5850.6 Avg Assignments: 5939.2

113 [['NKT', 'ForwardChecking'], 'DH', 'None']

113PE1.txt Time=0.11130995750427246s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.02226

113PE2.txt Time=0.18113558292388915s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.01647

113PE3.txt Time=0.37916676998138427s Backtracks=27 Assignments=33 Solved=True  
AvgBacktrackTime=0.01404

113PE4.txt Time=0.12787206172943116s Backtracks=11 Assignments=14 Solved=True  
AvgBacktrackTime=0.01162

113PE5.txt Time=0.09019718170166016s Backtracks=8 Assignments=10 Solved=True  
AvgBacktrackTime=0.01127

Solution:5/5

:Avg runtime: 0.1779 Avg Backtracks: 12.4 Avg Assignments: 16.2

113PM1.txt Time=Infinitys Backtracks=2772 Assignments=2777 Solved=False AvgBacktrackTime=0

113PM2.txt Time=Infinitys Backtracks=3019 Assignments=3036 Solved=False AvgBacktrackTime=0

113PM3.txt Time=Infinitys Backtracks=2582 Assignments=2600 Solved=False AvgBacktrackTime=0

113PM4.txt Time=Infinitys Backtracks=3005 Assignments=3021 Solved=False AvgBacktrackTime=0

113PM5.txt Time=Infinitys Backtracks=2347 Assignments=2353 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2745.0 Avg Assignments: 2757.4

113PH1.txt Time=Infinitys Backtracks=3651 Assignments=3773 Solved=False AvgBacktrackTime=0

113PH2.txt Time=49.83116698265076s Backtracks=699 Assignments=710 Solved=True  
AvgBacktrackTime=0.07129

113PH3.txt Time=Infinitys Backtracks=2808 Assignments=2822 Solved=False AvgBacktrackTime=0

113PH4.txt Time=Infinitys Backtracks=2810 Assignments=2825 Solved=False AvgBacktrackTime=0

113PH5.txt Time=Infinitys Backtracks=28100 Assignments=28250 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 7613.6 Avg Assignments: 7676.0

114 [('NKT', 'ForwardChecking'), 'DH', 'LCV']

114PE1.txt Time=0.0976248025894165s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.04881

114PE2.txt Time=0.16320605278015138s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.04080

114PE3.txt Time=0.19748327732086182s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.03950

114PE4.txt Time=0.11838321685791016s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02960

114PE5.txt Time=0.08732149600982667s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02911

Solution:5/5

:Avg runtime: 0.1328 Avg Backtracks: 3.6 Avg Assignments: 7.4

114PM1.txt Time=Infinitys Backtracks=2747 Assignments=2753 Solved=False AvgBacktrackTime=0

114PM2.txt Time=Infinitys Backtracks=2290 Assignments=2312 Solved=False AvgBacktrackTime=0

114PM3.txt Time=Infinitys Backtracks=1961 Assignments=1985 Solved=False AvgBacktrackTime=0

114PM4.txt Time=Infinitys Backtracks=2537 Assignments=2571 Solved=False AvgBacktrackTime=0

114PM5.txt Time=Infinitys Backtracks=2243 Assignments=2251 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 2355.6 Avg Assignments: 2374.4

114PH1.txt Time=Infinitys Backtracks=2653 Assignments=2796 Solved=False AvgBacktrackTime=0

114PH2.txt Time=Infinitys Backtracks=4572 Assignments=4582 Solved=False AvgBacktrackTime=0

114PH3.txt Time=Infinitys Backtracks=2827 Assignments=2841 Solved=False AvgBacktrackTime=0

114PH4.txt Time=Infinitys Backtracks=2716 Assignments=2733 Solved=False AvgBacktrackTime=0  
114PH5.txt Time=Infinitys Backtracks=27160 Assignments=27330 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 7985.6 Avg Assignments: 8056.4

115 [('ForwardChecking', 'NKD'), 'None', 'None']

115PE1.txt Time=0.06900660991668701s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02300

115PE2.txt Time=0.10263216495513916s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.02566

115PE3.txt Time=0.3538783311843872s Backtracks=19 Assignments=26 Solved=True  
AvgBacktrackTime=0.01863

115PE4.txt Time=0.0886300802230835s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.04432

115PE5.txt Time=0.04439623355865478s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01110

Solution:5/5

:Avg runtime: 0.1317 Avg Backtracks: 6.4 Avg Assignments: 10.4

115PM1.txt Time=0.7258603572845459s Backtracks=19 Assignments=28 Solved=True  
AvgBacktrackTime=0.03820

115PM2.txt Time=Infinitys Backtracks=1148 Assignments=1174 Solved=False AvgBacktrackTime=0

115PM3.txt Time=3.3650572896003723s Backtracks=96 Assignments=117 Solved=True  
AvgBacktrackTime=0.03505

115PM4.txt Time=Infinitys Backtracks=1283 Assignments=1316 Solved=False AvgBacktrackTime=0

115PM5.txt Time=15.40198528766632s Backtracks=369 Assignments=382 Solved=True  
AvgBacktrackTime=0.04174

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 583.0 Avg Assignments: 603.4

115PH1.txt Time=Infinitys Backtracks=3339 Assignments=3378 Solved=False AvgBacktrackTime=0

115PH2.txt Time=9.062341690063477s Backtracks=113 Assignments=122 Solved=True  
AvgBacktrackTime=0.08020

115PH3.txt Time=Infinitys Backtracks=2216 Assignments=2227 Solved=False AvgBacktrackTime=0

115PH4.txt Time=Infinitys Backtracks=2528 Assignments=2538 Solved=False AvgBacktrackTime=0

115PH5.txt Time=Infinitys Backtracks=25280 Assignments=25380 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 6695.2 Avg Assignments: 6729.0

116 [(['ForwardChecking', 'NKD'), 'None', 'LCV']

116PE1.txt Time=0.09232971668243409s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.09233

116PE2.txt Time=0.10184276103973389s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.1018

116PE3.txt Time=0.3179784774780273s Backtracks=16 Assignments=23 Solved=True  
AvgBacktrackTime=0.01987

116PE4.txt Time=0.08799128532409668s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.08799

116PE5.txt Time=0.044643735885620116s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1290 Avg Backtracks: 3.8 Avg Assignments: 7.8



116PM1.txt Time=1.1827743649482727s Backtracks=18 Assignments=27 Solved=True  
AvgBacktrackTime=0.06571

116PM2.txt Time=1.6222028136253357s Backtracks=7 Assignments=39 Solved=True  
AvgBacktrackTime=0.2317

116PM3.txt Time=11.099899172782898s Backtracks=348 Assignments=379 Solved=True  
AvgBacktrackTime=0.03190

116PM4.txt Time=Infinitys Backtracks=1196 Assignments=1225 Solved=False AvgBacktrackTime=0

116PM5.txt Time=22.16561371088028s Backtracks=532 Assignments=545 Solved=True  
AvgBacktrackTime=0.04166

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 420.2 Avg Assignments: 443.0

116PH1.txt Time=60.38128876686096s Backtracks=542 Assignments=697 Solved=True  
AvgBacktrackTime=0.1114

116PH2.txt Time=14.657426118850708s Backtracks=189 Assignments=198 Solved=True  
AvgBacktrackTime=0.07755

116PH3.txt Time=Infinitys Backtracks=2203 Assignments=2212 Solved=False AvgBacktrackTime=0

116PH4.txt Time=Infinitys Backtracks=2526 Assignments=2539 Solved=False AvgBacktrackTime=0

116PH5.txt Time=Infinitys Backtracks=25260 Assignments=25390 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6144.0 Avg Assignments: 6207.2

117 [('ForwardChecking', 'NKD'), 'MRV', 'None']

117PE1.txt Time=0.06936101913452149s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02312

117PE2.txt Time=0.11858553886413574s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.02965

117PE3.txt Time=0.3212980031967163s Backtracks=14 Assignments=21 Solved=True  
AvgBacktrackTime=0.02295

117PE4.txt Time=0.08279280662536621s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.08279

117PE5.txt Time=0.04474022388458252s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01119

Solution:5/5

:Avg runtime: 0.1273 Avg Backtracks: 5.2 Avg Assignments: 9.4

117PM1.txt Time=0.8057836294174194s Backtracks=10 Assignments=22 Solved=True  
AvgBacktrackTime=0.08058

117PM2.txt Time=2.3190343379974365s Backtracks=22 Assignments=62 Solved=True  
AvgBacktrackTime=0.1054

117PM3.txt Time=4.600034415721893s Backtracks=76 Assignments=105 Solved=True  
AvgBacktrackTime=0.06053

117PM4.txt Time=1.7239637970924377s Backtracks=2 Assignments=44 Solved=True  
AvgBacktrackTime=0.8620

117PM5.txt Time=13.88832575082779s Backtracks=318 Assignments=333 Solved=True  
AvgBacktrackTime=0.04367

Solution:5/5

:Avg runtime: 4.668 Avg Backtracks: 85.6 Avg Assignments: 113.2

117PH1.txt Time=14.555766820907593s Backtracks=3 Assignments=166 Solved=True  
AvgBacktrackTime=4.852

117PH2.txt Time=2.1078667640686035s Backtracks=12 Assignments=24 Solved=True  
AvgBacktrackTime=0.1757

117PH3.txt Time=Infinitys Backtracks=2103 Assignments=2119 Solved=False AvgBacktrackTime=0

117PH4.txt Time=498.2829210758209s Backtracks=1848 Assignments=1866 Solved=True  
AvgBacktrackTime=0.2696

117PH5.txt Time=Infinitys Backtracks=18480 Assignments=18660 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 4489.2 Avg Assignments: 4567.0

118 [('ForwardChecking', 'NKD'), 'MRV', 'LCV']

118PE1.txt Time=0.08416943550109864s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08417

118PE2.txt Time=0.15499367713928222s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.03875

118PE3.txt Time=0.2838183879852295s Backtracks=11 Assignments=18 Solved=True  
AvgBacktrackTime=0.02580

118PE4.txt Time=0.08322436809539795s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.08322

118PE5.txt Time=0.04479806423187256s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1302 Avg Backtracks: 3.4 Avg Assignments: 7.6

118PM1.txt Time=0.8214816451072693s Backtracks=7 Assignments=19 Solved=True  
AvgBacktrackTime=0.1174

118PM2.txt Time=2.3184202313423157s Backtracks=21 Assignments=60 Solved=True  
AvgBacktrackTime=0.1104

118PM3.txt Time=1.9686056971549988s Backtracks=15 Assignments=51 Solved=True  
AvgBacktrackTime=0.1312

118PM4.txt Time=3.0792514085769653s Backtracks=21 Assignments=72 Solved=True  
AvgBacktrackTime=0.1466

118PM5.txt Time=20.517247676849365s Backtracks=461 Assignments=476 Solved=True  
AvgBacktrackTime=0.04451

Solution:5/5

:Avg runtime: 5.742 Avg Backtracks: 105.0 Avg Assignments: 135.6

118PH1.txt Time=15.306832790374756s Backtracks=1 Assignments=173 Solved=True  
AvgBacktrackTime=15.31

118PH2.txt Time=5.693887710571289s Backtracks=44 Assignments=56 Solved=True  
AvgBacktrackTime=0.1294

118PH3.txt Time=Infinitys Backtracks=2082 Assignments=2097 Solved=False AvgBacktrackTime=0

118PH4.txt Time=406.1854798793793s Backtracks=3459 Assignments=3477 Solved=True  
AvgBacktrackTime=0.1174

118PH5.txt Time=Infinitys Backtracks=34590 Assignments=34770 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 8035.2 Avg Assignments: 8114.6

119 [('ForwardChecking', 'NKD'), 'DH', 'None']

119PE1.txt Time=0.16352827548980714s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02725

119PE2.txt Time=0.29766929149627686s Backtracks=16 Assignments=23 Solved=True  
AvgBacktrackTime=0.01860

119PE3.txt Time=0.42684307098388674s Backtracks=19 Assignments=25 Solved=True  
AvgBacktrackTime=0.02247

119PE4.txt Time=0.1272350311279297s Backtracks=12 Assignments=15 Solved=True  
AvgBacktrackTime=0.01060

119PE5.txt Time=0.07291321754455567s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01042

Solution:5/5

:Avg runtime: 0.2176 Avg Backtracks: 12.0 Avg Assignments: 16.2

119PM1.txt Time=Infinitys Backtracks=1982 Assignments=1989 Solved=False AvgBacktrackTime=0

119PM2.txt Time=Infinitys Backtracks=1880 Assignments=1899 Solved=False AvgBacktrackTime=0  
119PM3.txt Time=Infinitys Backtracks=1836 Assignments=1854 Solved=False AvgBacktrackTime=0  
119PM4.txt Time=Infinitys Backtracks=2419 Assignments=2440 Solved=False AvgBacktrackTime=0  
119PM5.txt Time=Infinitys Backtracks=1853 Assignments=1859 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1994.0 Avg Assignments: 2008.2

119PH1.txt Time=Infinitys Backtracks=2775 Assignments=2909 Solved=False AvgBacktrackTime=0  
119PH2.txt Time=Infinitys Backtracks=3107 Assignments=3114 Solved=False AvgBacktrackTime=0  
119PH3.txt Time=Infinitys Backtracks=2404 Assignments=2419 Solved=False AvgBacktrackTime=0  
119PH4.txt Time=Infinitys Backtracks=6187 Assignments=6207 Solved=False AvgBacktrackTime=0  
119PH5.txt Time=Infinitys Backtracks=61870 Assignments=62070 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 15268.6 Avg Assignments: 15343.8

120 [('ForwardChecking', 'NKD'), 'DH', 'LCV']

120PE1.txt Time=0.0822566270828247s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08226

120PE2.txt Time=0.25383286476135253s Backtracks=14 Assignments=21 Solved=True  
AvgBacktrackTime=0.01813

120PE3.txt Time=0.3336233615875244s Backtracks=12 Assignments=18 Solved=True  
AvgBacktrackTime=0.02780

120PE4.txt Time=0.13855810165405275s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01732

120PE5.txt Time=0.07230463027954101s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03615

Solution:5/5

:Avg runtime: 0.1761 Avg Backtracks: 7.4 Avg Assignments: 11.6

120PM1.txt Time=Infinitys Backtracks=1827 Assignments=1837 Solved=False AvgBacktrackTime=0

120PM2.txt Time=Infinitys Backtracks=2130 Assignments=2152 Solved=False AvgBacktrackTime=0

120PM3.txt Time=Infinitys Backtracks=1515 Assignments=1542 Solved=False AvgBacktrackTime=0

120PM4.txt Time=Infinitys Backtracks=1582 Assignments=1619 Solved=False AvgBacktrackTime=0

120PM5.txt Time=Infinitys Backtracks=1856 Assignments=1862 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1782.0 Avg Assignments: 1802.4

120PH1.txt Time=Infinitys Backtracks=1494 Assignments=1652 Solved=False AvgBacktrackTime=0

120PH2.txt Time=Infinitys Backtracks=3258 Assignments=3273 Solved=False AvgBacktrackTime=0

120PH3.txt Time=Infinitys Backtracks=2186 Assignments=2209 Solved=False AvgBacktrackTime=0

120PH4.txt Time=Infinitys Backtracks=6407 Assignments=6434 Solved=False AvgBacktrackTime=0

120PH5.txt Time=Infinitys Backtracks=64070 Assignments=64340 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 15483.0 Avg Assignments: 15581.6

121 [('NKD', 'ForwardChecking'), 'None', 'None']

121PE1.txt Time=0.09218344688415528s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02305

121PE2.txt Time=0.08483719825744629s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02121

121PE3.txt Time=0.30206823348999023s Backtracks=16 Assignments=23 Solved=True  
AvgBacktrackTime=0.01888

121PE4.txt Time=0.09566335678100586s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.04783

121PE5.txt Time=0.06095786094665527s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01219

Solution:5/5

:Avg runtime: 0.1272 Avg Backtracks: 6.2 Avg Assignments: 10.0

121PM1.txt Time=0.4854227304458618s Backtracks=12 Assignments=20 Solved=True  
AvgBacktrackTime=0.04045

121PM2.txt Time=Infinitys Backtracks=1490 Assignments=1511 Solved=False AvgBacktrackTime=0

121PM3.txt Time=2.0097987055778503s Backtracks=68 Assignments=89 Solved=True  
AvgBacktrackTime=0.02956

121PM4.txt Time=43.23186868429184s Backtracks=1669 Assignments=1703 Solved=True  
AvgBacktrackTime=0.02590

121PM5.txt Time=9.732484102249146s Backtracks=336 Assignments=349 Solved=True  
AvgBacktrackTime=0.02897

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 715.0 Avg Assignments: 734.4

121PH1.txt Time=Infinitys Backtracks=2974 Assignments=3014 Solved=False AvgBacktrackTime=0

121PH2.txt Time=5.819230079650879s Backtracks=91 Assignments=99 Solved=True  
AvgBacktrackTime=0.06395

121PH3.txt Time=Infinitys Backtracks=2363 Assignments=2376 Solved=False AvgBacktrackTime=0

121PH4.txt Time=Infinitys Backtracks=7064 Assignments=7079 Solved=False AvgBacktrackTime=0

121PH5.txt Time=Infinitys Backtracks=70640 Assignments=70790 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 16626.4 Avg Assignments: 16671.6

122 [('NKD', 'ForwardChecking'), 'None', 'LCV']

122PE1.txt Time=0.10131356716156006s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

122PE2.txt Time=0.08166806697845459s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08167

122PE3.txt Time=0.2502651929855347s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.02086

122PE4.txt Time=0.09989273548126221s Backtracks=3 Assignments=7 Solved=True  
AvgBacktrackTime=0.03330

122PE5.txt Time=0.060748171806335446s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1188 Avg Backtracks: 3.2 Avg Assignments: 7.0

122PM1.txt Time=0.8463819026947021s Backtracks=14 Assignments=22 Solved=True  
AvgBacktrackTime=0.06046

122PM2.txt Time=1.200802206993103s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

122PM3.txt Time=6.819169044494629s Backtracks=240 Assignments=271 Solved=True  
AvgBacktrackTime=0.02841

122PM4.txt Time=Infinitys Backtracks=2118 Assignments=2148 Solved=False AvgBacktrackTime=0

122PM5.txt Time=15.166747212409973s Backtracks=511 Assignments=524 Solved=True  
AvgBacktrackTime=0.02968

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 576.6 Avg Assignments: 599.0



122PH1.txt Time=35.392730712890625s Backtracks=216 Assignments=371 Solved=True  
AvgBacktrackTime=0.1639

122PH2.txt Time=9.069992542266846s Backtracks=163 Assignments=171 Solved=True  
AvgBacktrackTime=0.05564

122PH3.txt Time=Infinitys Backtracks=2276 Assignments=2286 Solved=False AvgBacktrackTime=0

122PH4.txt Time=330.6532447338104s Backtracks=3743 Assignments=3758 Solved=True  
AvgBacktrackTime=0.08834

122PH5.txt Time=Infinitys Backtracks=37430 Assignments=37580 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 8765.6 Avg Assignments: 8833.2

123 [('NKD', 'ForwardChecking'), 'MRV', 'None']

123PE1.txt Time=0.08296518325805664s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02074

123PE2.txt Time=0.10015442371368408s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.02504

123PE3.txt Time=0.2968443870544434s Backtracks=16 Assignments=23 Solved=True  
AvgBacktrackTime=0.01855

123PE4.txt Time=0.09863722324371338s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.04932

123PE5.txt Time=0.06092503070831299s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01219

Solution:5/5

:Avg runtime: 0.1279 Avg Backtracks: 6.2 Avg Assignments: 10.2

123PM1.txt Time=0.6988239288330078s Backtracks=10 Assignments=20 Solved=True  
AvgBacktrackTime=0.06988

123PM2.txt Time=1.9036368131637573s Backtracks=22 Assignments=61 Solved=True  
AvgBacktrackTime=0.08653

123PM3.txt Time=3.0609225630760193s Backtracks=58 Assignments=85 Solved=True  
AvgBacktrackTime=0.05277

123PM4.txt Time=1.6664140820503235s Backtracks=1 Assignments=43 Solved=True  
AvgBacktrackTime=1.666

123PM5.txt Time=8.679719984531403s Backtracks=278 Assignments=292 Solved=True  
AvgBacktrackTime=0.03122

Solution:5/5

:Avg runtime: 3.202 Avg Backtracks: 73.8 Avg Assignments: 100.2

123PH1.txt Time=13.851716041564941s Backtracks=3 Assignments=166 Solved=True  
AvgBacktrackTime=4.617

123PH2.txt Time=1.5849242210388184s Backtracks=9 Assignments=20 Solved=True  
AvgBacktrackTime=0.1761

123PH3.txt Time=Infinitys Backtracks=2184 Assignments=2198 Solved=False AvgBacktrackTime=0

123PH4.txt Time=118.70255780220032s Backtracks=1596 Assignments=1612 Solved=True  
AvgBacktrackTime=0.07438

123PH5.txt Time=Infinitys Backtracks=15960 Assignments=16120 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 3950.4 Avg Assignments: 4023.2

124 [(['NKD', 'ForwardChecking'), 'MRV', 'LCV']

124PE1.txt Time=0.07988882064819336s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

124PE2.txt Time=0.12049360275268554s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.03012

124PE3.txt Time=0.252584433555603s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.02105

124PE4.txt Time=0.09594364166259765s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.09594

124PE5.txt Time=0.06063809394836426s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1219 Avg Backtracks: 3.4 Avg Assignments: 7.4

124PM1.txt Time=0.7597050070762634s Backtracks=10 Assignments=20 Solved=True  
AvgBacktrackTime=0.07597

124PM2.txt Time=1.8108830451965332s Backtracks=19 Assignments=56 Solved=True  
AvgBacktrackTime=0.09531

124PM3.txt Time=1.808769404888153s Backtracks=19 Assignments=55 Solved=True  
AvgBacktrackTime=0.09520

124PM4.txt Time=3.043691396713257s Backtracks=30 Assignments=81 Solved=True  
AvgBacktrackTime=0.1015

124PM5.txt Time=13.072359561920166s Backtracks=417 Assignments=431 Solved=True  
AvgBacktrackTime=0.03135

Solution:5/5

:Avg runtime: 4.10 Avg Backtracks: 99.0 Avg Assignments: 128.6

124PH1.txt Time=15.241826295852661s Backtracks=1 Assignments=173 Solved=True  
AvgBacktrackTime=15.24

124PH2.txt Time=4.025980234146118s Backtracks=42 Assignments=53 Solved=True  
AvgBacktrackTime=0.09586

124PH3.txt Time=Infinitys Backtracks=2107 Assignments=2122 Solved=False AvgBacktrackTime=0

124PH4.txt Time=270.88299012184143s Backtracks=3331 Assignments=3347 Solved=True  
AvgBacktrackTime=0.08132

124PH5.txt Time=Infinitys Backtracks=33310 Assignments=33470 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 7758.2 Avg Assignments: 7833.0

125 [(['NKD', 'ForwardChecking'], 'DH', 'None']

125PE1.txt Time=0.108634614944458s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.01811

125PE2.txt Time=0.20345125198364258s Backtracks=14 Assignments=21 Solved=True  
AvgBacktrackTime=0.01453

125PE3.txt Time=0.3911146640777588s Backtracks=35 Assignments=41 Solved=True  
AvgBacktrackTime=0.01117

125PE4.txt Time=0.11930327415466309s Backtracks=12 Assignments=15 Solved=True  
AvgBacktrackTime=0.009942

125PE5.txt Time=0.08509013652801514s Backtracks=8 Assignments=10 Solved=True  
AvgBacktrackTime=0.01064

Solution:5/5

:Avg runtime: 0.1815 Avg Backtracks: 15.0 Avg Assignments: 19.2

125PM1.txt Time=Infinitys Backtracks=3290 Assignments=3296 Solved=False AvgBacktrackTime=0

125PM2.txt Time=Infinitys Backtracks=3013 Assignments=3033 Solved=False AvgBacktrackTime=0

125PM3.txt Time=Infinitys Backtracks=3092 Assignments=3111 Solved=False AvgBacktrackTime=0

125PM4.txt Time=Infinitys Backtracks=3826 Assignments=3846 Solved=False AvgBacktrackTime=0

125PM5.txt Time=45.40551447868347s Backtracks=2411 Assignments=2418 Solved=True  
AvgBacktrackTime=0.01883

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3126.4 Avg Assignments: 3140.8

125PH1.txt Time=Infinitys Backtracks=3844 Assignments=3980 Solved=False AvgBacktrackTime=0

125PH2.txt Time=Infinitys Backtracks=5467 Assignments=5480 Solved=False AvgBacktrackTime=0  
125PH3.txt Time=Infinitys Backtracks=2329 Assignments=2345 Solved=False AvgBacktrackTime=0  
125PH4.txt Time=Infinitys Backtracks=10140 Assignments=10155 Solved=False AvgBacktrackTime=0  
125PH5.txt Time=Infinitys Backtracks=101400 Assignments=101550 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 24636.0 Avg Assignments: 24702.0

126 [('NKD', 'ForwardChecking'), 'DH', 'LCV']

126PE1.txt Time=0.1049964189529419s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.1050  
126PE2.txt Time=0.19815378189086913s Backtracks=9 Assignments=16 Solved=True  
AvgBacktrackTime=0.02202  
126PE3.txt Time=0.23120596408843994s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.02102  
126PE4.txt Time=0.12129743099212646s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01516  
126PE5.txt Time=0.0844261884689331s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02814

Solution:5/5

:Avg runtime: 0.1480 Avg Backtracks: 6.4 Avg Assignments: 10.6

126PM1.txt Time=Infinitys Backtracks=3033 Assignments=3041 Solved=False AvgBacktrackTime=0  
126PM2.txt Time=Infinitys Backtracks=2760 Assignments=2782 Solved=False AvgBacktrackTime=0  
126PM3.txt Time=Infinitys Backtracks=2481 Assignments=2503 Solved=False AvgBacktrackTime=0  
126PM4.txt Time=Infinitys Backtracks=2689 Assignments=2726 Solved=False AvgBacktrackTime=0  
126PM5.txt Time=47.73020416498184s Backtracks=2513 Assignments=2520 Solved=True  
AvgBacktrackTime=0.01899

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2695.2 Avg Assignments: 2714.4

126PH1.txt Time=Infinitys Backtracks=2454 Assignments=2610 Solved=False AvgBacktrackTime=0

126PH2.txt Time=Infinitys Backtracks=5042 Assignments=5052 Solved=False AvgBacktrackTime=0

126PH3.txt Time=Infinitys Backtracks=2229 Assignments=2245 Solved=False AvgBacktrackTime=0

126PH4.txt Time=Infinitys Backtracks=9148 Assignments=9171 Solved=False AvgBacktrackTime=0

126PH5.txt Time=Infinitys Backtracks=91480 Assignments=91710 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 22070.6 Avg Assignments: 22157.6

127 [('ForwardChecking', 'NKD', 'NKT'), 'None', 'None']

127PE1.txt Time=0.050179553031921384s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01673

127PE2.txt Time=0.08965096473693848s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02988

127PE3.txt Time=0.2649801015853882s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.02409

127PE4.txt Time=0.07553455829620362s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.07553

127PE5.txt Time=0.052128839492797854s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01043

Solution:5/5

:Avg runtime: 0.1065 Avg Backtracks: 4.6 Avg Assignments: 7.4

127PM1.txt Time=0.5675932168960571s Backtracks=15 Assignments=22 Solved=True  
AvgBacktrackTime=0.03784

127PM2.txt Time=Infinitys Backtracks=1159 Assignments=1183 Solved=False AvgBacktrackTime=0

127PM3.txt Time=1.460525631904602s Backtracks=19 Assignments=36 Solved=True  
AvgBacktrackTime=0.07687

127PM4.txt Time=1.6061390042304993s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.5354

127PM5.txt Time=1.31263667345047s Backtracks=41 Assignments=47 Solved=True  
AvgBacktrackTime=0.03202

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 247.4 Avg Assignments: 264.8

127PH1.txt Time=24.056889295578003s Backtracks=66 Assignments=214 Solved=True  
AvgBacktrackTime=0.3645

127PH2.txt Time=1.4821319580078125s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.1482

127PH3.txt Time=512.1078379154205s Backtracks=1439 Assignments=1451 Solved=True  
AvgBacktrackTime=0.3559

127PH4.txt Time=457.5971086025238s Backtracks=3459 Assignments=3471 Solved=True  
AvgBacktrackTime=0.1323

127PH5.txt Time=Infinitys Backtracks=34590 Assignments=34710 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7912.8 Avg Assignments: 7972.4

128 [('ForwardChecking', 'NKD', 'NKT'), 'None', 'LCV']

128PE1.txt Time=0.0536614179611206s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05366

128PE2.txt Time=0.1083679437637329s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05418

128PE3.txt Time=0.24239468574523926s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.02693

128PE4.txt Time=0.07639403343200683s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.07639

128PE5.txt Time=0.05187559127807617s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1065 Avg Backtracks: 2.6 Avg Assignments: 5.4

128PM1.txt Time=0.5288987755775452s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1322

128PM2.txt Time=1.3267454504966736s Backtracks=1 Assignments=28 Solved=True  
AvgBacktrackTime=1.327

128PM3.txt Time=1.9242060780525208s Backtracks=21 Assignments=49 Solved=True  
AvgBacktrackTime=0.09163

128PM4.txt Time=Infinitys Backtracks=1338 Assignments=1366 Solved=False AvgBacktrackTime=0

128PM5.txt Time=1.557392656803131s Backtracks=41 Assignments=47 Solved=True  
AvgBacktrackTime=0.03799

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 281.0 Avg Assignments: 300.2

128PH1.txt Time=17.91742730140686s Backtracks=30 Assignments=182 Solved=True  
AvgBacktrackTime=0.5972

128PH2.txt Time=2.3483572006225586s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.1305

128PH3.txt Time=192.1538050174713s Backtracks=1356 Assignments=1368 Solved=True  
AvgBacktrackTime=0.1417

128PH4.txt Time=150.8676962852478s Backtracks=1447 Assignments=1459 Solved=True  
AvgBacktrackTime=0.1043



128PH5.txt Time=Infinitys Backtracks=14470 Assignments=14590 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3464.2 Avg Assignments: 3524.6

129 [('ForwardChecking', 'NKD', 'NKT'), 'MRV', 'None']

129PE1.txt Time=0.04900479316711426s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01633

129PE2.txt Time=0.08973965644836426s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02991

129PE3.txt Time=0.18993182182312013s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.02713

129PE4.txt Time=0.07577483654022217s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.03789

129PE5.txt Time=0.052338910102844236s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01047

Solution:5/5

:Avg runtime: 0.09134 Avg Backtracks: 4.0 Avg Assignments: 6.8

129PM1.txt Time=0.6221913695335388s Backtracks=7 Assignments=15 Solved=True  
AvgBacktrackTime=0.08888

129PM2.txt Time=1.642356276512146s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2346

129PM3.txt Time=2.631983160972595s Backtracks=26 Assignments=53 Solved=True  
AvgBacktrackTime=0.1012

129PM4.txt Time=2.044794738292694s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.045

129PM5.txt Time=3.5064873099327087s Backtracks=77 Assignments=82 Solved=True  
AvgBacktrackTime=0.04554

Solution:5/5

:Avg runtime: 2.09 Avg Backtracks: 23.6 Avg Assignments: 45.8

129PH1.txt Time=18.346155405044556s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=18.35

129PH2.txt Time=1.429542064666748s Backtracks=7 Assignments=14 Solved=True  
AvgBacktrackTime=0.2042

129PH3.txt Time=181.8865385055542s Backtracks=1166 Assignments=1177 Solved=True  
AvgBacktrackTime=0.1560

129PH4.txt Time=51.511696577072144s Backtracks=391 Assignments=407 Solved=True  
AvgBacktrackTime=0.1317

129PH5.txt Time=Infinitys Backtracks=4429 Assignments=4444 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1198.8 Avg Assignments: 1241.0

130 [('ForwardChecking', 'NKD', 'NKT'), 'MRV', 'LCV']

130PE1.txt Time=0.0537017822265625s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05370

130PE2.txt Time=0.10855815410614014s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05428

130PE3.txt Time=0.16585090160369872s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.03317

130PE4.txt Time=0.07615861892700196s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.07616

130PE5.txt Time=0.05222773551940918s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09132 Avg Backtracks: 1.8 Avg Assignments: 4.6

130PM1.txt Time=0.7421584725379944s Backtracks=8 Assignments=16 Solved=True  
AvgBacktrackTime=0.09277

130PM2.txt Time=2.0444796681404114s Backtracks=9 Assignments=43 Solved=True  
AvgBacktrackTime=0.2272

130PM3.txt Time=1.6609474420547485s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.5536

130PM4.txt Time=2.2756290435791016s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.5689

130PM5.txt Time=3.6811134815216064s Backtracks=75 Assignments=80 Solved=True  
AvgBacktrackTime=0.04908

Solution:5/5

:Avg runtime: 2.082 Avg Backtracks: 19.8 Avg Assignments: 44.6

130PH1.txt Time=19.3116557598114s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

130PH2.txt Time=1.9826786518096924s Backtracks=10 Assignments=17 Solved=True  
AvgBacktrackTime=0.1983

130PH3.txt Time=75.14156794548035s Backtracks=499 Assignments=510 Solved=True  
AvgBacktrackTime=0.1506

130PH4.txt Time=130.43235659599304s Backtracks=911 Assignments=927 Solved=True  
AvgBacktrackTime=0.1432

130PH5.txt Time=Infinitys Backtracks=9110 Assignments=9270 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2106.0 Avg Assignments: 2178.8

131 [('ForwardChecking', 'NKD', 'NKT'), 'DH', 'None']

131PE1.txt Time=0.12102532386779785s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.02421

131PE2.txt Time=0.10761008262634278s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.02152

131PE3.txt Time=0.13444762229919432s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02241

131PE4.txt Time=0.11207630634307861s Backtracks=7 Assignments=10 Solved=True  
AvgBacktrackTime=0.01601

131PE5.txt Time=0.08187687397003174s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01170

Solution:5/5

:Avg runtime: 0.1114 Avg Backtracks: 6.0 Avg Assignments: 8.6

131PM1.txt Time=Infinitys Backtracks=1597 Assignments=1604 Solved=False AvgBacktrackTime=0

131PM2.txt Time=Infinitys Backtracks=2175 Assignments=2191 Solved=False AvgBacktrackTime=0

131PM3.txt Time=Infinitys Backtracks=1732 Assignments=1750 Solved=False AvgBacktrackTime=0

131PM4.txt Time=Infinitys Backtracks=1795 Assignments=1817 Solved=False AvgBacktrackTime=0

131PM5.txt Time=17.25101387500763s Backtracks=408 Assignments=414 Solved=True  
AvgBacktrackTime=0.04228

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1541.4 Avg Assignments: 1555.2

131PH1.txt Time=Infinitys Backtracks=2226 Assignments=2348 Solved=False AvgBacktrackTime=0

131PH2.txt Time=3.023622751235962s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.1680

131PH3.txt Time=Infinitys Backtracks=5295 Assignments=5317 Solved=False AvgBacktrackTime=0

131PH4.txt Time=Infinitys Backtracks=6333 Assignments=6344 Solved=False AvgBacktrackTime=0

131PH5.txt Time=Infinitys Backtracks=63330 Assignments=63440 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 15440.4 Avg Assignments: 15494.6

132 [('ForwardChecking', 'NKD', 'NKT'), 'DH', 'LCV']

132PE1.txt Time=0.08721108436584472s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04361

132PE2.txt Time=0.07413127422332763s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.07413

132PE3.txt Time=0.11398105621337891s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.03799

132PE4.txt Time=0.11040689945220947s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05520

132PE5.txt Time=0.08090693950653076s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04045

Solution:5/5

:Avg runtime: 0.09332 Avg Backtracks: 2.0 Avg Assignments: 4.6

132PM1.txt Time=Infinitys Backtracks=1551 Assignments=1558 Solved=False AvgBacktrackTime=0

132PM2.txt Time=Infinitys Backtracks=1582 Assignments=1605 Solved=False AvgBacktrackTime=0

132PM3.txt Time=47.226554453372955s Backtracks=1319 Assignments=1344 Solved=True  
AvgBacktrackTime=0.03580

132PM4.txt Time=Infinitys Backtracks=1651 Assignments=1681 Solved=False AvgBacktrackTime=0

132PM5.txt Time=22.89348006248474s Backtracks=555 Assignments=561 Solved=True  
AvgBacktrackTime=0.04125

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1331.6 Avg Assignments: 1349.8

132PH1.txt Time=Infinitys Backtracks=1898 Assignments=2040 Solved=False AvgBacktrackTime=0  
132PH2.txt Time=5.071882724761963s Backtracks=36 Assignments=42 Solved=True  
AvgBacktrackTime=0.1409  
132PH3.txt Time=Infinitys Backtracks=4908 Assignments=4922 Solved=False AvgBacktrackTime=0  
132PH4.txt Time=Infinitys Backtracks=6264 Assignments=6281 Solved=False AvgBacktrackTime=0  
132PH5.txt Time=Infinitys Backtracks=62640 Assignments=62810 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 15149.2 Avg Assignments: 15219.0

133 [('ForwardChecking', 'NKT', 'NKD'), 'None', 'None']

133PE1.txt Time=0.05232374668121338s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01744  
133PE2.txt Time=0.0885469675064087s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02952  
133PE3.txt Time=0.22320933341979982s Backtracks=13 Assignments=16 Solved=True  
AvgBacktrackTime=0.01717  
133PE4.txt Time=0.0726280689239502s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0  
133PE5.txt Time=0.05243396759033203s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01049

Solution:5/5

:Avg runtime: 0.09782 Avg Backtracks: 4.8 Avg Assignments: 7.4

133PM1.txt Time=0.613208532333374s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.03407  
133PM2.txt Time=Infinitys Backtracks=1177 Assignments=1202 Solved=False AvgBacktrackTime=0  
133PM3.txt Time=1.1999579668045044s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.1091

133PM4.txt Time=1.5806403756141663s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=0.7903

133PM5.txt Time=1.4904993176460266s Backtracks=42 Assignments=49 Solved=True  
AvgBacktrackTime=0.03549

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 250.0 Avg Assignments: 267.6

133PH1.txt Time=24.03669238090515s Backtracks=75 Assignments=223 Solved=True  
AvgBacktrackTime=0.3205

133PH2.txt Time=1.1939587593078613s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.1990

133PH3.txt Time=241.42263054847717s Backtracks=1553 Assignments=1565 Solved=True  
AvgBacktrackTime=0.1555

133PH4.txt Time=511.57535576820374s Backtracks=4174 Assignments=4187 Solved=True  
AvgBacktrackTime=0.1226

133PH5.txt Time=Infinitys Backtracks=41740 Assignments=41870 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 9509.6 Avg Assignments: 9571.4

134 [('ForwardChecking', 'NKT', 'NKD'), 'None', 'LCV']

134PE1.txt Time=0.05762941837310791s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05763

134PE2.txt Time=0.10809531211853027s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05405

134PE3.txt Time=0.20198535919189453s Backtracks=11 Assignments=14 Solved=True  
AvgBacktrackTime=0.01836

134PE4.txt Time=0.07274053096771241s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

134PE5.txt Time=0.05225415229797363s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09854 Avg Backtracks: 2.8 Avg Assignments: 5.4

134PM1.txt Time=0.40443581342697144s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1348

134PM2.txt Time=1.53726464509964s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=1.537

134PM3.txt Time=1.4636958837509155s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.1626

134PM4.txt Time=Infinitys Backtracks=1407 Assignments=1436 Solved=False AvgBacktrackTime=0

134PM5.txt Time=1.7216519713401794s Backtracks=41 Assignments=48 Solved=True  
AvgBacktrackTime=0.04199

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 292.2 Avg Assignments: 312.2

134PH1.txt Time=18.382702350616455s Backtracks=33 Assignments=185 Solved=True  
AvgBacktrackTime=0.5571

134PH2.txt Time=2.136793851852417s Backtracks=12 Assignments=18 Solved=True  
AvgBacktrackTime=0.1781

134PH3.txt Time=157.653870344162s Backtracks=1126 Assignments=1138 Solved=True  
AvgBacktrackTime=0.1400

134PH4.txt Time=194.86844086647034s Backtracks=2006 Assignments=2019 Solved=True  
AvgBacktrackTime=0.09714

134PH5.txt Time=Infinitys Backtracks=20060 Assignments=20190 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 4647.4 Avg Assignments: 4710.0



135 [('ForwardChecking', 'NKT', 'NKD'), 'MRV', 'None']

135PE1.txt Time=0.0509474515914917s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.01698

135PE2.txt Time=0.08862087726593018s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02954

135PE3.txt Time=0.16139695644378663s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02690

135PE4.txt Time=0.08192284107208252s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

135PE5.txt Time=0.053006768226623535s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01060

Solution:5/5

:Avg runtime: 0.08718 Avg Backtracks: 3.4 Avg Assignments: 6.0

135PM1.txt Time=0.498022198677063s Backtracks=5 Assignments=13 Solved=True  
AvgBacktrackTime=0.09960

135PM2.txt Time=1.6381189823150635s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2340

135PM3.txt Time=2.462825655937195s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1071

135PM4.txt Time=2.0912309288978577s Backtracks=2 Assignments=43 Solved=True  
AvgBacktrackTime=1.046

135PM5.txt Time=3.911692202091217s Backtracks=78 Assignments=84 Solved=True  
AvgBacktrackTime=0.05015

Solution:5/5

:Avg runtime: 2.12 Avg Backtracks: 23.0 Avg Assignments: 45.2

135PH1.txt Time=18.579699754714966s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=18.58

135PH2.txt Time=1.065976858139038s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.2132

135PH3.txt Time=192.57122564315796s Backtracks=1257 Assignments=1267 Solved=True  
AvgBacktrackTime=0.1532

135PH4.txt Time=52.32118463516235s Backtracks=423 Assignments=439 Solved=True  
AvgBacktrackTime=0.1237

135PH5.txt Time=Infinitys Backtracks=4230 Assignments=4390 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1183.2 Avg Assignments: 1254.0

136 [('ForwardChecking', 'NKT', 'NKD'), 'MRV', 'LCV']

136PE1.txt Time=0.05607705116271973s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.05608

136PE2.txt Time=0.10824351310729981s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05412

136PE3.txt Time=0.13636267185211182s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.03409

136PE4.txt Time=0.10700180530548095s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

136PE5.txt Time=0.05380423069000244s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0923 Avg Backtracks: 1.4 Avg Assignments: 4.0

136PM1.txt Time=0.5875495076179504s Backtracks=5 Assignments=13 Solved=True  
AvgBacktrackTime=0.1175

136PM2.txt Time=2.001978874206543s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.2502

136PM3.txt Time=1.45302152633667s Backtracks=0 Assignments=31 Solved=True AvgBacktrackTime=0

136PM4.txt Time=2.24179345369339s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.5604

136PM5.txt Time=4.011279225349426s Backtracks=73 Assignments=79 Solved=True  
AvgBacktrackTime=0.05495

Solution:5/5

:Avg runtime: 2.06 Avg Backtracks: 18.0 Avg Assignments: 42.4

136PH1.txt Time=19.350865602493286s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

136PH2.txt Time=2.0480973720550537s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.2048

136PH3.txt Time=83.44982504844666s Backtracks=562 Assignments=572 Solved=True  
AvgBacktrackTime=0.1485

136PH4.txt Time=131.75934743881226s Backtracks=907 Assignments=923 Solved=True  
AvgBacktrackTime=0.1453

136PH5.txt Time=Infinitys Backtracks=9070 Assignments=9230 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2109.8 Avg Assignments: 2182.2

137 [('ForwardChecking', 'NKT', 'NKD'), 'DH', 'None']

137PE1.txt Time=0.07955999374389648s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03978

137PE2.txt Time=0.08988480567932129s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.02996

137PE3.txt Time=0.19114925861358642s Backtracks=14 Assignments=17 Solved=True  
AvgBacktrackTime=0.01365

137PE4.txt Time=0.1149301528930664s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01437

137PE5.txt Time=0.08401031494140625s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01200

Solution:5/5

:Avg runtime: 0.1119 Avg Backtracks: 6.8 Avg Assignments: 9.4

137PM1.txt Time=Infinitys Backtracks=1575 Assignments=1580 Solved=False AvgBacktrackTime=0

137PM2.txt Time=Infinitys Backtracks=1781 Assignments=1799 Solved=False AvgBacktrackTime=0

137PM3.txt Time=Infinitys Backtracks=1599 Assignments=1621 Solved=False AvgBacktrackTime=0

137PM4.txt Time=Infinitys Backtracks=1786 Assignments=1806 Solved=False AvgBacktrackTime=0

137PM5.txt Time=16.553961217403412s Backtracks=400 Assignments=406 Solved=True  
AvgBacktrackTime=0.04138

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1428.2 Avg Assignments: 1442.4

137PH1.txt Time=Infinitys Backtracks=2849 Assignments=2971 Solved=False AvgBacktrackTime=0

137PH2.txt Time=6.895744800567627s Backtracks=51 Assignments=56 Solved=True  
AvgBacktrackTime=0.1352

137PH3.txt Time=Infinitys Backtracks=5543 Assignments=5562 Solved=False AvgBacktrackTime=0

137PH4.txt Time=Infinitys Backtracks=5962 Assignments=5973 Solved=False AvgBacktrackTime=0

137PH5.txt Time=Infinitys Backtracks=59620 Assignments=59730 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14805.0 Avg Assignments: 14858.4

138 [('ForwardChecking', 'NKT', 'NKD'), 'DH', 'LCV']

138PE1.txt Time=0.06192617416381836s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06193

138PE2.txt Time=0.08911035060882569s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08911

138PE3.txt Time=0.15344488620758057s Backtracks=11 Assignments=14 Solved=True  
AvgBacktrackTime=0.01395

138PE4.txt Time=0.12836248874664308s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.04279

138PE5.txt Time=0.08328795433044434s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04164

Solution:5/5

:Avg runtime: 0.1032 Avg Backtracks: 3.6 Avg Assignments: 6.2

138PM1.txt Time=Infinitys Backtracks=1551 Assignments=1556 Solved=False AvgBacktrackTime=0

138PM2.txt Time=Infinitys Backtracks=1445 Assignments=1468 Solved=False AvgBacktrackTime=0

138PM3.txt Time=46.33544850349426s Backtracks=1194 Assignments=1221 Solved=True  
AvgBacktrackTime=0.03881

138PM4.txt Time=Infinitys Backtracks=1800 Assignments=1833 Solved=False AvgBacktrackTime=0

138PM5.txt Time=22.840968132019043s Backtracks=539 Assignments=545 Solved=True  
AvgBacktrackTime=0.04238

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1305.8 Avg Assignments: 1324.6

138PH1.txt Time=Infinitys Backtracks=1947 Assignments=2090 Solved=False AvgBacktrackTime=0

138PH2.txt Time=6.63480544090271s Backtracks=55 Assignments=60 Solved=True  
AvgBacktrackTime=0.1206

138PH3.txt Time=Infinitys Backtracks=4991 Assignments=5004 Solved=False AvgBacktrackTime=0

138PH4.txt Time=Infinitys Backtracks=4956 Assignments=4974 Solved=False AvgBacktrackTime=0

138PH5.txt Time=Infinitys Backtracks=49560 Assignments=49740 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12301.8 Avg Assignments: 12373.6

139 [('NKD', 'ForwardChecking', 'NKT'), 'None', 'None']

139PE1.txt Time=0.062077999114990234s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01552

139PE2.txt Time=0.09999699592590332s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02500

139PE3.txt Time=0.20297846794128419s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.01845

139PE4.txt Time=0.0855879545211792s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

139PE5.txt Time=0.03566761016845703s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008917

Solution:5/5

:Avg runtime: 0.09728 Avg Backtracks: 4.6 Avg Assignments: 7.2

139PM1.txt Time=0.4842700958251953s Backtracks=7 Assignments=14 Solved=True  
AvgBacktrackTime=0.06918

139PM2.txt Time=Infinitys Backtracks=1298 Assignments=1321 Solved=False AvgBacktrackTime=0

139PM3.txt Time=1.247370421886444s Backtracks=16 Assignments=33 Solved=True  
AvgBacktrackTime=0.07796

139PM4.txt Time=1.62655907869339s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.5422

139PM5.txt Time=1.10975581407547s Backtracks=38 Assignments=44 Solved=True  
AvgBacktrackTime=0.02920

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 272.4 Avg Assignments: 289.6

139PH1.txt Time=22.91781210899353s Backtracks=61 Assignments=209 Solved=True  
AvgBacktrackTime=0.3757

139PH2.txt Time=1.2384343147277832s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.1126

139PH3.txt Time=180.29584193229675s Backtracks=1366 Assignments=1378 Solved=True  
AvgBacktrackTime=0.1320

139PH4.txt Time=403.46858191490173s Backtracks=3823 Assignments=3835 Solved=True  
AvgBacktrackTime=0.1055

139PH5.txt Time=Infinitys Backtracks=38230 Assignments=38350 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 8698.2 Avg Assignments: 8757.8

140 [(['NKD', 'ForwardChecking', 'NKT'), 'None', 'LCV']

140PE1.txt Time=0.05916686058044433s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

140PE2.txt Time=0.1097719669342041s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05489

140PE3.txt Time=0.1860892057418823s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.02068

140PE4.txt Time=0.0986363172531128s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.09864

140PE5.txt Time=0.03586688041687012s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0979 Avg Backtracks: 2.4 Avg Assignments: 5.0

140PM1.txt Time=0.49565571546554565s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1239

140PM2.txt Time=1.2881615161895752s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

140PM3.txt Time=1.5265222787857056s Backtracks=10 Assignments=38 Solved=True  
AvgBacktrackTime=0.1527

140PM4.txt Time=Infinitys Backtracks=1748 Assignments=1778 Solved=False AvgBacktrackTime=0

140PM5.txt Time=1.225882887840271s Backtracks=36 Assignments=42 Solved=True  
AvgBacktrackTime=0.03405

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 359.6 Avg Assignments: 379.2

140PH1.txt Time=17.769222497940063s Backtracks=26 Assignments=178 Solved=True  
AvgBacktrackTime=0.6834

140PH2.txt Time=2.17260479927063s Backtracks=20 Assignments=26 Solved=True  
AvgBacktrackTime=0.1086

140PH3.txt Time=149.06561923027039s Backtracks=1244 Assignments=1256 Solved=True  
AvgBacktrackTime=0.1198

140PH4.txt Time=141.8699860572815s Backtracks=1670 Assignments=1682 Solved=True  
AvgBacktrackTime=0.08495

140PH5.txt Time=Infinitys Backtracks=16700 Assignments=16820 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3932.0 Avg Assignments: 3992.4

141 [(['NKD', 'ForwardChecking', 'NKT'), 'MRV', 'None']

141PE1.txt Time=0.06241509914398193s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01560



141PE2.txt Time=0.09985764026641845s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02496

141PE3.txt Time=0.20612645149230957s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.02945

141PE4.txt Time=0.07809045314788818s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

141PE5.txt Time=0.03566298484802246s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008916

Solution:5/5

:Avg runtime: 0.09644 Avg Backtracks: 3.8 Avg Assignments: 6.4

141PM1.txt Time=0.5371326208114624s Backtracks=6 Assignments=14 Solved=True  
AvgBacktrackTime=0.08952

141PM2.txt Time=1.6574550867080688s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2368

141PM3.txt Time=2.2589253783226013s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.09821

141PM4.txt Time=2.0424030423164368s Backtracks=2 Assignments=43 Solved=True  
AvgBacktrackTime=1.021

141PM5.txt Time=3.398356020450592s Backtracks=88 Assignments=93 Solved=True  
AvgBacktrackTime=0.03862

Solution:5/5

:Avg runtime: 1.979 Avg Backtracks: 25.2 Avg Assignments: 47.2

141PH1.txt Time=18.717267274856567s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=18.72

141PH2.txt Time=1.4680087566375732s Backtracks=8 Assignments=15 Solved=True  
AvgBacktrackTime=0.1835

141PH3.txt Time=159.57854843139648s Backtracks=1187 Assignments=1197 Solved=True  
AvgBacktrackTime=0.1344

141PH4.txt Time=41.34674048423767s Backtracks=403 Assignments=418 Solved=True  
AvgBacktrackTime=0.1026

141PH5.txt Time=575.49986743927s Backtracks=4635 Assignments=4654 Solved=True  
AvgBacktrackTime=0.1242

Solution:5/5

:Avg runtime: 159.3 Avg Backtracks: 1246.8 Avg Assignments: 1289.4

142 [('NKD', 'ForwardChecking', 'NKT'), 'MRV', 'LCV']

142PE1.txt Time=0.05945003032684326s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

142PE2.txt Time=0.1101374626159668s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05507

142PE3.txt Time=0.1920860528945923s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.03842

142PE4.txt Time=0.08803038597106934s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08803

142PE5.txt Time=0.03572068214416504s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09708 Avg Backtracks: 1.6 Avg Assignments: 4.2

142PM1.txt Time=0.6364278793334961s Backtracks=8 Assignments=16 Solved=True  
AvgBacktrackTime=0.07955

142PM2.txt Time=2.0714364051818848s Backtracks=10 Assignments=44 Solved=True  
AvgBacktrackTime=0.2071

142PM3.txt Time=1.608480989933014s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=0.8042

142PM4.txt Time=2.2436776161193848s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.3739

142PM5.txt Time=3.463994562625885s Backtracks=85 Assignments=90 Solved=True  
AvgBacktrackTime=0.04075

Solution:5/5

:Avg runtime: 2.004 Avg Backtracks: 22.2 Avg Assignments: 46.8

142PH1.txt Time=19.537020444869995s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

142PH2.txt Time=1.8586599826812744s Backtracks=9 Assignments=16 Solved=True  
AvgBacktrackTime=0.2065

142PH3.txt Time=66.14698338508606s Backtracks=527 Assignments=537 Solved=True  
AvgBacktrackTime=0.1255

142PH4.txt Time=107.56673669815063s Backtracks=937 Assignments=952 Solved=True  
AvgBacktrackTime=0.1148

142PH5.txt Time=Infinitys Backtracks=9370 Assignments=9520 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2168.6 Avg Assignments: 2239.0

143 [(['NKD', 'ForwardChecking', 'NKT'), 'DH', 'None']

143PE1.txt Time=0.07058329582214355s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03529

143PE2.txt Time=0.08828227519989014s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.01766

143PE3.txt Time=0.22469871044158934s Backtracks=12 Assignments=16 Solved=True  
AvgBacktrackTime=0.01872

143PE4.txt Time=0.16706562042236328s Backtracks=11 Assignments=14 Solved=True  
AvgBacktrackTime=0.01519

143PE5.txt Time=0.060948634147644044s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008707

Solution:5/5

:Avg runtime: 0.1223 Avg Backtracks: 7.4 Avg Assignments: 10.0

143PM1.txt Time=Infinitys Backtracks=2098 Assignments=2107 Solved=False AvgBacktrackTime=0

143PM2.txt Time=Infinitys Backtracks=2474 Assignments=2492 Solved=False AvgBacktrackTime=0

143PM3.txt Time=Infinitys Backtracks=2203 Assignments=2221 Solved=False AvgBacktrackTime=0

143PM4.txt Time=Infinitys Backtracks=2154 Assignments=2178 Solved=False AvgBacktrackTime=0

143PM5.txt Time=10.843651533126831s Backtracks=325 Assignments=331 Solved=True  
AvgBacktrackTime=0.03337

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1850.8 Avg Assignments: 1865.8

143PH1.txt Time=Infinitys Backtracks=2321 Assignments=2443 Solved=False AvgBacktrackTime=0

143PH2.txt Time=2.0332982540130615s Backtracks=17 Assignments=23 Solved=True  
AvgBacktrackTime=0.1196

143PH3.txt Time=Infinitys Backtracks=6890 Assignments=6909 Solved=False AvgBacktrackTime=0

143PH4.txt Time=Infinitys Backtracks=8088 Assignments=8103 Solved=False AvgBacktrackTime=0

143PH5.txt Time=Infinitys Backtracks=80880 Assignments=81030 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19639.2 Avg Assignments: 19701.6

144 [('NKD', 'ForwardChecking', 'NKT'), 'DH', 'LCV']

144PE1.txt Time=0.06755988597869873s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06756

144PE2.txt Time=0.08260691165924072s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08261

144PE3.txt Time=0.14880127906799318s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.02976

144PE4.txt Time=0.1490699291229248s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.02981

144PE5.txt Time=0.060528898239135744s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03026

Solution:5/5

:Avg runtime: 0.1017 Avg Backtracks: 2.8 Avg Assignments: 5.4

144PM1.txt Time=Infinitys Backtracks=1995 Assignments=2003 Solved=False AvgBacktrackTime=0

144PM2.txt Time=Infinitys Backtracks=2109 Assignments=2131 Solved=False AvgBacktrackTime=0

144PM3.txt Time=36.202981770038605s Backtracks=1337 Assignments=1362 Solved=True  
AvgBacktrackTime=0.02708

144PM4.txt Time=Infinitys Backtracks=1862 Assignments=1893 Solved=False AvgBacktrackTime=0

144PM5.txt Time=15.052022933959961s Backtracks=457 Assignments=463 Solved=True  
AvgBacktrackTime=0.03294

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1552.0 Avg Assignments: 1570.4

144PH1.txt Time=Infinitys Backtracks=1866 Assignments=2007 Solved=False AvgBacktrackTime=0

144PH2.txt Time=2.0566680431365967s Backtracks=22 Assignments=28 Solved=True  
AvgBacktrackTime=0.09348

144PH3.txt Time=Infinitys Backtracks=6689 Assignments=6707 Solved=False AvgBacktrackTime=0

144PH4.txt Time=Infinitys Backtracks=7320 Assignments=7338 Solved=False AvgBacktrackTime=0

144PH5.txt Time=Infinitys Backtracks=73200 Assignments=73380 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 17819.4 Avg Assignments: 17892.0

145 [('NKD', 'NKT', 'ForwardChecking'), 'None', 'None']

145PE1.txt Time=0.06366491317749023s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02122

145PE2.txt Time=0.09718508720397949s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.03240

145PE3.txt Time=0.19466714859008788s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.01770

145PE4.txt Time=0.08344831466674804s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

145PE5.txt Time=0.05628035068511963s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01407

Solution:5/5

:Avg runtime: 0.09904 Avg Backtracks: 4.2 Avg Assignments: 6.8

145PM1.txt Time=0.41909003257751465s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.06985

145PM2.txt Time=Infinitys Backtracks=1411 Assignments=1431 Solved=False AvgBacktrackTime=0

145PM3.txt Time=1.1465032696723938s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.06744

145PM4.txt Time=1.5409889221191406s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.5137

145PM5.txt Time=1.167914092540741s Backtracks=37 Assignments=43 Solved=True  
AvgBacktrackTime=0.03157

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 294.8 Avg Assignments: 311.2

145PH1.txt Time=18.830185651779175s Backtracks=20 Assignments=168 Solved=True  
AvgBacktrackTime=0.9415

145PH2.txt Time=0.9876508712768555s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1975

145PH3.txt Time=146.84244179725647s Backtracks=1267 Assignments=1279 Solved=True  
AvgBacktrackTime=0.1159

145PH4.txt Time=350.15179896354675s Backtracks=3454 Assignments=3466 Solved=True  
AvgBacktrackTime=0.1014

145PH5.txt Time=Infinitys Backtracks=34540 Assignments=34660 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7857.2 Avg Assignments: 7916.6

146 [('NKD', 'NKT', 'ForwardChecking'), 'None', 'LCV']

146PE1.txt Time=0.06783297061920165s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06783

146PE2.txt Time=0.1035377025604248s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05177

146PE3.txt Time=0.20430335998535157s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.02270

146PE4.txt Time=0.08772830963134766s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08773

146PE5.txt Time=0.03782422542572021s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1002 Avg Backtracks: 2.6 Avg Assignments: 5.2

146PM1.txt Time=0.4813160300254822s Backtracks=2 Assignments=8 Solved=True  
AvgBacktrackTime=0.2407

146PM2.txt Time=1.2851253151893616s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

146PM3.txt Time=1.6046063303947449s Backtracks=10 Assignments=38 Solved=True  
AvgBacktrackTime=0.1605

146PM4.txt Time=Infinitys Backtracks=2064 Assignments=2091 Solved=False AvgBacktrackTime=0

146PM5.txt Time=1.2990363240242004s Backtracks=35 Assignments=41 Solved=True  
AvgBacktrackTime=0.03712

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 422.2 Avg Assignments: 441.0

146PH1.txt Time=17.203067541122437s Backtracks=9 Assignments=161 Solved=True  
AvgBacktrackTime=1.911

146PH2.txt Time=1.5040853023529053s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.1367

146PH3.txt Time=118.88778495788574s Backtracks=1159 Assignments=1171 Solved=True  
AvgBacktrackTime=0.1026

146PH4.txt Time=122.47139120101929s Backtracks=1527 Assignments=1539 Solved=True  
AvgBacktrackTime=0.08020

146PH5.txt Time=Infinitys Backtracks=15270 Assignments=15390 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3595.2 Avg Assignments: 3655.4

147 [(['NKD', 'NKT', 'ForwardChecking'), 'MRV', 'None']

147PE1.txt Time=0.06356627941131592s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02119

147PE2.txt Time=0.09741041660308838s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.03247



147PE3.txt Time=0.16722946166992186s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.02389

147PE4.txt Time=0.0838533878326416s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0

147PE5.txt Time=0.04115939140319824s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01029

Solution:5/5

:Avg runtime: 0.09066 Avg Backtracks: 3.4 Avg Assignments: 6.0

147PM1.txt Time=0.5319592952728271s Backtracks=5 Assignments=13 Solved=True  
AvgBacktrackTime=0.1064

147PM2.txt Time=1.571987807750702s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2246

147PM3.txt Time=1.9632546305656433s Backtracks=21 Assignments=44 Solved=True  
AvgBacktrackTime=0.09349

147PM4.txt Time=2.0715773701667786s Backtracks=2 Assignments=43 Solved=True  
AvgBacktrackTime=1.036

147PM5.txt Time=2.873995065689087s Backtracks=83 Assignments=88 Solved=True  
AvgBacktrackTime=0.03463

Solution:5/5

:Avg runtime: 1.803 Avg Backtracks: 23.6 Avg Assignments: 45.0

147PH1.txt Time=18.202961206436157s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=18.20

147PH2.txt Time=1.1378941535949707s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.2276

147PH3.txt Time=127.6572916507721s Backtracks=1173 Assignments=1183 Solved=True  
AvgBacktrackTime=0.1088

147PH4.txt Time=39.785823345184326s Backtracks=413 Assignments=428 Solved=True  
AvgBacktrackTime=0.09633

147PH5.txt Time=456.84487295150757s Backtracks=4519 Assignments=4534 Solved=True  
AvgBacktrackTime=0.1011

Solution:5/5

:Avg runtime: 128.7 Avg Backtracks: 1222.2 Avg Assignments: 1263.8

148 [('NKD', 'NKT', 'ForwardChecking'), 'MRV', 'LCV']

148PE1.txt Time=0.06791150569915771s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06791

148PE2.txt Time=0.1039320707321167s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.05197

148PE3.txt Time=0.15796294212341308s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.03159

148PE4.txt Time=0.08752496242523193s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.08752

148PE5.txt Time=0.06073782444000244s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0956 Avg Backtracks: 1.8 Avg Assignments: 4.4

148PM1.txt Time=0.6125922799110413s Backtracks=5 Assignments=13 Solved=True  
AvgBacktrackTime=0.1225

148PM2.txt Time=1.8381167650222778s Backtracks=9 Assignments=43 Solved=True  
AvgBacktrackTime=0.2042

148PM3.txt Time=1.5512550473213196s Backtracks=2 Assignments=33 Solved=True  
AvgBacktrackTime=0.7756

148PM4.txt Time=2.290238857269287s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.3817

148PM5.txt Time=3.01515531539917s Backtracks=80 Assignments=85 Solved=True  
AvgBacktrackTime=0.03769

Solution:5/5

:Avg runtime: 1.861 Avg Backtracks: 20.4 Avg Assignments: 44.8

148PH1.txt Time=19.298920154571533s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

148PH2.txt Time=1.3771741390228271s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.1721

148PH3.txt Time=56.11328172683716s Backtracks=526 Assignments=536 Solved=True  
AvgBacktrackTime=0.1067

148PH4.txt Time=95.08945536613464s Backtracks=871 Assignments=886 Solved=True  
AvgBacktrackTime=0.1092

148PH5.txt Time=Infinitys Backtracks=8710 Assignments=8860 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2023.0 Avg Assignments: 2093.2

149 [(['NKD', 'NKT', 'ForwardChecking'), 'DH', 'None']

149PE1.txt Time=0.07499473094940186s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03750

149PE2.txt Time=0.09147226810455322s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.03049

149PE3.txt Time=0.13802103996276854s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01725

149PE4.txt Time=0.1404825210571289s Backtracks=11 Assignments=14 Solved=True  
AvgBacktrackTime=0.01277

149PE5.txt Time=0.05751554965972901s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008217

Solution:5/5

:Avg runtime: 0.1005 Avg Backtracks: 6.2 Avg Assignments: 8.6

149PM1.txt Time=Infinitys Backtracks=2558 Assignments=2564 Solved=False AvgBacktrackTime=0  
149PM2.txt Time=Infinitys Backtracks=2566 Assignments=2582 Solved=False AvgBacktrackTime=0  
149PM3.txt Time=Infinitys Backtracks=2587 Assignments=2604 Solved=False AvgBacktrackTime=0  
149PM4.txt Time=Infinitys Backtracks=2713 Assignments=2739 Solved=False AvgBacktrackTime=0  
149PM5.txt Time=8.751142084598541s Backtracks=306 Assignments=312 Solved=True  
AvgBacktrackTime=0.02860

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2146.0 Avg Assignments: 2160.2

149PH1.txt Time=Infinitys Backtracks=3438 Assignments=3558 Solved=False AvgBacktrackTime=0  
149PH2.txt Time=2.3650240898132324s Backtracks=29 Assignments=35 Solved=True  
AvgBacktrackTime=0.08155  
149PH3.txt Time=Infinitys Backtracks=8471 Assignments=8485 Solved=False AvgBacktrackTime=0  
149PH4.txt Time=Infinitys Backtracks=8093 Assignments=8109 Solved=False AvgBacktrackTime=0  
149PH5.txt Time=Infinitys Backtracks=80930 Assignments=81090 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 20192.2 Avg Assignments: 20255.4

150 [('NKD', 'NKT', 'ForwardChecking'), 'DH', 'LCV']

150PE1.txt Time=0.07152862548828125s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07153  
150PE2.txt Time=0.08864240646362305s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0  
150PE3.txt Time=0.1286235809326172s Backtracks=7 Assignments=10 Solved=True  
AvgBacktrackTime=0.01837

150PE4.txt Time=0.13852102756500245s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02309

150PE5.txt Time=0.05680141448974609s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02840

Solution:5/5

:Avg runtime: 0.09682 Avg Backtracks: 3.2 Avg Assignments: 5.6

150PM1.txt Time=Infinitys Backtracks=2509 Assignments=2515 Solved=False AvgBacktrackTime=0

150PM2.txt Time=Infinitys Backtracks=2145 Assignments=2168 Solved=False AvgBacktrackTime=0

150PM3.txt Time=23.25945907831192s Backtracks=842 Assignments=869 Solved=True  
AvgBacktrackTime=0.02762

150PM4.txt Time=Infinitys Backtracks=2349 Assignments=2381 Solved=False AvgBacktrackTime=0

150PM5.txt Time=11.473825216293335s Backtracks=418 Assignments=424 Solved=True  
AvgBacktrackTime=0.02745

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1652.6 Avg Assignments: 1671.4

150PH1.txt Time=Infinitys Backtracks=2465 Assignments=2608 Solved=False AvgBacktrackTime=0

150PH2.txt Time=2.642133951187134s Backtracks=33 Assignments=39 Solved=True  
AvgBacktrackTime=0.08006

150PH3.txt Time=Infinitys Backtracks=8016 Assignments=8034 Solved=False AvgBacktrackTime=0

150PH4.txt Time=Infinitys Backtracks=7366 Assignments=7383 Solved=False AvgBacktrackTime=0

150PH5.txt Time=Infinitys Backtracks=73660 Assignments=73830 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 18308.0 Avg Assignments: 18378.8

151 [('NKT', 'ForwardChecking', 'NKD'), 'None', 'None']

151PE1.txt Time=0.061707377433776855s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02057

151PE2.txt Time=0.06314325332641602s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02105

151PE3.txt Time=0.17088983058929444s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.01709

151PE4.txt Time=0.05573801994323731s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

151PE5.txt Time=0.06489307880401611s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01298

Solution:5/5

:Avg runtime: 0.08328 Avg Backtracks: 4.2 Avg Assignments: 6.4

151PM1.txt Time=0.6386855840682983s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.03548

151PM2.txt Time=Infinitys Backtracks=1285 Assignments=1307 Solved=False AvgBacktrackTime=0

151PM3.txt Time=1.0596592426300049s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.09633

151PM4.txt Time=1.5215807557106018s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=0.7608

151PM5.txt Time=1.3391185998916626s Backtracks=40 Assignments=46 Solved=True  
AvgBacktrackTime=0.03348

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 271.2 Avg Assignments: 288.0

151PH1.txt Time=19.228373289108276s Backtracks=25 Assignments=173 Solved=True  
AvgBacktrackTime=0.7691

151PH2.txt Time=1.1142451763153076s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.1857

151PH3.txt Time=183.0310561656952s Backtracks=1359 Assignments=1371 Solved=True  
AvgBacktrackTime=0.1347

151PH4.txt Time=437.8943557739258s Backtracks=3898 Assignments=3911 Solved=True  
AvgBacktrackTime=0.1123

151PH5.txt Time=Infinitys Backtracks=38980 Assignments=39110 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 8853.6 Avg Assignments: 8915.4

152 [('NKT', 'ForwardChecking', 'NKD'), 'None', 'LCV']

152PE1.txt Time=0.06657571792602539s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06658

152PE2.txt Time=0.06704978942871094s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03352

152PE3.txt Time=0.15253641605377197s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.01907

152PE4.txt Time=0.056324315071105954s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

152PE5.txt Time=0.0645972728729248s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0814 Avg Backtracks: 2.2 Avg Assignments: 4.4

152PM1.txt Time=0.4257879853248596s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1419

152PM2.txt Time=1.5631805658340454s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=1.563

152PM3.txt Time=1.4330413937568665s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.1592

152PM4.txt Time=Infinitys Backtracks=1600 Assignments=1627 Solved=False AvgBacktrackTime=0

152PM5.txt Time=1.5195571780204773s Backtracks=38 Assignments=44 Solved=True  
AvgBacktrackTime=0.03999

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 330.2 Avg Assignments: 349.4

152PH1.txt Time=17.909550666809082s Backtracks=16 Assignments=168 Solved=True  
AvgBacktrackTime=1.119

152PH2.txt Time=2.0008761882781982s Backtracks=16 Assignments=22 Solved=True  
AvgBacktrackTime=0.1251

152PH3.txt Time=127.70223212242126s Backtracks=991 Assignments=1003 Solved=True  
AvgBacktrackTime=0.1289

152PH4.txt Time=161.04563760757446s Backtracks=1835 Assignments=1848 Solved=True  
AvgBacktrackTime=0.08776

152PH5.txt Time=Infinitys Backtracks=18350 Assignments=18480 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 4241.6 Avg Assignments: 4304.2

153 [(['NKT', 'ForwardChecking', 'NKD'), 'MRV', 'None']

153PE1.txt Time=0.061541199684143066s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02051

153PE2.txt Time=0.06510193347930908s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02170

153PE3.txt Time=0.174196457862854s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02903

153PE4.txt Time=0.05606629848480225s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

153PE5.txt Time=0.06476609706878662s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01295



Solution:5/5

:Avg runtime: 0.08434 Avg Backtracks: 3.4 Avg Assignments: 5.6

153PM1.txt Time=0.438187837600708s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1095

153PM2.txt Time=1.5593475699424744s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2228

153PM3.txt Time=2.378041923046112s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1034

153PM4.txt Time=2.138519823551178s Backtracks=2 Assignments=43 Solved=True  
AvgBacktrackTime=1.069

153PM5.txt Time=3.1680771112442017s Backtracks=84 Assignments=90 Solved=True  
AvgBacktrackTime=0.03772

Solution:5/5

:Avg runtime: 1.937 Avg Backtracks: 24.0 Avg Assignments: 46.0

153PH1.txt Time=18.427193641662598s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=18.43

153PH2.txt Time=1.0684928894042969s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.2137

153PH3.txt Time=149.84265327453613s Backtracks=1170 Assignments=1180 Solved=True  
AvgBacktrackTime=0.1281

153PH4.txt Time=46.372802734375s Backtracks=431 Assignments=447 Solved=True  
AvgBacktrackTime=0.1076

153PH5.txt Time=547.8306379318237s Backtracks=4535 Assignments=4551 Solved=True  
AvgBacktrackTime=0.1208

Solution:5/5

:Avg runtime: 152.7 Avg Backtracks: 1228.4 Avg Assignments: 1270.4

154 [('NKT', 'ForwardChecking', 'NKD'), 'MRV', 'LCV']

154PE1.txt Time=0.06655683517456054s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06656

154PE2.txt Time=0.06881742477416992s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03441

154PE3.txt Time=0.1579205274581909s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.03948

154PE4.txt Time=0.05643312931060791s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

154PE5.txt Time=0.0648496389389038s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0829 Avg Backtracks: 1.4 Avg Assignments: 3.6

154PM1.txt Time=0.5988186001777649s Backtracks=6 Assignments=13 Solved=True  
AvgBacktrackTime=0.09980

154PM2.txt Time=1.8643216490745544s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.2330

154PM3.txt Time=1.4784045219421387s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

154PM4.txt Time=2.2675562500953674s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.5669

154PM5.txt Time=3.270918309688568s Backtracks=79 Assignments=85 Solved=True  
AvgBacktrackTime=0.04140

Solution:5/5

:Avg runtime: 1.896 Avg Backtracks: 19.4 Avg Assignments: 43.6

154PH1.txt Time=19.219019889831543s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

154PH2.txt Time=1.7203497886657715s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.1911

154PH3.txt Time=69.15458583831787s Backtracks=529 Assignments=539 Solved=True  
AvgBacktrackTime=0.1307

154PH4.txt Time=115.4731936454773s Backtracks=923 Assignments=939 Solved=True  
AvgBacktrackTime=0.1251

154PH5.txt Time=Infinitys Backtracks=9230 Assignments=9390 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2138.2 Avg Assignments: 2210.4

155 [('NKT', 'ForwardChecking', 'NKD'), 'DH', 'None']

155PE1.txt Time=0.08254528045654297s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01651

155PE2.txt Time=0.09055328369140625s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.04528

155PE3.txt Time=0.14264800548553466s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.02853

155PE4.txt Time=0.09153399467468262s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01308

155PE5.txt Time=0.09384138584136963s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01341

Solution:5/5

:Avg runtime: 0.1002 Avg Backtracks: 5.2 Avg Assignments: 7.6

155PM1.txt Time=Infinitys Backtracks=2277 Assignments=2282 Solved=False AvgBacktrackTime=0

155PM2.txt Time=Infinitys Backtracks=2440 Assignments=2458 Solved=False AvgBacktrackTime=0

155PM3.txt Time=Infinitys Backtracks=2320 Assignments=2339 Solved=False AvgBacktrackTime=0

155PM4.txt Time=Infinitys Backtracks=2345 Assignments=2366 Solved=False AvgBacktrackTime=0

155PM5.txt Time=7.981782615184784s Backtracks=243 Assignments=249 Solved=True  
AvgBacktrackTime=0.03285

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1925.0 Avg Assignments: 1938.8

155PH1.txt Time=Infinitys Backtracks=3595 Assignments=3716 Solved=False AvgBacktrackTime=0

155PH2.txt Time=4.54146933555603s Backtracks=51 Assignments=57 Solved=True  
AvgBacktrackTime=0.08905

155PH3.txt Time=Infinitys Backtracks=6742 Assignments=6761 Solved=False AvgBacktrackTime=0

155PH4.txt Time=Infinitys Backtracks=6868 Assignments=6877 Solved=False AvgBacktrackTime=0

155PH5.txt Time=Infinitys Backtracks=68680 Assignments=68770 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 17187.2 Avg Assignments: 17236.2

156 [('NKT', 'ForwardChecking', 'NKD'), 'DH', 'LCV']

156PE1.txt Time=0.06877892017364502s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06878

156PE2.txt Time=0.09011979103088379s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

156PE3.txt Time=0.11870381832122803s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.02968

156PE4.txt Time=0.08946809768676758s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04473

156PE5.txt Time=0.09240911006927491s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04620

Solution:5/5

:Avg runtime: 0.0919 Avg Backtracks: 1.8 Avg Assignments: 4.2

156PM1.txt Time=Infinitys Backtracks=2264 Assignments=2268 Solved=False AvgBacktrackTime=0

156PM2.txt Time=Infinitys Backtracks=2100 Assignments=2122 Solved=False AvgBacktrackTime=0

156PM3.txt Time=27.44538027048111s Backtracks=944 Assignments=971 Solved=True  
AvgBacktrackTime=0.02907

156PM4.txt Time=Infinitys Backtracks=2495 Assignments=2523 Solved=False AvgBacktrackTime=0

156PM5.txt Time=9.505602419376373s Backtracks=287 Assignments=293 Solved=True  
AvgBacktrackTime=0.03312

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1618.0 Avg Assignments: 1635.4

156PH1.txt Time=Infinitys Backtracks=2627 Assignments=2768 Solved=False AvgBacktrackTime=0

156PH2.txt Time=4.037691831588745s Backtracks=51 Assignments=57 Solved=True  
AvgBacktrackTime=0.07917

156PH3.txt Time=Infinitys Backtracks=6242 Assignments=6252 Solved=False AvgBacktrackTime=0

156PH4.txt Time=Infinitys Backtracks=6940 Assignments=6959 Solved=False AvgBacktrackTime=0

156PH5.txt Time=Infinitys Backtracks=69400 Assignments=69590 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 17052.0 Avg Assignments: 17125.2

157 [('NKT', 'NKD', 'ForwardChecking'), 'None', 'None']

157PE1.txt Time=0.0643357515335083s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02145

157PE2.txt Time=0.06769757270812989s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02257

157PE3.txt Time=0.19549939632415772s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.01777

157PE4.txt Time=0.06023216247558594s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

157PE5.txt Time=0.06912295818328858s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01382

Solution:5/5

:Avg runtime: 0.09136 Avg Backtracks: 4.4 Avg Assignments: 6.8

157PM1.txt Time=0.49081718921661377s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.04462

157PM2.txt Time=Infinitys Backtracks=1374 Assignments=1396 Solved=False AvgBacktrackTime=0

157PM3.txt Time=0.9943140149116516s Backtracks=10 Assignments=26 Solved=True  
AvgBacktrackTime=0.09943

157PM4.txt Time=1.5191857814788818s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.5064

157PM5.txt Time=1.229196846485138s Backtracks=37 Assignments=43 Solved=True  
AvgBacktrackTime=0.03322

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 287.0 Avg Assignments: 303.6

157PH1.txt Time=18.885185480117798s Backtracks=19 Assignments=167 Solved=True  
AvgBacktrackTime=0.9940

157PH2.txt Time=0.927952766418457s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1856

157PH3.txt Time=158.50069379806519s Backtracks=1357 Assignments=1369 Solved=True  
AvgBacktrackTime=0.1168

157PH4.txt Time=329.25986075401306s Backtracks=3193 Assignments=3206 Solved=True  
AvgBacktrackTime=0.1031

157PH5.txt Time=Infinitys Backtracks=31930 Assignments=32060 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7300.8 Avg Assignments: 7362.4

158 [('NKT', 'NKD', 'ForwardChecking'), 'None', 'LCV']

158PE1.txt Time=0.06947047710418701s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06947

158PE2.txt Time=0.0751767873764038s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03759

158PE3.txt Time=0.19244561195373536s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.02138

158PE4.txt Time=0.060630273818969724s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

158PE5.txt Time=0.06870152950286865s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09326 Avg Backtracks: 2.4 Avg Assignments: 4.8

158PM1.txt Time=0.37420958280563354s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.3742

158PM2.txt Time=1.3713617324829102s Backtracks=0 Assignments=28 Solved=True  
AvgBacktrackTime=0

158PM3.txt Time=1.306367814540863s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.4355

158PM4.txt Time=Infinitys Backtracks=1979 Assignments=2007 Solved=False AvgBacktrackTime=0

158PM5.txt Time=1.2635376453399658s Backtracks=33 Assignments=39 Solved=True  
AvgBacktrackTime=0.03829

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 403.2 Avg Assignments: 422.0

158PH1.txt Time=17.21139168739319s Backtracks=9 Assignments=161 Solved=True  
AvgBacktrackTime=1.912

158PH2.txt Time=1.4245035648345947s Backtracks=8 Assignments=13 Solved=True  
AvgBacktrackTime=0.1781

158PH3.txt Time=129.10654091835022s Backtracks=1227 Assignments=1239 Solved=True  
AvgBacktrackTime=0.1052

158PH4.txt Time=117.28305006027222s Backtracks=1397 Assignments=1410 Solved=True  
AvgBacktrackTime=0.08395

158PH5.txt Time=Infinitys Backtracks=13970 Assignments=14100 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3322.2 Avg Assignments: 3384.6

159 [(['NKT', 'NKD', 'ForwardChecking'), 'MRV', 'None']

159PE1.txt Time=0.06441359519958496s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02147

159PE2.txt Time=0.06778290271759033s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02259

159PE3.txt Time=0.16840848922729493s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.02406

159PE4.txt Time=0.06036367416381836s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

159PE5.txt Time=0.06728899478912354s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01346

Solution:5/5

:Avg runtime: 0.08566 Avg Backtracks: 3.6 Avg Assignments: 6.0



159PM1.txt Time=0.4480780363082886s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.08962

159PM2.txt Time=1.5325083136558533s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2189

159PM3.txt Time=2.15570330619812s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1027

159PM4.txt Time=1.9991514682769775s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=1.999

159PM5.txt Time=2.8362408876419067s Backtracks=75 Assignments=81 Solved=True  
AvgBacktrackTime=0.03782

Solution:5/5

:Avg runtime: 1.794 Avg Backtracks: 21.8 Avg Assignments: 43.8

159PH1.txt Time=18.249793529510498s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=18.25

159PH2.txt Time=1.055290937423706s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.1508

159PH3.txt Time=133.18511819839478s Backtracks=1161 Assignments=1171 Solved=True  
AvgBacktrackTime=0.1147

159PH4.txt Time=37.58044195175171s Backtracks=367 Assignments=382 Solved=True  
AvgBacktrackTime=0.1024

159PH5.txt Time=467.6484622955322s Backtracks=4400 Assignments=4417 Solved=True  
AvgBacktrackTime=0.1063

Solution:5/5

:Avg runtime: 131.5 Avg Backtracks: 1187.2 Avg Assignments: 1229.0

160 [('NKT', 'NKD', 'ForwardChecking'), 'MRV', 'LCV']

160PE1.txt Time=0.07042093276977539s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07042

160PE2.txt Time=0.07536656856536865s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03768

160PE3.txt Time=0.16220648288726808s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.03244

160PE4.txt Time=0.060775017738342284s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

160PE5.txt Time=0.06711571216583252s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08718 Avg Backtracks: 1.6 Avg Assignments: 4.0

160PM1.txt Time=0.5191411972045898s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1038

160PM2.txt Time=1.7375854849815369s Backtracks=5 Assignments=38 Solved=True  
AvgBacktrackTime=0.3475

160PM3.txt Time=1.4425515532493591s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

160PM4.txt Time=2.2108463048934937s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.5527

160PM5.txt Time=2.9177281856536865s Backtracks=71 Assignments=77 Solved=True  
AvgBacktrackTime=0.04109

Solution:5/5

:Avg runtime: 1.766 Avg Backtracks: 17.0 Avg Assignments: 41.0

160PH1.txt Time=19.366278648376465s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=19.37

160PH2.txt Time=1.3157784938812256s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.1880

160PH3.txt Time=58.71049118041992s Backtracks=528 Assignments=538 Solved=True  
AvgBacktrackTime=0.1112

160PH4.txt Time=95.4929690361023s Backtracks=861 Assignments=876 Solved=True  
AvgBacktrackTime=0.1109

160PH5.txt Time=Infinitys Backtracks=8610 Assignments=8760 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2001.4 Avg Assignments: 2071.2

161 [(['NKT', 'NKD', 'ForwardChecking'), 'DH', 'None']

161PE1.txt Time=0.08829867839813232s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.01766

161PE2.txt Time=0.06768162250518799s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02256

161PE3.txt Time=0.14844605922698975s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02474

161PE4.txt Time=0.09309580326080322s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01330

161PE5.txt Time=0.0892486810684204s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.01275

Solution:5/5

:Avg runtime: 0.09734 Avg Backtracks: 5.6 Avg Assignments: 7.8

161PM1.txt Time=Infinitys Backtracks=2534 Assignments=2537 Solved=False AvgBacktrackTime=0

161PM2.txt Time=Infinitys Backtracks=2542 Assignments=2561 Solved=False AvgBacktrackTime=0

161PM3.txt Time=Infinitys Backtracks=2585 Assignments=2601 Solved=False AvgBacktrackTime=0

161PM4.txt Time=Infinitys Backtracks=2631 Assignments=2656 Solved=False AvgBacktrackTime=0

161PM5.txt Time=5.534475207328796s Backtracks=199 Assignments=205 Solved=True  
AvgBacktrackTime=0.02781

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2098.2 Avg Assignments: 2112.0

161PH1.txt Time=Infinitys Backtracks=3564 Assignments=3688 Solved=False AvgBacktrackTime=0

161PH2.txt Time=3.3212497234344482s Backtracks=42 Assignments=47 Solved=True  
AvgBacktrackTime=0.07908

161PH3.txt Time=Infinitys Backtracks=8374 Assignments=8389 Solved=False AvgBacktrackTime=0

161PH4.txt Time=Infinitys Backtracks=6905 Assignments=6914 Solved=False AvgBacktrackTime=0

161PH5.txt Time=Infinitys Backtracks=69050 Assignments=69140 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 17587.0 Avg Assignments: 17635.6

162 [(['NKT', 'NKD', 'ForwardChecking'), 'DH', 'LCV']

162PE1.txt Time=0.0788712739944458s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03944

162PE2.txt Time=0.06690154075622559s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06690

162PE3.txt Time=0.13520514965057373s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.03380

162PE4.txt Time=0.09114367961883545s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04557

162PE5.txt Time=0.09087493419647216s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04544

Solution:5/5

:Avg runtime: 0.0926 Avg Backtracks: 2.2 Avg Assignments: 4.4

162PM1.txt Time=Infinitys Backtracks=2514 Assignments=2517 Solved=False AvgBacktrackTime=0

162PM2.txt Time=Infinitys Backtracks=2137 Assignments=2159 Solved=False AvgBacktrackTime=0

162PM3.txt Time=23.643952071666718s Backtracks=875 Assignments=901 Solved=True  
AvgBacktrackTime=0.02702

162PM4.txt Time=Infinitys Backtracks=2386 Assignments=2414 Solved=False AvgBacktrackTime=0

162PM5.txt Time=6.9747185707092285s Backtracks=254 Assignments=260 Solved=True  
AvgBacktrackTime=0.02746

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1633.2 Avg Assignments: 1650.2

162PH1.txt Time=Infinitys Backtracks=2588 Assignments=2731 Solved=False AvgBacktrackTime=0

162PH2.txt Time=3.0085866451263428s Backtracks=39 Assignments=44 Solved=True  
AvgBacktrackTime=0.07714

162PH3.txt Time=Infinitys Backtracks=7998 Assignments=8013 Solved=False AvgBacktrackTime=0

162PH4.txt Time=Infinitys Backtracks=7815 Assignments=7832 Solved=False AvgBacktrackTime=0

162PH5.txt Time=Infinitys Backtracks=78150 Assignments=78320 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 19318.0 Avg Assignments: 19388.0

163 [(['ForwardChecking', 'ArcConsistency'), 'None', 'None']

163PE1.txt Time=0.03891522884368896s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01297

163PE2.txt Time=0.0829094648361206s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02764

163PE3.txt Time=0.6445582389831543s Backtracks=29 Assignments=35 Solved=True  
AvgBacktrackTime=0.02223

163PE4.txt Time=0.3212155342102051s Backtracks=4 Assignments=13 Solved=True  
AvgBacktrackTime=0.08030

163PE5.txt Time=0.031855320930480956s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.007964

Solution:5/5

:Avg runtime: 0.224 Avg Backtracks: 8.6 Avg Assignments: 12.4

163PM1.txt Time=Infinitys Backtracks=1461 Assignments=1474 Solved=False AvgBacktrackTime=0

163PM2.txt Time=Infinitys Backtracks=768 Assignments=796 Solved=False AvgBacktrackTime=0

163PM3.txt Time=19.72811096906662s Backtracks=433 Assignments=455 Solved=True  
AvgBacktrackTime=0.04556

163PM4.txt Time=Infinitys Backtracks=1070 Assignments=1107 Solved=False AvgBacktrackTime=0

163PM5.txt Time=44.26932632923126s Backtracks=866 Assignments=880 Solved=True  
AvgBacktrackTime=0.05112

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 919.6 Avg Assignments: 942.4

163PH1.txt Time=Infinitys Backtracks=2832 Assignments=2872 Solved=False AvgBacktrackTime=0

163PH2.txt Time=26.77943229675293s Backtracks=279 Assignments=289 Solved=True  
AvgBacktrackTime=0.09598

163PH3.txt Time=Infinitys Backtracks=5190 Assignments=5201 Solved=False AvgBacktrackTime=0

163PH4.txt Time=Infinitys Backtracks=3363 Assignments=3389 Solved=False AvgBacktrackTime=0

163PH5.txt Time=Infinitys Backtracks=33630 Assignments=33890 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 9058.8 Avg Assignments: 9128.2

164 [('ForwardChecking', 'ArcConsistency'), 'None', 'LCV']

164PE1.txt Time=0.039059686660766604s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

164PE2.txt Time=0.16150369644165039s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04038

164PE3.txt Time=0.5079392433166504s Backtracks=24 Assignments=30 Solved=True  
AvgBacktrackTime=0.02116

164PE4.txt Time=0.3359302759170532s Backtracks=6 Assignments=15 Solved=True  
AvgBacktrackTime=0.05599

164PE5.txt Time=0.032074785232543944s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2152 Avg Backtracks: 6.8 Avg Assignments: 10.6

164PM1.txt Time=32.66226810216904s Backtracks=726 Assignments=743 Solved=True  
AvgBacktrackTime=0.04499

164PM2.txt Time=2.2983744144439697s Backtracks=9 Assignments=41 Solved=True  
AvgBacktrackTime=0.2554

164PM3.txt Time=26.627421438694s Backtracks=610 Assignments=645 Solved=True  
AvgBacktrackTime=0.04365

164PM4.txt Time=Infinitys Backtracks=1061 Assignments=1095 Solved=False AvgBacktrackTime=0

164PM5.txt Time=Infinitys Backtracks=1086 Assignments=1104 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 698.4 Avg Assignments: 725.6

164PH1.txt Time=84.90264439582825s Backtracks=690 Assignments=845 Solved=True  
AvgBacktrackTime=0.1230

164PH2.txt Time=123.98436713218689s Backtracks=1014 Assignments=1024 Solved=True  
AvgBacktrackTime=0.1223

164PH3.txt Time=Infinitys Backtracks=4948 Assignments=4958 Solved=False AvgBacktrackTime=0

164PH4.txt Time=Infinitys Backtracks=3433 Assignments=3456 Solved=False AvgBacktrackTime=0

164PH5.txt Time=Infinitys Backtracks=34330 Assignments=34560 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 8883.0 Avg Assignments: 8968.6

165 [(['ForwardChecking', 'ArcConsistency'), 'MRV', 'None']

165PE1.txt Time=0.0390052318572998s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01300

165PE2.txt Time=0.08280904293060302s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02760

165PE3.txt Time=0.4566332817077637s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.03513

165PE4.txt Time=0.2480018377304077s Backtracks=1 Assignments=10 Solved=True  
AvgBacktrackTime=0.2480

165PE5.txt Time=0.03215484619140625s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008039

Solution:5/5

:Avg runtime: 0.1717 Avg Backtracks: 4.8 Avg Assignments: 8.6

165PM1.txt Time=4.378286957740784s Backtracks=71 Assignments=92 Solved=True  
AvgBacktrackTime=0.06167

165PM2.txt Time=2.953585147857666s Backtracks=38 Assignments=78 Solved=True  
AvgBacktrackTime=0.07773

165PM3.txt Time=3.764650821685791s Backtracks=27 Assignments=62 Solved=True  
AvgBacktrackTime=0.1394

165PM4.txt Time=2.503035008907318s Backtracks=1 Assignments=46 Solved=True  
AvgBacktrackTime=2.503

165PM5.txt Time=48.901165664196014s Backtracks=846 Assignments=865 Solved=True  
AvgBacktrackTime=0.05780



Solution:5/5

:Avg runtime: 12.50 Avg Backtracks: 196.6 Avg Assignments: 228.6

165PH1.txt Time=19.40325355529785s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=9.702

165PH2.txt Time=5.36621356010437s Backtracks=25 Assignments=41 Solved=True  
AvgBacktrackTime=0.2146

165PH3.txt Time=Infinitys Backtracks=2942 Assignments=2964 Solved=False AvgBacktrackTime=0

165PH4.txt Time=Infinitys Backtracks=2969 Assignments=2995 Solved=False AvgBacktrackTime=0

165PH5.txt Time=Infinitys Backtracks=29690 Assignments=29950 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 7125.6 Avg Assignments: 7223.0

166 [(['ForwardChecking', 'ArcConsistency'), 'MRV', 'LCV']

166PE1.txt Time=0.03911008834838867s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

166PE2.txt Time=0.1616208791732788s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04041

166PE3.txt Time=0.3305029392242432s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.04131

166PE4.txt Time=0.3816763162612915s Backtracks=7 Assignments=16 Solved=True  
AvgBacktrackTime=0.05453

166PE5.txt Time=0.03169851303100586s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1889 Avg Backtracks: 3.8 Avg Assignments: 7.6

166PM1.txt Time=17.42240971326828s Backtracks=319 Assignments=340 Solved=True  
AvgBacktrackTime=0.05462

166PM2.txt Time=2.513277232646942s Backtracks=25 Assignments=65 Solved=True  
AvgBacktrackTime=0.1005

166PM3.txt Time=27.354215383529663s Backtracks=390 Assignments=428 Solved=True  
AvgBacktrackTime=0.07014

166PM4.txt Time=4.114848852157593s Backtracks=34 Assignments=83 Solved=True  
AvgBacktrackTime=0.1210

166PM5.txt Time=Infinitys Backtracks=1026 Assignments=1045 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 358.8 Avg Assignments: 392.2

166PH1.txt Time=20.96562433242798s Backtracks=1 Assignments=173 Solved=True  
AvgBacktrackTime=20.97

166PH2.txt Time=52.58780217170715s Backtracks=353 Assignments=369 Solved=True  
AvgBacktrackTime=0.1490

166PH3.txt Time=Infinitys Backtracks=2856 Assignments=2876 Solved=False AvgBacktrackTime=0

166PH4.txt Time=Infinitys Backtracks=2847 Assignments=2877 Solved=False AvgBacktrackTime=0

166PH5.txt Time=Infinitys Backtracks=28470 Assignments=28770 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 6905.4 Avg Assignments: 7013.0

167 [('ForwardChecking', 'ArcConsistency'), 'DH', 'None']

167PE1.txt Time=0.052413129806518556s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05241

167PE2.txt Time=0.37131333351135254s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.03094

167PE3.txt Time=19.5457284450531s Backtracks=1024 Assignments=1031 Solved=True  
AvgBacktrackTime=0.01909

167PE4.txt Time=0.3239546537399292s Backtracks=18 Assignments=19 Solved=True  
AvgBacktrackTime=0.01800

167PE5.txt Time=0.06673476696014405s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.009534

Solution:5/5

:Avg runtime: 4.072 Avg Backtracks: 212.4 Avg Assignments: 215.8

167PM1.txt Time=Infinitys Backtracks=1415 Assignments=1431 Solved=False AvgBacktrackTime=0

167PM2.txt Time=Infinitys Backtracks=1501 Assignments=1523 Solved=False AvgBacktrackTime=0

167PM3.txt Time=Infinitys Backtracks=1094 Assignments=1120 Solved=False AvgBacktrackTime=0

167PM4.txt Time=Infinitys Backtracks=1315 Assignments=1350 Solved=False AvgBacktrackTime=0

167PM5.txt Time=Infinitys Backtracks=1114 Assignments=1124 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1287.8 Avg Assignments: 1309.6

167PH1.txt Time=Infinitys Backtracks=1466 Assignments=1616 Solved=False AvgBacktrackTime=0

167PH2.txt Time=Infinitys Backtracks=2195 Assignments=2214 Solved=False AvgBacktrackTime=0

167PH3.txt Time=Infinitys Backtracks=3245 Assignments=3267 Solved=False AvgBacktrackTime=0

167PH4.txt Time=Infinitys Backtracks=2788 Assignments=2813 Solved=False AvgBacktrackTime=0

167PH5.txt Time=Infinitys Backtracks=27880 Assignments=28130 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 7514.8 Avg Assignments: 7608.0

168 [('ForwardChecking', 'ArcConsistency'), 'DH', 'LCV']

168PE1.txt Time=0.05262460708618164s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05262

168PE2.txt Time=0.24852819442749025s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.06213

168PE3.txt Time=16.68042986392975s Backtracks=862 Assignments=869 Solved=True  
AvgBacktrackTime=0.01935

168PE4.txt Time=0.3222372055053711s Backtracks=13 Assignments=14 Solved=True  
AvgBacktrackTime=0.02479

168PE5.txt Time=0.06608474254608154s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03304

Solution:5/5

:Avg runtime: 3.474 Avg Backtracks: 176.4 Avg Assignments: 179.8

168PM1.txt Time=Infinitys Backtracks=1209 Assignments=1226 Solved=False AvgBacktrackTime=0

168PM2.txt Time=Infinitys Backtracks=1185 Assignments=1214 Solved=False AvgBacktrackTime=0

168PM3.txt Time=Infinitys Backtracks=1095 Assignments=1131 Solved=False AvgBacktrackTime=0

168PM4.txt Time=Infinitys Backtracks=1164 Assignments=1211 Solved=False AvgBacktrackTime=0

168PM5.txt Time=Infinitys Backtracks=1129 Assignments=1137 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1156.4 Avg Assignments: 1183.8

168PH1.txt Time=Infinitys Backtracks=1284 Assignments=1454 Solved=False AvgBacktrackTime=0

168PH2.txt Time=Infinitys Backtracks=2010 Assignments=2030 Solved=False AvgBacktrackTime=0

168PH3.txt Time=Infinitys Backtracks=3104 Assignments=3130 Solved=False AvgBacktrackTime=0

168PH4.txt Time=Infinitys Backtracks=2556 Assignments=2584 Solved=False AvgBacktrackTime=0

168PH5.txt Time=Infinitys Backtracks=25560 Assignments=25840 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 6902.8 Avg Assignments: 7007.6

169 [('ArcConsistency', 'ForwardChecking'), 'None', 'None']

169PE1.txt Time=0.1114332914352417s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03714

169PE2.txt Time=0.17815206050872803s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05938

169PE3.txt Time=0.8310133695602417s Backtracks=29 Assignments=35 Solved=True  
AvgBacktrackTime=0.02866

169PE4.txt Time=0.3787759065628052s Backtracks=4 Assignments=13 Solved=True  
AvgBacktrackTime=0.09469

169PE5.txt Time=0.10477044582366943s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02619

Solution:5/5

:Avg runtime: 0.321 Avg Backtracks: 8.6 Avg Assignments: 12.4

169PM1.txt Time=Infinitys Backtracks=1303 Assignments=1306 Solved=False AvgBacktrackTime=0

169PM2.txt Time=Infinitys Backtracks=950 Assignments=976 Solved=False AvgBacktrackTime=0

169PM3.txt Time=18.446178019046783s Backtracks=433 Assignments=455 Solved=True  
AvgBacktrackTime=0.04260

169PM4.txt Time=Infinitys Backtracks=1131 Assignments=1168 Solved=False AvgBacktrackTime=0

169PM5.txt Time=41.73254919052124s Backtracks=866 Assignments=880 Solved=True  
AvgBacktrackTime=0.04819

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 936.6 Avg Assignments: 957.0

169PH1.txt Time=Infinitys Backtracks=2320 Assignments=2360 Solved=False AvgBacktrackTime=0  
169PH2.txt Time=34.92964553833008s Backtracks=279 Assignments=289 Solved=True  
AvgBacktrackTime=0.1252  
169PH3.txt Time=Infinitys Backtracks=3470 Assignments=3483 Solved=False AvgBacktrackTime=0  
169PH4.txt Time=Infinitys Backtracks=2780 Assignments=2805 Solved=False AvgBacktrackTime=0  
169PH5.txt Time=Infinitys Backtracks=27800 Assignments=28050 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 7329.8 Avg Assignments: 7397.4

170 [('ArcConsistency', 'ForwardChecking'), 'None', 'LCV']

170PE1.txt Time=0.1146512746810913s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0  
170PE2.txt Time=0.23508663177490235s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.05877  
170PE3.txt Time=0.6739705324172973s Backtracks=24 Assignments=30 Solved=True  
AvgBacktrackTime=0.02808  
170PE4.txt Time=0.4000321626663208s Backtracks=6 Assignments=15 Solved=True  
AvgBacktrackTime=0.06667  
170PE5.txt Time=0.1043860912322998s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.3056 Avg Backtracks: 6.8 Avg Assignments: 10.6

170PM1.txt Time=31.134489119052887s Backtracks=726 Assignments=743 Solved=True  
AvgBacktrackTime=0.04288  
170PM2.txt Time=2.3859500885009766s Backtracks=9 Assignments=41 Solved=True  
AvgBacktrackTime=0.2651  
170PM3.txt Time=25.39987051486969s Backtracks=610 Assignments=645 Solved=True  
AvgBacktrackTime=0.04164

170PM4.txt Time=Infinitys Backtracks=1019 Assignments=1053 Solved=False AvgBacktrackTime=0

170PM5.txt Time=54.68211758136749s Backtracks=1148 Assignments=1162 Solved=True  
AvgBacktrackTime=0.04763

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 702.4 Avg Assignments: 728.8

170PH1.txt Time=105.28568124771118s Backtracks=690 Assignments=845 Solved=True  
AvgBacktrackTime=0.1526

170PH2.txt Time=117.318608045578s Backtracks=1014 Assignments=1024 Solved=True  
AvgBacktrackTime=0.1157

170PH3.txt Time=Infinitys Backtracks=3409 Assignments=3417 Solved=False AvgBacktrackTime=0

170PH4.txt Time=Infinitys Backtracks=2781 Assignments=2805 Solved=False AvgBacktrackTime=0

170PH5.txt Time=Infinitys Backtracks=27810 Assignments=28050 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 7140.8 Avg Assignments: 7228.2

171 [('ArcConsistency', 'ForwardChecking'), 'MRV', 'None']

171PE1.txt Time=0.11444706916809082s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03815

171PE2.txt Time=0.17817997932434082s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05939

171PE3.txt Time=0.5536277770996094s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.04259

171PE4.txt Time=0.3262173652648926s Backtracks=1 Assignments=10 Solved=True  
AvgBacktrackTime=0.3262

171PE5.txt Time=0.11126904487609864s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02782

Solution:5/5

:Avg runtime: 0.2566 Avg Backtracks: 4.8 Avg Assignments: 8.6

171PM1.txt Time=4.373812675476074s Backtracks=71 Assignments=92 Solved=True  
AvgBacktrackTime=0.06160

171PM2.txt Time=3.345095992088318s Backtracks=38 Assignments=78 Solved=True  
AvgBacktrackTime=0.08803

171PM3.txt Time=3.5496278405189514s Backtracks=27 Assignments=62 Solved=True  
AvgBacktrackTime=0.1315

171PM4.txt Time=2.836655914783478s Backtracks=1 Assignments=46 Solved=True  
AvgBacktrackTime=2.837

171PM5.txt Time=42.713601887226105s Backtracks=846 Assignments=865 Solved=True  
AvgBacktrackTime=0.05049

Solution:5/5

:Avg runtime: 11.36 Avg Backtracks: 196.6 Avg Assignments: 228.6

171PH1.txt Time=20.511451959609985s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=10.26

171PH2.txt Time=6.217966079711914s Backtracks=25 Assignments=41 Solved=True  
AvgBacktrackTime=0.2487

171PH3.txt Time=Infinitys Backtracks=2780 Assignments=2805 Solved=False AvgBacktrackTime=0

171PH4.txt Time=Infinitys Backtracks=2471 Assignments=2501 Solved=False AvgBacktrackTime=0

171PH5.txt Time=Infinitys Backtracks=24710 Assignments=25010 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 5997.6 Avg Assignments: 6104.4

172 [('ArcConsistency', 'ForwardChecking'), 'MRV', 'LCV']



172PE1.txt Time=0.11449894905090333s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

172PE2.txt Time=0.23837168216705323s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.05959

172PE3.txt Time=0.4638059616088867s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.05798

172PE4.txt Time=0.4462935209274292s Backtracks=7 Assignments=16 Solved=True  
AvgBacktrackTime=0.06376

172PE5.txt Time=0.11174318790435792s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.275 Avg Backtracks: 3.8 Avg Assignments: 7.6

172PM1.txt Time=15.601091146469116s Backtracks=319 Assignments=340 Solved=True  
AvgBacktrackTime=0.04891

172PM2.txt Time=2.9604984521865845s Backtracks=25 Assignments=65 Solved=True  
AvgBacktrackTime=0.1184

172PM3.txt Time=23.973768830299377s Backtracks=390 Assignments=428 Solved=True  
AvgBacktrackTime=0.06147

172PM4.txt Time=4.470638990402222s Backtracks=34 Assignments=83 Solved=True  
AvgBacktrackTime=0.1315

172PM5.txt Time=55.02378165721893s Backtracks=1073 Assignments=1092 Solved=True  
AvgBacktrackTime=0.05128

Solution:5/5

:Avg runtime: 20.4 Avg Backtracks: 368.2 Avg Assignments: 401.6

172PH1.txt Time=22.191352367401123s Backtracks=1 Assignments=173 Solved=True  
AvgBacktrackTime=22.19

172PH2.txt Time=47.17431330680847s Backtracks=353 Assignments=369 Solved=True  
AvgBacktrackTime=0.1336

172PH3.txt Time=Infinitys Backtracks=2693 Assignments=2714 Solved=False AvgBacktrackTime=0

172PH4.txt Time=Infinitys Backtracks=2386 Assignments=2408 Solved=False AvgBacktrackTime=0  
172PH5.txt Time=Infinitys Backtracks=23860 Assignments=24080 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 5858.6 Avg Assignments: 5948.8

173 [('ArcConsistency', 'ForwardChecking'), 'DH', 'None']

173PE1.txt Time=0.15117616653442384s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1512

173PE2.txt Time=0.3611527681350708s Backtracks=12 Assignments=19 Solved=True  
AvgBacktrackTime=0.03010

173PE3.txt Time=16.6560179233551s Backtracks=1024 Assignments=1031 Solved=True  
AvgBacktrackTime=0.01627

173PE4.txt Time=0.45552849769592285s Backtracks=18 Assignments=19 Solved=True  
AvgBacktrackTime=0.02531

173PE5.txt Time=0.20938608646392823s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02991

Solution:5/5

:Avg runtime: 3.568 Avg Backtracks: 212.4 Avg Assignments: 215.8

173PM1.txt Time=Infinitys Backtracks=1748 Assignments=1759 Solved=False AvgBacktrackTime=0

173PM2.txt Time=Infinitys Backtracks=1745 Assignments=1768 Solved=False AvgBacktrackTime=0

173PM3.txt Time=Infinitys Backtracks=1692 Assignments=1717 Solved=False AvgBacktrackTime=0

173PM4.txt Time=Infinitys Backtracks=1592 Assignments=1629 Solved=False AvgBacktrackTime=0

173PM5.txt Time=Infinitys Backtracks=1639 Assignments=1649 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1683.2 Avg Assignments: 1704.4

173PH1.txt Time=Infinitys Backtracks=1972 Assignments=2120 Solved=False AvgBacktrackTime=0

173PH2.txt Time=Infinitys Backtracks=2822 Assignments=2840 Solved=False AvgBacktrackTime=0

173PH3.txt Time=Infinitys Backtracks=3071 Assignments=3093 Solved=False AvgBacktrackTime=0

173PH4.txt Time=Infinitys Backtracks=2695 Assignments=2720 Solved=False AvgBacktrackTime=0

173PH5.txt Time=Infinitys Backtracks=26950 Assignments=27200 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 7502.0 Avg Assignments: 7594.6

174 [('ArcConsistency', 'ForwardChecking'), 'DH', 'LCV']

174PE1.txt Time=0.15197224617004396s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1520

174PE2.txt Time=0.28836522102355955s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.07209

174PE3.txt Time=14.025382089614869s Backtracks=862 Assignments=869 Solved=True  
AvgBacktrackTime=0.01627

174PE4.txt Time=0.4550731897354126s Backtracks=13 Assignments=14 Solved=True  
AvgBacktrackTime=0.03501

174PE5.txt Time=0.19389538764953612s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09695

Solution:5/5

:Avg runtime: 3.024 Avg Backtracks: 176.4 Avg Assignments: 179.8

174PM1.txt Time=Infinitys Backtracks=1507 Assignments=1517 Solved=False AvgBacktrackTime=0

174PM2.txt Time=Infinitys Backtracks=1478 Assignments=1508 Solved=False AvgBacktrackTime=0

174PM3.txt Time=Infinitys Backtracks=1277 Assignments=1310 Solved=False AvgBacktrackTime=0  
174PM4.txt Time=Infinitys Backtracks=1260 Assignments=1305 Solved=False AvgBacktrackTime=0  
174PM5.txt Time=Infinitys Backtracks=1530 Assignments=1542 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1410.4 Avg Assignments: 1436.4

174PH1.txt Time=Infinitys Backtracks=1380 Assignments=1547 Solved=False AvgBacktrackTime=0  
174PH2.txt Time=Infinitys Backtracks=2643 Assignments=2661 Solved=False AvgBacktrackTime=0  
174PH3.txt Time=Infinitys Backtracks=2950 Assignments=2976 Solved=False AvgBacktrackTime=0  
174PH4.txt Time=Infinitys Backtracks=2492 Assignments=2522 Solved=False AvgBacktrackTime=0  
174PH5.txt Time=Infinitys Backtracks=24920 Assignments=25220 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 6877.0 Avg Assignments: 6985.2

175 [('ForwardChecking', 'ArcConsistency', 'NKT'), 'None', 'None']

175PE1.txt Time=0.05550544261932373s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01850

175PE2.txt Time=0.08656907081604004s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02886

175PE3.txt Time=0.4034374952316284s Backtracks=14 Assignments=18 Solved=True  
AvgBacktrackTime=0.02882

175PE4.txt Time=0.14686148166656493s Backtracks=0 Assignments=5 Solved=True  
AvgBacktrackTime=0

175PE5.txt Time=0.03530299663543701s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008826

Solution:5/5

:Avg runtime: 0.1455 Avg Backtracks: 4.8 Avg Assignments: 7.4

175PM1.txt Time=25.59311282634735s Backtracks=631 Assignments=643 Solved=True  
AvgBacktrackTime=0.04056

175PM2.txt Time=Infinitys Backtracks=904 Assignments=928 Solved=False AvgBacktrackTime=0

175PM3.txt Time=2.765316367149353s Backtracks=36 Assignments=56 Solved=True  
AvgBacktrackTime=0.07681

175PM4.txt Time=2.580004870891571s Backtracks=11 Assignments=48 Solved=True  
AvgBacktrackTime=0.2345

175PM5.txt Time=4.046069860458374s Backtracks=100 Assignments=107 Solved=True  
AvgBacktrackTime=0.04046

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 336.4 Avg Assignments: 356.4

175PH1.txt Time=44.44314384460449s Backtracks=119 Assignments=268 Solved=True  
AvgBacktrackTime=0.3735

175PH2.txt Time=2.904736042022705s Backtracks=17 Assignments=25 Solved=True  
AvgBacktrackTime=0.1709

175PH3.txt Time=Infinitys Backtracks=2565 Assignments=2591 Solved=False AvgBacktrackTime=0

175PH4.txt Time=Infinitys Backtracks=1851 Assignments=1865 Solved=False AvgBacktrackTime=0

175PH5.txt Time=Infinitys Backtracks=18510 Assignments=18650 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4612.4 Avg Assignments: 4679.8

176 [('ForwardChecking', 'ArcConsistency', 'NKT'), 'None', 'LCV']

176PE1.txt Time=0.0627185583114624s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

176PE2.txt Time=0.1143918752670288s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05720

176PE3.txt Time=0.3681962251663208s Backtracks=12 Assignments=16 Solved=True  
AvgBacktrackTime=0.03068

176PE4.txt Time=0.1923433303833008s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.09617

176PE5.txt Time=0.04166107177734375s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1559 Avg Backtracks: 3.2 Avg Assignments: 5.8

176PM1.txt Time=9.383014857769012s Backtracks=207 Assignments=219 Solved=True  
AvgBacktrackTime=0.04533

176PM2.txt Time=2.3787376284599304s Backtracks=2 Assignments=37 Solved=True  
AvgBacktrackTime=1.189

176PM3.txt Time=2.8399787545204163s Backtracks=35 Assignments=62 Solved=True  
AvgBacktrackTime=0.08114

176PM4.txt Time=Infinitys Backtracks=1082 Assignments=1115 Solved=False AvgBacktrackTime=0

176PM5.txt Time=5.2802122831344604s Backtracks=117 Assignments=124 Solved=True  
AvgBacktrackTime=0.04513

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 288.6 Avg Assignments: 311.4

176PH1.txt Time=24.76745295524597s Backtracks=39 Assignments=193 Solved=True  
AvgBacktrackTime=0.6351

176PH2.txt Time=6.652978897094727s Backtracks=41 Assignments=49 Solved=True  
AvgBacktrackTime=0.1623

176PH3.txt Time=Infinitys Backtracks=2363 Assignments=2390 Solved=False AvgBacktrackTime=0

176PH4.txt Time=Infinitys Backtracks=1914 Assignments=1931 Solved=False AvgBacktrackTime=0

176PH5.txt Time=Infinitys Backtracks=19140 Assignments=19310 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4699.4 Avg Assignments: 4774.6

177 [('ForwardChecking', 'ArcConsistency', 'NKT'), 'MRV', 'None']

177PE1.txt Time=0.04335951805114746s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01445

177PE2.txt Time=0.08697972297668458s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02899

177PE3.txt Time=0.362820029258728s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.04031

177PE4.txt Time=0.11842586994171142s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

177PE5.txt Time=0.04679815769195557s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01170

Solution:5/5

:Avg runtime: 0.1317 Avg Backtracks: 3.8 Avg Assignments: 6.2

177PM1.txt Time=2.9799346327781677s Backtracks=41 Assignments=55 Solved=True  
AvgBacktrackTime=0.07268

177PM2.txt Time=2.064969062805176s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2950

177PM3.txt Time=8.486243188381195s Backtracks=94 Assignments=123 Solved=True  
AvgBacktrackTime=0.09028

177PM4.txt Time=2.933509647846222s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=2.934

177PM5.txt Time=7.9794602394104s Backtracks=136 Assignments=145 Solved=True  
AvgBacktrackTime=0.05867

Solution:5/5

:Avg runtime: 4.888 Avg Backtracks: 55.8 Avg Assignments: 81.0

177PH1.txt Time=23.94618034362793s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=11.97

177PH2.txt Time=3.0873661041259766s Backtracks=14 Assignments=24 Solved=True  
AvgBacktrackTime=0.2205

177PH3.txt Time=Infinitys Backtracks=1768 Assignments=1791 Solved=False AvgBacktrackTime=0

177PH4.txt Time=Infinitys Backtracks=1753 Assignments=1768 Solved=False AvgBacktrackTime=0

177PH5.txt Time=Infinitys Backtracks=17530 Assignments=17680 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4213.4 Avg Assignments: 4285.6

178 [(['ForwardChecking', 'ArcConsistency', 'NKT'), 'MRV', 'LCV']

178PE1.txt Time=0.04360837936401367s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

178PE2.txt Time=0.11488373279571533s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05744

178PE3.txt Time=0.32963905334472654s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.04709

178PE4.txt Time=0.13143472671508788s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.1314

178PE5.txt Time=0.03557229042053223s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1310 Avg Backtracks: 2.0 Avg Assignments: 4.4



178PM1.txt Time=2.379618227481842s Backtracks=29 Assignments=43 Solved=True  
AvgBacktrackTime=0.08206

178PM2.txt Time=2.658852458000183s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.6647

178PM3.txt Time=3.1753188371658325s Backtracks=16 Assignments=50 Solved=True  
AvgBacktrackTime=0.1985

178PM4.txt Time=3.0319421887397766s Backtracks=18 Assignments=59 Solved=True  
AvgBacktrackTime=0.1684

178PM5.txt Time=9.503732562065125s Backtracks=151 Assignments=160 Solved=True  
AvgBacktrackTime=0.06294

Solution:5/5

:Avg runtime: 4.15 Avg Backtracks: 43.6 Avg Assignments: 71.2

178PH1.txt Time=25.520888090133667s Backtracks=0 Assignments=173 Solved=True  
AvgBacktrackTime=0

178PH2.txt Time=3.4248764514923096s Backtracks=12 Assignments=22 Solved=True  
AvgBacktrackTime=0.2854

178PH3.txt Time=Infinitys Backtracks=1763 Assignments=1785 Solved=False AvgBacktrackTime=0

178PH4.txt Time=Infinitys Backtracks=1744 Assignments=1764 Solved=False AvgBacktrackTime=0

178PH5.txt Time=Infinitys Backtracks=17440 Assignments=17640 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4191.8 Avg Assignments: 4276.8

179 [('ForwardChecking', 'ArcConsistency', 'NKT'), 'DH', 'None']

179PE1.txt Time=0.06341519355773925s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06342

179PE2.txt Time=0.19008378982543944s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03168

179PE3.txt Time=0.5248961448669434s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.02100

179PE4.txt Time=0.1098665714263916s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01099

179PE5.txt Time=0.07174949645996094s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01025

Solution:5/5

:Avg runtime: 0.1920 Avg Backtracks: 9.8 Avg Assignments: 12.0

179PM1.txt Time=Infinitys Backtracks=1551 Assignments=1557 Solved=False AvgBacktrackTime=0

179PM2.txt Time=Infinitys Backtracks=1751 Assignments=1772 Solved=False AvgBacktrackTime=0

179PM3.txt Time=Infinitys Backtracks=1321 Assignments=1339 Solved=False AvgBacktrackTime=0

179PM4.txt Time=Infinitys Backtracks=1713 Assignments=1736 Solved=False AvgBacktrackTime=0

179PM5.txt Time=Infinitys Backtracks=1067 Assignments=1074 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1480.6 Avg Assignments: 1495.6

179PH1.txt Time=Infinitys Backtracks=2411 Assignments=2533 Solved=False AvgBacktrackTime=0

179PH2.txt Time=Infinitys Backtracks=2170 Assignments=2177 Solved=False AvgBacktrackTime=0

179PH3.txt Time=Infinitys Backtracks=2106 Assignments=2122 Solved=False AvgBacktrackTime=0

179PH4.txt Time=Infinitys Backtracks=2099 Assignments=2116 Solved=False AvgBacktrackTime=0

179PH5.txt Time=Infinitys Backtracks=20990 Assignments=21160 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 5955.2 Avg Assignments: 6021.6

180 [('ForwardChecking', 'ArcConsistency', 'NKT'), 'DH', 'LCV']

180PE1.txt Time=0.09462330341339112s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.09462

180PE2.txt Time=0.147438383102417s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.07372

180PE3.txt Time=0.23102619647979736s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.02567

180PE4.txt Time=0.10798764228820801s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02160

180PE5.txt Time=0.09137001037597656s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04569

Solution:5/5

:Avg runtime: 0.1345 Avg Backtracks: 3.8 Avg Assignments: 6.0

180PM1.txt Time=Infinitys Backtracks=1514 Assignments=1521 Solved=False AvgBacktrackTime=0

180PM2.txt Time=Infinitys Backtracks=1224 Assignments=1247 Solved=False AvgBacktrackTime=0

180PM3.txt Time=Infinitys Backtracks=1136 Assignments=1165 Solved=False AvgBacktrackTime=0

180PM4.txt Time=Infinitys Backtracks=1116 Assignments=1149 Solved=False AvgBacktrackTime=0

180PM5.txt Time=Infinitys Backtracks=1024 Assignments=1031 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1202.8 Avg Assignments: 1222.6

180PH1.txt Time=Infinitys Backtracks=1584 Assignments=1727 Solved=False AvgBacktrackTime=0

180PH2.txt Time=Infinitys Backtracks=2017 Assignments=2028 Solved=False AvgBacktrackTime=0

180PH3.txt Time=Infinitys Backtracks=2059 Assignments=2081 Solved=False AvgBacktrackTime=0

180PH4.txt Time=Infinitys Backtracks=2205 Assignments=2224 Solved=False AvgBacktrackTime=0

180PH5.txt Time=Infinitys Backtracks=22050 Assignments=22240 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 5983.0 Avg Assignments: 6060.0

181 [('ForwardChecking', 'NKT', 'ArcConsistency'), 'None', 'None']

181PE1.txt Time=0.037464475631713866s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01249

181PE2.txt Time=0.08573606014251708s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02858

181PE3.txt Time=0.3388496398925781s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.03080

181PE4.txt Time=0.11672685146331788s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

181PE5.txt Time=0.04197015762329102s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01049

Solution:5/5

:Avg runtime: 0.1241 Avg Backtracks: 4.2 Avg Assignments: 6.6

181PM1.txt Time=22.266652941703796s Backtracks=487 Assignments=498 Solved=True  
AvgBacktrackTime=0.04572

181PM2.txt Time=Infinitys Backtracks=786 Assignments=808 Solved=False AvgBacktrackTime=0

181PM3.txt Time=2.4512662291526794s Backtracks=29 Assignments=48 Solved=True  
AvgBacktrackTime=0.08453

181PM4.txt Time=2.348623812198639s Backtracks=7 Assignments=43 Solved=True  
AvgBacktrackTime=0.3355

181PM5.txt Time=3.066437065601349s Backtracks=72 Assignments=79 Solved=True  
AvgBacktrackTime=0.04259

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 276.2 Avg Assignments: 295.2

181PH1.txt Time=33.83038401603699s Backtracks=57 Assignments=206 Solved=True  
AvgBacktrackTime=0.5935

181PH2.txt Time=2.2258048057556152s Backtracks=11 Assignments=18 Solved=True  
AvgBacktrackTime=0.2023

181PH3.txt Time=Infinitys Backtracks=2076 Assignments=2094 Solved=False AvgBacktrackTime=0

181PH4.txt Time=Infinitys Backtracks=1681 Assignments=1701 Solved=False AvgBacktrackTime=0

181PH5.txt Time=Infinitys Backtracks=16810 Assignments=17010 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4127.0 Avg Assignments: 4205.8

182 [('ForwardChecking', 'NKT', 'ArcConsistency'), 'None', 'LCV']

182PE1.txt Time=0.0376209020614624s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

182PE2.txt Time=0.10408217906951904s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05204

182PE3.txt Time=0.31497583389282224s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.03500

182PE4.txt Time=0.16527221202850342s Backtracks=2 Assignments=6 Solved=True  
AvgBacktrackTime=0.08264

182PE5.txt Time=0.06099791526794433s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1366 Avg Backtracks: 2.6 Avg Assignments: 5.0

182PM1.txt Time=7.675481021404266s Backtracks=165 Assignments=176 Solved=True  
AvgBacktrackTime=0.04652

182PM2.txt Time=2.2208011746406555s Backtracks=1 Assignments=35 Solved=True  
AvgBacktrackTime=2.221

182PM3.txt Time=2.5490205883979797s Backtracks=20 Assignments=47 Solved=True  
AvgBacktrackTime=0.1275

182PM4.txt Time=Infinitys Backtracks=962 Assignments=996 Solved=False AvgBacktrackTime=0

182PM5.txt Time=4.372815907001495s Backtracks=88 Assignments=95 Solved=True  
AvgBacktrackTime=0.04969

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 247.2 Avg Assignments: 269.8

182PH1.txt Time=24.348832607269287s Backtracks=22 Assignments=176 Solved=True  
AvgBacktrackTime=1.107

182PH2.txt Time=5.301417827606201s Backtracks=27 Assignments=34 Solved=True  
AvgBacktrackTime=0.1963

182PH3.txt Time=Infinitys Backtracks=1961 Assignments=1990 Solved=False AvgBacktrackTime=0

182PH4.txt Time=Infinitys Backtracks=1696 Assignments=1710 Solved=False AvgBacktrackTime=0

182PH5.txt Time=Infinitys Backtracks=16960 Assignments=17100 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4133.2 Avg Assignments: 4202.0

183 [(['ForwardChecking', 'NKT', 'ArcConsistency'), 'MRV', 'None']

183PE1.txt Time=0.037306571006774904s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01244

183PE2.txt Time=0.08651647567749024s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02884

183PE3.txt Time=0.26926138401031496s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.03847

183PE4.txt Time=0.11708724498748779s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

183PE5.txt Time=0.041605472564697266s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01040

Solution:5/5

:Avg runtime: 0.1104 Avg Backtracks: 3.4 Avg Assignments: 5.8

183PM1.txt Time=2.618777632713318s Backtracks=33 Assignments=46 Solved=True  
AvgBacktrackTime=0.07936

183PM2.txt Time=2.0347838401794434s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2907

183PM3.txt Time=12.097943902015686s Backtracks=140 Assignments=169 Solved=True  
AvgBacktrackTime=0.08641

183PM4.txt Time=2.961696982383728s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=2.962

183PM5.txt Time=6.351137638092041s Backtracks=104 Assignments=112 Solved=True  
AvgBacktrackTime=0.06107

Solution:5/5

:Avg runtime: 5.212 Avg Backtracks: 57.0 Avg Assignments: 81.8

183PH1.txt Time=23.998132467269897s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=12.00

183PH2.txt Time=2.731159210205078s Backtracks=8 Assignments=18 Solved=True  
AvgBacktrackTime=0.3414

183PH3.txt Time=Infinitys Backtracks=1595 Assignments=1619 Solved=False AvgBacktrackTime=0

183PH4.txt Time=Infinitys Backtracks=1615 Assignments=1632 Solved=False AvgBacktrackTime=0

183PH5.txt Time=Infinitys Backtracks=16150 Assignments=16320 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3874.0 Avg Assignments: 3950.8

184 [('ForwardChecking', 'NKT', 'ArcConsistency'), 'MRV', 'LCV']

184PE1.txt Time=0.03772461414337158s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

184PE2.txt Time=0.10355539321899414s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05178

184PE3.txt Time=0.2459186792373657s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.04918

184PE4.txt Time=0.1294034957885742s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.1294

184PE5.txt Time=0.045354914665222165s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1124 Avg Backtracks: 1.6 Avg Assignments: 4.0

184PM1.txt Time=2.02042418718338s Backtracks=18 Assignments=31 Solved=True  
AvgBacktrackTime=0.1122

184PM2.txt Time=2.6269537210464478s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.6567

184PM3.txt Time=2.405466139316559s Backtracks=6 Assignments=39 Solved=True  
AvgBacktrackTime=0.4009

184PM4.txt Time=3.373941481113434s Backtracks=18 Assignments=61 Solved=True  
AvgBacktrackTime=0.1874

184PM5.txt Time=7.6762107610702515s Backtracks=119 Assignments=127 Solved=True  
AvgBacktrackTime=0.06451

Solution:5/5

:Avg runtime: 3.622 Avg Backtracks: 33.0 Avg Assignments: 60.4

184PH1.txt Time=26.210391759872437s Backtracks=3 Assignments=175 Solved=True  
AvgBacktrackTime=8.737



184PH2.txt Time=2.3309900760650635s Backtracks=3 Assignments=13 Solved=True  
AvgBacktrackTime=0.7770

184PH3.txt Time=Infinitys Backtracks=1566 Assignments=1585 Solved=False AvgBacktrackTime=0

184PH4.txt Time=Infinitys Backtracks=1572 Assignments=1593 Solved=False AvgBacktrackTime=0

184PH5.txt Time=Infinitys Backtracks=15720 Assignments=15930 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3772.8 Avg Assignments: 3859.2

185 [('ForwardChecking', 'NKT', 'ArcConsistency'), 'DH', 'None']

185PE1.txt Time=0.052861809730529785s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05286

185PE2.txt Time=0.17359187602996826s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02893

185PE3.txt Time=0.4267436981201172s Backtracks=13 Assignments=18 Solved=True  
AvgBacktrackTime=0.03283

185PE4.txt Time=0.13922998905181885s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01392

185PE5.txt Time=0.062497735023498535s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008928

Solution:5/5

:Avg runtime: 0.1710 Avg Backtracks: 7.4 Avg Assignments: 9.6

185PM1.txt Time=Infinitys Backtracks=1208 Assignments=1213 Solved=False AvgBacktrackTime=0

185PM2.txt Time=Infinitys Backtracks=1396 Assignments=1413 Solved=False AvgBacktrackTime=0

185PM3.txt Time=Infinitys Backtracks=1179 Assignments=1205 Solved=False AvgBacktrackTime=0

185PM4.txt Time=Infinitys Backtracks=1453 Assignments=1476 Solved=False AvgBacktrackTime=0

185PM5.txt Time=Infinitys Backtracks=1030 Assignments=1036 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1253.2 Avg Assignments: 1268.6

185PH1.txt Time=Infinitys Backtracks=1756 Assignments=1878 Solved=False AvgBacktrackTime=0

185PH2.txt Time=219.84637761116028s Backtracks=1436 Assignments=1443 Solved=True  
AvgBacktrackTime=0.1531

185PH3.txt Time=Infinitys Backtracks=1636 Assignments=1652 Solved=False AvgBacktrackTime=0

185PH4.txt Time=Infinitys Backtracks=1678 Assignments=1692 Solved=False AvgBacktrackTime=0

185PH5.txt Time=Infinitys Backtracks=16780 Assignments=16920 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4657.2 Avg Assignments: 4717.0

186 [('ForwardChecking', 'NKT', 'ArcConsistency'), 'DH', 'LCV']

186PE1.txt Time=0.053612256050109865s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05361

186PE2.txt Time=0.13762738704681396s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.06881

186PE3.txt Time=0.23583874702453614s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.05896

186PE4.txt Time=0.13793203830718995s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02759

186PE5.txt Time=0.06250364780426025s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03125

Solution:5/5

:Avg runtime: 0.1255 Avg Backtracks: 2.8 Avg Assignments: 5.0

186PM1.txt Time=Infinitys Backtracks=1159 Assignments=1167 Solved=False AvgBacktrackTime=0  
186PM2.txt Time=Infinitys Backtracks=1122 Assignments=1145 Solved=False AvgBacktrackTime=0  
186PM3.txt Time=Infinitys Backtracks=925 Assignments=957 Solved=False AvgBacktrackTime=0  
186PM4.txt Time=Infinitys Backtracks=1041 Assignments=1070 Solved=False AvgBacktrackTime=0  
186PM5.txt Time=Infinitys Backtracks=1007 Assignments=1016 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1050.8 Avg Assignments: 1071.0

186PH1.txt Time=Infinitys Backtracks=1386 Assignments=1529 Solved=False AvgBacktrackTime=0  
186PH2.txt Time=273.70160579681396s Backtracks=1811 Assignments=1818 Solved=True  
AvgBacktrackTime=0.1511  
186PH3.txt Time=Infinitys Backtracks=1641 Assignments=1659 Solved=False AvgBacktrackTime=0  
186PH4.txt Time=Infinitys Backtracks=1638 Assignments=1655 Solved=False AvgBacktrackTime=0  
186PH5.txt Time=Infinitys Backtracks=16380 Assignments=16550 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4571.2 Avg Assignments: 4642.2

187 [('ArcConsistency', 'ForwardChecking', 'NKT'), 'None', 'None']

187PE1.txt Time=0.11631176471710206s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03877  
187PE2.txt Time=0.18451111316680907s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06150  
187PE3.txt Time=0.5286231279373169s Backtracks=14 Assignments=18 Solved=True  
AvgBacktrackTime=0.03776  
187PE4.txt Time=0.22754194736480712s Backtracks=0 Assignments=5 Solved=True  
AvgBacktrackTime=0

187PE5.txt Time=0.1072119951248169s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02680

Solution:5/5

:Avg runtime: 0.2328 Avg Backtracks: 4.8 Avg Assignments: 7.4

187PM1.txt Time=24.79979294538498s Backtracks=631 Assignments=643 Solved=True  
AvgBacktrackTime=0.03930

187PM2.txt Time=Infinitys Backtracks=1004 Assignments=1021 Solved=False AvgBacktrackTime=0

187PM3.txt Time=2.959208846092224s Backtracks=36 Assignments=56 Solved=True  
AvgBacktrackTime=0.08220

187PM4.txt Time=2.9071338772773743s Backtracks=11 Assignments=48 Solved=True  
AvgBacktrackTime=0.2643

187PM5.txt Time=4.951882600784302s Backtracks=100 Assignments=107 Solved=True  
AvgBacktrackTime=0.04952

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 356.4 Avg Assignments: 375.0

187PH1.txt Time=40.57684278488159s Backtracks=119 Assignments=268 Solved=True  
AvgBacktrackTime=0.3410

187PH2.txt Time=4.237663507461548s Backtracks=17 Assignments=25 Solved=True  
AvgBacktrackTime=0.2493

187PH3.txt Time=Infinitys Backtracks=1776 Assignments=1789 Solved=False AvgBacktrackTime=0

187PH4.txt Time=Infinitys Backtracks=1622 Assignments=1642 Solved=False AvgBacktrackTime=0

187PH5.txt Time=Infinitys Backtracks=16220 Assignments=16420 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3950.8 Avg Assignments: 4028.8

188 [('ArcConsistency', 'ForwardChecking', 'NKT'), 'None', 'LCV']

188PE1.txt Time=0.11656856536865234s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

188PE2.txt Time=0.20078365802764891s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1004

188PE3.txt Time=0.5077971458435059s Backtracks=12 Assignments=16 Solved=True  
AvgBacktrackTime=0.04232

188PE4.txt Time=0.2580406904220581s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1290

188PE5.txt Time=0.1101682186126709s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2386 Avg Backtracks: 3.2 Avg Assignments: 5.8

188PM1.txt Time=8.920498311519623s Backtracks=207 Assignments=219 Solved=True  
AvgBacktrackTime=0.04309

188PM2.txt Time=2.627178192138672s Backtracks=2 Assignments=37 Solved=True  
AvgBacktrackTime=1.314

188PM3.txt Time=3.0486326813697815s Backtracks=35 Assignments=62 Solved=True  
AvgBacktrackTime=0.08710

188PM4.txt Time=Infinitys Backtracks=1146 Assignments=1181 Solved=False AvgBacktrackTime=0

188PM5.txt Time=6.177715718746185s Backtracks=117 Assignments=124 Solved=True  
AvgBacktrackTime=0.05280

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 301.4 Avg Assignments: 324.6

188PH1.txt Time=25.63947081565857s Backtracks=39 Assignments=193 Solved=True  
AvgBacktrackTime=0.6574

188PH2.txt Time=7.5759007930755615s Backtracks=41 Assignments=49 Solved=True  
AvgBacktrackTime=0.1848

188PH3.txt Time=Infinitys Backtracks=1736 Assignments=1754 Solved=False AvgBacktrackTime=0  
188PH4.txt Time=Infinitys Backtracks=1663 Assignments=1682 Solved=False AvgBacktrackTime=0  
188PH5.txt Time=Infinitys Backtracks=16630 Assignments=16820 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 4021.8 Avg Assignments: 4099.6

189 [('ArcConsistency', 'ForwardChecking', 'NKT'), 'MRV', 'None']

189PE1.txt Time=0.11585428714752197s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03862

189PE2.txt Time=0.18495163917541504s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06165

189PE3.txt Time=0.4697753667831421s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.05220

189PE4.txt Time=0.1983187437057495s Backtracks=0 Assignments=4 Solved=True AvgBacktrackTime=0

189PE5.txt Time=0.10820698738098145s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02705

Solution:5/5

:Avg runtime: 0.2154 Avg Backtracks: 3.8 Avg Assignments: 6.2

189PM1.txt Time=3.013372540473938s Backtracks=41 Assignments=55 Solved=True  
AvgBacktrackTime=0.07350

189PM2.txt Time=2.333284556865692s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3333

189PM3.txt Time=7.5158127546310425s Backtracks=94 Assignments=123 Solved=True  
AvgBacktrackTime=0.07996

189PM4.txt Time=3.296160399913788s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=3.296

189PM5.txt Time=7.974803626537323s Backtracks=136 Assignments=145 Solved=True  
AvgBacktrackTime=0.05864

Solution:5/5

:Avg runtime: 4.826 Avg Backtracks: 55.8 Avg Assignments: 81.0

189PH1.txt Time=25.16354465484619s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=12.58

189PH2.txt Time=4.56522536277771s Backtracks=14 Assignments=24 Solved=True  
AvgBacktrackTime=0.3261

189PH3.txt Time=Infinitys Backtracks=1499 Assignments=1520 Solved=False AvgBacktrackTime=0

189PH4.txt Time=Infinitys Backtracks=1553 Assignments=1564 Solved=False AvgBacktrackTime=0

189PH5.txt Time=Infinitys Backtracks=15530 Assignments=15640 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3719.6 Avg Assignments: 3782.6

190 [('ArcConsistency', 'ForwardChecking', 'NKT'), 'MRV', 'LCV']

190PE1.txt Time=0.11598000526428223s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

190PE2.txt Time=0.20126047134399414s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1006

190PE3.txt Time=0.4784637212753296s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.06835

190PE4.txt Time=0.2105241298675537s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.2105

190PE5.txt Time=0.10878281593322754s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.223 Avg Backtracks: 2.0 Avg Assignments: 4.4

190PM1.txt Time=2.3702086806297302s Backtracks=29 Assignments=43 Solved=True  
AvgBacktrackTime=0.08173

190PM2.txt Time=2.93365478515625s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.7334

190PM3.txt Time=3.4638773798942566s Backtracks=16 Assignments=50 Solved=True  
AvgBacktrackTime=0.2165

190PM4.txt Time=3.45757520198822s Backtracks=18 Assignments=59 Solved=True  
AvgBacktrackTime=0.1921

190PM5.txt Time=9.32078868150711s Backtracks=151 Assignments=160 Solved=True  
AvgBacktrackTime=0.06173

Solution:5/5

:Avg runtime: 4.31 Avg Backtracks: 43.6 Avg Assignments: 71.2

190PH1.txt Time=27.13273286819458s Backtracks=0 Assignments=173 Solved=True  
AvgBacktrackTime=0

190PH2.txt Time=4.790829658508301s Backtracks=12 Assignments=22 Solved=True  
AvgBacktrackTime=0.3992

190PH3.txt Time=Infinitys Backtracks=1466 Assignments=1487 Solved=False AvgBacktrackTime=0

190PH4.txt Time=Infinitys Backtracks=1506 Assignments=1526 Solved=False AvgBacktrackTime=0

190PH5.txt Time=Infinitys Backtracks=15060 Assignments=15260 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3608.8 Avg Assignments: 3693.6

191 [('ArcConsistency', 'ForwardChecking', 'NKT'), 'DH', 'None']

191PE1.txt Time=0.15118350982666015s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1512



191PE2.txt Time=0.23119618892669677s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03853

191PE3.txt Time=0.6880242586135864s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.02752

191PE4.txt Time=0.3379414796829224s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.03379

191PE5.txt Time=0.18824689388275145s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02689

Solution:5/5

:Avg runtime: 0.3192 Avg Backtracks: 9.8 Avg Assignments: 12.0

191PM1.txt Time=Infinitys Backtracks=1662 Assignments=1668 Solved=False AvgBacktrackTime=0

191PM2.txt Time=Infinitys Backtracks=1710 Assignments=1731 Solved=False AvgBacktrackTime=0

191PM3.txt Time=Infinitys Backtracks=1512 Assignments=1534 Solved=False AvgBacktrackTime=0

191PM4.txt Time=Infinitys Backtracks=1617 Assignments=1643 Solved=False AvgBacktrackTime=0

191PM5.txt Time=Infinitys Backtracks=1403 Assignments=1411 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1580.8 Avg Assignments: 1597.4

191PH1.txt Time=Infinitys Backtracks=2137 Assignments=2257 Solved=False AvgBacktrackTime=0

191PH2.txt Time=238.751398563385s Backtracks=2183 Assignments=2190 Solved=True  
AvgBacktrackTime=0.1094

191PH3.txt Time=Infinitys Backtracks=1632 Assignments=1650 Solved=False AvgBacktrackTime=0

191PH4.txt Time=Infinitys Backtracks=1717 Assignments=1734 Solved=False AvgBacktrackTime=0

191PH5.txt Time=Infinitys Backtracks=17170 Assignments=17340 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4967.8 Avg Assignments: 5034.2

192 [('ArcConsistency', 'ForwardChecking', 'NKT'), 'DH', 'LCV']

192PE1.txt Time=0.15175952911376953s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1518

192PE2.txt Time=0.20330281257629396s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.1017

192PE3.txt Time=0.40069596767425536s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.04452

192PE4.txt Time=0.3172022819519043s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.06344

192PE5.txt Time=0.1865762710571289s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09329

Solution:5/5

:Avg runtime: 0.252 Avg Backtracks: 3.8 Avg Assignments: 6.0

192PM1.txt Time=Infinitys Backtracks=1634 Assignments=1640 Solved=False AvgBacktrackTime=0

192PM2.txt Time=Infinitys Backtracks=1224 Assignments=1245 Solved=False AvgBacktrackTime=0

192PM3.txt Time=Infinitys Backtracks=1232 Assignments=1258 Solved=False AvgBacktrackTime=0

192PM4.txt Time=Infinitys Backtracks=1171 Assignments=1203 Solved=False AvgBacktrackTime=0

192PM5.txt Time=Infinitys Backtracks=1349 Assignments=1355 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1322.0 Avg Assignments: 1340.2

192PH1.txt Time=Infinitys Backtracks=1477 Assignments=1618 Solved=False AvgBacktrackTime=0

192PH2.txt Time=Infinitys Backtracks=2749 Assignments=2753 Solved=False AvgBacktrackTime=0

192PH3.txt Time=Infinitys Backtracks=1612 Assignments=1633 Solved=False AvgBacktrackTime=0

192PH4.txt Time=Infinitys Backtracks=1647 Assignments=1664 Solved=False AvgBacktrackTime=0

192PH5.txt Time=Infinitys Backtracks=16470 Assignments=16640 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 4791.0 Avg Assignments: 4861.6

193 [('ArcConsistency', 'NKT', 'ForwardChecking'), 'None', 'None']

193PE1.txt Time=0.11516728401184081s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03839

193PE2.txt Time=0.18900444507598876s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06300

193PE3.txt Time=0.47634067535400393s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.04330

193PE4.txt Time=0.2284635305404663s Backtracks=0 Assignments=5 Solved=True AvgBacktrackTime=0

193PE5.txt Time=0.10801548957824707s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02700

Solution:5/5

:Avg runtime: 0.2234 Avg Backtracks: 4.2 Avg Assignments: 6.8

193PM1.txt Time=20.827860414981842s Backtracks=499 Assignments=511 Solved=True  
AvgBacktrackTime=0.04174

193PM2.txt Time=Infinitys Backtracks=902 Assignments=923 Solved=False AvgBacktrackTime=0

193PM3.txt Time=2.625753939151764s Backtracks=29 Assignments=48 Solved=True  
AvgBacktrackTime=0.09054

193PM4.txt Time=2.6674054861068726s Backtracks=9 Assignments=45 Solved=True  
AvgBacktrackTime=0.2964

193PM5.txt Time=4.273308634757996s Backtracks=82 Assignments=89 Solved=True  
AvgBacktrackTime=0.05211

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 304.2 Avg Assignments: 323.2

193PH1.txt Time=33.57208490371704s Backtracks=57 Assignments=206 Solved=True  
AvgBacktrackTime=0.5890

193PH2.txt Time=3.8944926261901855s Backtracks=12 Assignments=20 Solved=True  
AvgBacktrackTime=0.3245

193PH3.txt Time=Infinitys Backtracks=1516 Assignments=1539 Solved=False AvgBacktrackTime=0

193PH4.txt Time=Infinitys Backtracks=1415 Assignments=1436 Solved=False AvgBacktrackTime=0

193PH5.txt Time=Infinitys Backtracks=14150 Assignments=14360 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3430.0 Avg Assignments: 3512.2

194 [('ArcConsistency', 'NKT', 'ForwardChecking'), 'None', 'LCV']

194PE1.txt Time=0.11513259410858154s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

194PE2.txt Time=0.2023214340209961s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1012

194PE3.txt Time=0.46376843452453614s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.05153

194PE4.txt Time=0.3016502380371094s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1508

194PE5.txt Time=0.10838830471038818s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2382 Avg Backtracks: 2.6 Avg Assignments: 5.2

194PM1.txt Time=7.829760432243347s Backtracks=180 Assignments=192 Solved=True  
AvgBacktrackTime=0.04350

194PM2.txt Time=2.6581671833992004s Backtracks=2 Assignments=37 Solved=True  
AvgBacktrackTime=1.329

194PM3.txt Time=3.0114792585372925s Backtracks=36 Assignments=64 Solved=True  
AvgBacktrackTime=0.08365

194PM4.txt Time=Infinitys Backtracks=1077 Assignments=1111 Solved=False AvgBacktrackTime=0

194PM5.txt Time=5.498498618602753s Backtracks=99 Assignments=106 Solved=True  
AvgBacktrackTime=0.05554

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 278.8 Avg Assignments: 302.0

194PH1.txt Time=25.210590600967407s Backtracks=22 Assignments=176 Solved=True  
AvgBacktrackTime=1.146

194PH2.txt Time=7.8397440910339355s Backtracks=39 Assignments=47 Solved=True  
AvgBacktrackTime=0.2010

194PH3.txt Time=Infinitys Backtracks=1492 Assignments=1517 Solved=False AvgBacktrackTime=0

194PH4.txt Time=Infinitys Backtracks=1487 Assignments=1509 Solved=False AvgBacktrackTime=0

194PH5.txt Time=Infinitys Backtracks=14870 Assignments=15090 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3582.0 Avg Assignments: 3667.8

195 [('ArcConsistency', 'NKT', 'ForwardChecking'), 'MRV', 'None']

195PE1.txt Time=0.11450302600860596s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03817

195PE2.txt Time=0.22381656169891356s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.07461

195PE3.txt Time=0.4382974624633789s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.04870

195PE4.txt Time=0.19855968952178954s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

195PE5.txt Time=0.10812158584594726s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02703

Solution:5/5

:Avg runtime: 0.2166 Avg Backtracks: 3.8 Avg Assignments: 6.2

195PM1.txt Time=2.872954487800598s Backtracks=41 Assignments=55 Solved=True  
AvgBacktrackTime=0.07007

195PM2.txt Time=2.295361876487732s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3279

195PM3.txt Time=12.225867331027985s Backtracks=188 Assignments=216 Solved=True  
AvgBacktrackTime=0.06503

195PM4.txt Time=3.783582329750061s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=3.784

195PM5.txt Time=8.215373516082764s Backtracks=126 Assignments=134 Solved=True  
AvgBacktrackTime=0.06520

Solution:5/5

:Avg runtime: 5.878 Avg Backtracks: 72.6 Avg Assignments: 97.4

195PH1.txt Time=25.1563081741333s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=12.58

195PH2.txt Time=4.501065492630005s Backtracks=12 Assignments=22 Solved=True  
AvgBacktrackTime=0.3751

195PH3.txt Time=Infinitys Backtracks=1323 Assignments=1337 Solved=False AvgBacktrackTime=0

195PH4.txt Time=Infinitys Backtracks=1374 Assignments=1396 Solved=False AvgBacktrackTime=0

195PH5.txt Time=Infinitys Backtracks=13740 Assignments=13960 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3290.2 Avg Assignments: 3376.0

196 [['ArcConsistency', 'NKT', 'ForwardChecking'], 'MRV', 'LCV']

196PE1.txt Time=0.11509509086608886s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

196PE2.txt Time=0.20245521068572997s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1012

196PE3.txt Time=0.42633633613586425s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.06091

196PE4.txt Time=0.2116788625717163s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.2117

196PE5.txt Time=0.10781466960906982s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2126 Avg Backtracks: 2.0 Avg Assignments: 4.4

196PM1.txt Time=2.3480384945869446s Backtracks=29 Assignments=43 Solved=True  
AvgBacktrackTime=0.08097

196PM2.txt Time=2.9429232478141785s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.7357

196PM3.txt Time=2.6631410121917725s Backtracks=6 Assignments=39 Solved=True  
AvgBacktrackTime=0.4439

196PM4.txt Time=4.011230230331421s Backtracks=18 Assignments=61 Solved=True  
AvgBacktrackTime=0.2228

196PM5.txt Time=9.697775483131409s Backtracks=141 Assignments=149 Solved=True  
AvgBacktrackTime=0.06878

Solution:5/5

:Avg runtime: 4.334 Avg Backtracks: 39.6 Avg Assignments: 67.2

196PH1.txt Time=26.79079818725586s Backtracks=0 Assignments=173 Solved=True  
AvgBacktrackTime=0

196PH2.txt Time=4.429660320281982s Backtracks=8 Assignments=18 Solved=True  
AvgBacktrackTime=0.5537

196PH3.txt Time=Infinitys Backtracks=1292 Assignments=1316 Solved=False AvgBacktrackTime=0

196PH4.txt Time=Infinitys Backtracks=1320 Assignments=1339 Solved=False AvgBacktrackTime=0

196PH5.txt Time=Infinitys Backtracks=13200 Assignments=13390 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3164.0 Avg Assignments: 3247.2

197 [('ArcConsistency', 'NKT', 'ForwardChecking'), 'DH', 'None']

197PE1.txt Time=0.15094783306121826s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1509

197PE2.txt Time=0.2265084743499756s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03775

197PE3.txt Time=0.584390926361084s Backtracks=16 Assignments=21 Solved=True  
AvgBacktrackTime=0.03652

197PE4.txt Time=0.24963858127593994s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03566

197PE5.txt Time=0.18731865882873536s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02676

Solution:5/5

:Avg runtime: 0.2796 Avg Backtracks: 7.4 Avg Assignments: 9.6

197PM1.txt Time=Infinitys Backtracks=1530 Assignments=1539 Solved=False AvgBacktrackTime=0



197PM2.txt Time=Infinitys Backtracks=1644 Assignments=1661 Solved=False AvgBacktrackTime=0  
197PM3.txt Time=Infinitys Backtracks=1507 Assignments=1526 Solved=False AvgBacktrackTime=0  
197PM4.txt Time=Infinitys Backtracks=1467 Assignments=1490 Solved=False AvgBacktrackTime=0  
197PM5.txt Time=Infinitys Backtracks=1338 Assignments=1343 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1497.2 Avg Assignments: 1511.8

197PH1.txt Time=Infinitys Backtracks=2137 Assignments=2260 Solved=False AvgBacktrackTime=0  
197PH2.txt Time=201.01289010047913s Backtracks=1676 Assignments=1683 Solved=True  
AvgBacktrackTime=0.1199  
197PH3.txt Time=Infinitys Backtracks=1431 Assignments=1449 Solved=False AvgBacktrackTime=0  
197PH4.txt Time=Infinitys Backtracks=1502 Assignments=1519 Solved=False AvgBacktrackTime=0  
197PH5.txt Time=Infinitys Backtracks=15020 Assignments=15190 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4353.2 Avg Assignments: 4420.2

198 [['ArcConsistency', 'NKT', 'ForwardChecking'], 'DH', 'LCV']

198PE1.txt Time=0.15307333469390869s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1531  
198PE2.txt Time=0.1971430778503418s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.09857  
198PE3.txt Time=0.33319265842437745s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1666  
198PE4.txt Time=0.24776871204376222s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1239  
198PE5.txt Time=0.1877197265625s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09386

Solution:5/5

:Avg runtime: 0.2238 Avg Backtracks: 1.8 Avg Assignments: 4.0

198PM1.txt Time=Infinitys Backtracks=1513 Assignments=1520 Solved=False AvgBacktrackTime=0

198PM2.txt Time=Infinitys Backtracks=1324 Assignments=1344 Solved=False AvgBacktrackTime=0

198PM3.txt Time=Infinitys Backtracks=1143 Assignments=1177 Solved=False AvgBacktrackTime=0

198PM4.txt Time=Infinitys Backtracks=1217 Assignments=1249 Solved=False AvgBacktrackTime=0

198PM5.txt Time=Infinitys Backtracks=1404 Assignments=1411 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1320.2 Avg Assignments: 1340.2

198PH1.txt Time=Infinitys Backtracks=1668 Assignments=1811 Solved=False AvgBacktrackTime=0

198PH2.txt Time=295.82549500465393s Backtracks=2300 Assignments=2307 Solved=True  
AvgBacktrackTime=0.1286

198PH3.txt Time=Infinitys Backtracks=1433 Assignments=1451 Solved=False AvgBacktrackTime=0

198PH4.txt Time=Infinitys Backtracks=1441 Assignments=1458 Solved=False AvgBacktrackTime=0

198PH5.txt Time=Infinitys Backtracks=14410 Assignments=14580 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4250.4 Avg Assignments: 4321.4

199 [(['NKT', 'ForwardChecking', 'ArcConsistency'), 'None', 'None']

199PE1.txt Time=0.04489412307739258s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01496

199PE2.txt Time=0.08577067852020263s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02859

199PE3.txt Time=0.2540577411651611s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.02310

199PE4.txt Time=0.04676275253295899s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

199PE5.txt Time=0.04411890506744385s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01103

Solution:5/5

:Avg runtime: 0.09514 Avg Backtracks: 4.2 Avg Assignments: 6.0

199PM1.txt Time=16.951517283916473s Backtracks=489 Assignments=500 Solved=True  
AvgBacktrackTime=0.03467

199PM2.txt Time=Infinitys Backtracks=1017 Assignments=1037 Solved=False AvgBacktrackTime=0

199PM3.txt Time=2.0632567405700684s Backtracks=29 Assignments=48 Solved=True  
AvgBacktrackTime=0.07115

199PM4.txt Time=2.3559776544570923s Backtracks=7 Assignments=43 Solved=True  
AvgBacktrackTime=0.3366

199PM5.txt Time=2.627560019493103s Backtracks=78 Assignments=85 Solved=True  
AvgBacktrackTime=0.03369

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 324.0 Avg Assignments: 342.6

199PH1.txt Time=29.660932540893555s Backtracks=57 Assignments=206 Solved=True  
AvgBacktrackTime=0.5204

199PH2.txt Time=2.4889044761657715s Backtracks=12 Assignments=20 Solved=True  
AvgBacktrackTime=0.2074

199PH3.txt Time=Infinitys Backtracks=1445 Assignments=1468 Solved=False AvgBacktrackTime=0

199PH4.txt Time=Infinitys Backtracks=1302 Assignments=1322 Solved=False AvgBacktrackTime=0

199PH5.txt Time=Infinitys Backtracks=13020 Assignments=13220 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3167.2 Avg Assignments: 3247.2

200 [('NKT', 'ForwardChecking', 'ArcConsistency'), 'None', 'LCV']

200PE1.txt Time=0.04498696327209473s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

200PE2.txt Time=0.09662470817565919s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04831

200PE3.txt Time=0.24896302223205566s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.02766

200PE4.txt Time=0.04831793308258057s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

200PE5.txt Time=0.04433097839355469s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09664 Avg Backtracks: 2.2 Avg Assignments: 4.0

200PM1.txt Time=6.572692036628723s Backtracks=165 Assignments=176 Solved=True  
AvgBacktrackTime=0.03983

200PM2.txt Time=2.2916905283927917s Backtracks=1 Assignments=35 Solved=True  
AvgBacktrackTime=2.292

200PM3.txt Time=2.4700493216514587s Backtracks=20 Assignments=47 Solved=True  
AvgBacktrackTime=0.1235

200PM4.txt Time=Infinitys Backtracks=1166 Assignments=1196 Solved=False AvgBacktrackTime=0

200PM5.txt Time=3.657386302947998s Backtracks=94 Assignments=101 Solved=True  
AvgBacktrackTime=0.03891

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 289.2 Avg Assignments: 311.0

200PH1.txt Time=23.712026357650757s Backtracks=22 Assignments=176 Solved=True  
AvgBacktrackTime=1.078

200PH2.txt Time=5.964581489562988s Backtracks=31 Assignments=39 Solved=True  
AvgBacktrackTime=0.1924

200PH3.txt Time=Infinitys Backtracks=1398 Assignments=1420 Solved=False AvgBacktrackTime=0

200PH4.txt Time=Infinitys Backtracks=1322 Assignments=1340 Solved=False AvgBacktrackTime=0

200PH5.txt Time=Infinitys Backtracks=13220 Assignments=13400 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3198.6 Avg Assignments: 3275.0

201 [(['NKT', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'None']

201PE1.txt Time=0.045061135292053224s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01502

201PE2.txt Time=0.08547871112823487s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02849

201PE3.txt Time=0.2721707344055176s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.03888

201PE4.txt Time=0.0647508144378662s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

201PE5.txt Time=0.04438498020172119s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01110

Solution:5/5

:Avg runtime: 0.1024 Avg Backtracks: 3.4 Avg Assignments: 5.2

201PM1.txt Time=2.3596559166908264s Backtracks=35 Assignments=48 Solved=True  
AvgBacktrackTime=0.06742

201PM2.txt Time=2.01437246799469s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2878

201PM3.txt Time=11.385796904563904s Backtracks=140 Assignments=169 Solved=True  
AvgBacktrackTime=0.08133

201PM4.txt Time=3.098063349723816s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=3.098

201PM5.txt Time=5.717190504074097s Backtracks=102 Assignments=110 Solved=True  
AvgBacktrackTime=0.05605

Solution:5/5

:Avg runtime: 4.916 Avg Backtracks: 57.0 Avg Assignments: 81.8

201PH1.txt Time=23.919256925582886s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=11.96

201PH2.txt Time=3.2460243701934814s Backtracks=8 Assignments=18 Solved=True  
AvgBacktrackTime=0.4058

201PH3.txt Time=Infinitys Backtracks=1239 Assignments=1261 Solved=False AvgBacktrackTime=0

201PH4.txt Time=Infinitys Backtracks=1225 Assignments=1235 Solved=False AvgBacktrackTime=0

201PH5.txt Time=Infinitys Backtracks=12250 Assignments=12350 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2944.8 Avg Assignments: 3005.8

202 [('NKT', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'LCV']

202PE1.txt Time=0.04503767490386963s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

202PE2.txt Time=0.09673752784729003s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04837

202PE3.txt Time=0.267819881439209s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.05356

202PE4.txt Time=0.046937870979309085s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

202PE5.txt Time=0.04452829360961914s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1002 Avg Backtracks: 1.4 Avg Assignments: 3.2

202PM1.txt Time=1.6728257536888123s Backtracks=16 Assignments=29 Solved=True  
AvgBacktrackTime=0.1046

202PM2.txt Time=2.6312689185142517s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.6578

202PM3.txt Time=2.4461286664009094s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.3058

202PM4.txt Time=3.567999243736267s Backtracks=16 Assignments=60 Solved=True  
AvgBacktrackTime=0.2230

202PM5.txt Time=6.747684478759766s Backtracks=117 Assignments=125 Solved=True  
AvgBacktrackTime=0.05767

Solution:5/5

:Avg runtime: 3.414 Avg Backtracks: 32.2 Avg Assignments: 59.8

202PH1.txt Time=25.942861318588257s Backtracks=3 Assignments=175 Solved=True  
AvgBacktrackTime=8.648

202PH2.txt Time=2.817357301712036s Backtracks=3 Assignments=13 Solved=True  
AvgBacktrackTime=0.9391

202PH3.txt Time=Infinitys Backtracks=1232 Assignments=1254 Solved=False AvgBacktrackTime=0

202PH4.txt Time=Infinitys Backtracks=1254 Assignments=1273 Solved=False AvgBacktrackTime=0

202PH5.txt Time=Infinitys Backtracks=12540 Assignments=12730 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3006.4 Avg Assignments: 3089.0

203 [('NKT', 'ForwardChecking', 'ArcConsistency'), 'DH', 'None']

203PE1.txt Time=0.05557126998901367s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05557

203PE2.txt Time=0.15304131507873536s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02551

203PE3.txt Time=0.3759209394454956s Backtracks=14 Assignments=19 Solved=True  
AvgBacktrackTime=0.02685

203PE4.txt Time=0.07821121215820312s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01117

203PE5.txt Time=0.07428295612335205s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01061

Solution:5/5

:Avg runtime: 0.1474 Avg Backtracks: 7.0 Avg Assignments: 9.2

203PM1.txt Time=Infinitys Backtracks=1870 Assignments=1875 Solved=False AvgBacktrackTime=0

203PM2.txt Time=Infinitys Backtracks=2367 Assignments=2385 Solved=False AvgBacktrackTime=0

203PM3.txt Time=Infinitys Backtracks=1738 Assignments=1759 Solved=False AvgBacktrackTime=0

203PM4.txt Time=Infinitys Backtracks=2104 Assignments=2125 Solved=False AvgBacktrackTime=0

203PM5.txt Time=Infinitys Backtracks=1332 Assignments=1338 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1882.2 Avg Assignments: 1896.4

203PH1.txt Time=Infinitys Backtracks=3219 Assignments=3341 Solved=False AvgBacktrackTime=0

203PH2.txt Time=198.01237177848816s Backtracks=1543 Assignments=1550 Solved=True  
AvgBacktrackTime=0.1283

203PH3.txt Time=Infinitys Backtracks=1305 Assignments=1324 Solved=False AvgBacktrackTime=0

203PH4.txt Time=Infinitys Backtracks=1379 Assignments=1396 Solved=False AvgBacktrackTime=0

203PH5.txt Time=Infinitys Backtracks=13790 Assignments=13960 Solved=False AvgBacktrackTime=0



Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4247.2 Avg Assignments: 4314.2

204 [(['NKT', 'ForwardChecking', 'ArcConsistency'), 'DH', 'LCV']

204PE1.txt Time=0.05664329528808594s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05664

204PE2.txt Time=0.14658012390136718s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.07329

204PE3.txt Time=0.2077256202697754s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.05193

204PE4.txt Time=0.07677185535430908s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03839

204PE5.txt Time=0.07292535305023193s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03646

Solution:5/5

:Avg runtime: 0.1121 Avg Backtracks: 2.2 Avg Assignments: 4.4

204PM1.txt Time=Infinitys Backtracks=1784 Assignments=1790 Solved=False AvgBacktrackTime=0

204PM2.txt Time=Infinitys Backtracks=1915 Assignments=1937 Solved=False AvgBacktrackTime=0

204PM3.txt Time=Infinitys Backtracks=1350 Assignments=1375 Solved=False AvgBacktrackTime=0

204PM4.txt Time=Infinitys Backtracks=1751 Assignments=1779 Solved=False AvgBacktrackTime=0

204PM5.txt Time=Infinitys Backtracks=1277 Assignments=1285 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1615.4 Avg Assignments: 1633.2

204PH1.txt Time=Infinitys Backtracks=2395 Assignments=2535 Solved=False AvgBacktrackTime=0  
204PH2.txt Time=279.8657581806183s Backtracks=1973 Assignments=1980 Solved=True  
AvgBacktrackTime=0.1418  
204PH3.txt Time=Infinitys Backtracks=1243 Assignments=1259 Solved=False AvgBacktrackTime=0  
204PH4.txt Time=Infinitys Backtracks=1371 Assignments=1389 Solved=False AvgBacktrackTime=0  
204PH5.txt Time=Infinitys Backtracks=13710 Assignments=13890 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 4138.4 Avg Assignments: 4210.6

205 [(['NKT', 'ArcConsistency', 'ForwardChecking'], 'None', 'None']

205PE1.txt Time=0.061725497245788574s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02058  
205PE2.txt Time=0.0940871000289917s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03136  
205PE3.txt Time=0.27567033767700194s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.02506  
205PE4.txt Time=0.06453518867492676s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0  
205PE5.txt Time=0.05248401165008545s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01312

Solution:5/5

:Avg runtime: 0.1097 Avg Backtracks: 4.2 Avg Assignments: 6.0

205PM1.txt Time=17.01928836107254s Backtracks=489 Assignments=500 Solved=True  
AvgBacktrackTime=0.03480  
205PM2.txt Time=Infinitys Backtracks=1055 Assignments=1077 Solved=False AvgBacktrackTime=0  
205PM3.txt Time=2.0810402631759644s Backtracks=29 Assignments=48 Solved=True  
AvgBacktrackTime=0.07176

205PM4.txt Time=2.3065577149391174s Backtracks=7 Assignments=43 Solved=True  
AvgBacktrackTime=0.3295

205PM5.txt Time=2.680089235305786s Backtracks=78 Assignments=85 Solved=True  
AvgBacktrackTime=0.03436

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 331.6 Avg Assignments: 350.6

205PH1.txt Time=29.31572437286377s Backtracks=57 Assignments=206 Solved=True  
AvgBacktrackTime=0.5143

205PH2.txt Time=2.440049409866333s Backtracks=12 Assignments=20 Solved=True  
AvgBacktrackTime=0.2033

205PH3.txt Time=Infinitys Backtracks=1291 Assignments=1307 Solved=False AvgBacktrackTime=0

205PH4.txt Time=Infinitys Backtracks=1230 Assignments=1254 Solved=False AvgBacktrackTime=0

205PH5.txt Time=Infinitys Backtracks=12300 Assignments=12540 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2978.0 Avg Assignments: 3065.4

206 [(['NKT', 'ArcConsistency', 'ForwardChecking'], 'None', 'LCV']

206PE1.txt Time=0.06193532943725586s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

206PE2.txt Time=0.12940988540649415s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06470

206PE3.txt Time=0.2673851251602173s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.02971

206PE4.txt Time=0.06496629714965821s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

206PE5.txt Time=0.05262753963470459s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1153 Avg Backtracks: 2.2 Avg Assignments: 4.0

206PM1.txt Time=6.23153829574585s Backtracks=165 Assignments=176 Solved=True  
AvgBacktrackTime=0.03777

206PM2.txt Time=2.269815683364868s Backtracks=1 Assignments=35 Solved=True  
AvgBacktrackTime=2.270

206PM3.txt Time=2.3384363055229187s Backtracks=20 Assignments=47 Solved=True  
AvgBacktrackTime=0.1169

206PM4.txt Time=Infinitys Backtracks=1327 Assignments=1356 Solved=False AvgBacktrackTime=0

206PM5.txt Time=3.7108675241470337s Backtracks=94 Assignments=101 Solved=True  
AvgBacktrackTime=0.03948

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 321.4 Avg Assignments: 343.0

206PH1.txt Time=23.271153688430786s Backtracks=22 Assignments=176 Solved=True  
AvgBacktrackTime=1.058

206PH2.txt Time=5.946025848388672s Backtracks=31 Assignments=39 Solved=True  
AvgBacktrackTime=0.1918

206PH3.txt Time=Infinitys Backtracks=1275 Assignments=1287 Solved=False AvgBacktrackTime=0

206PH4.txt Time=Infinitys Backtracks=1249 Assignments=1265 Solved=False AvgBacktrackTime=0

206PH5.txt Time=Infinitys Backtracks=12490 Assignments=12650 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 3013.4 Avg Assignments: 3083.4

207 [('NKT', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'None']

207PE1.txt Time=0.07244632244110108s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02415

207PE2.txt Time=0.09460101127624512s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03153

207PE3.txt Time=0.25897064208984377s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.03700

207PE4.txt Time=0.06452624797821045s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

207PE5.txt Time=0.052376174926757814s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01309

Solution:5/5

:Avg runtime: 0.1086 Avg Backtracks: 3.4 Avg Assignments: 5.2

207PM1.txt Time=2.181460976600647s Backtracks=35 Assignments=48 Solved=True  
AvgBacktrackTime=0.06233

207PM2.txt Time=1.9580425024032593s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2797

207PM3.txt Time=9.843740403652191s Backtracks=140 Assignments=169 Solved=True  
AvgBacktrackTime=0.07031

207PM4.txt Time=3.028358519077301s Backtracks=1 Assignments=45 Solved=True  
AvgBacktrackTime=3.028

207PM5.txt Time=5.365541219711304s Backtracks=102 Assignments=110 Solved=True  
AvgBacktrackTime=0.05260

Solution:5/5

:Avg runtime: 4.476 Avg Backtracks: 57.0 Avg Assignments: 81.8

207PH1.txt Time=23.261906385421753s Backtracks=2 Assignments=165 Solved=True  
AvgBacktrackTime=11.63

207PH2.txt Time=3.3669919967651367s Backtracks=8 Assignments=18 Solved=True  
AvgBacktrackTime=0.4209

207PH3.txt Time=Infinitys Backtracks=1153 Assignments=1167 Solved=False AvgBacktrackTime=0

207PH4.txt Time=Infinitys Backtracks=1164 Assignments=1176 Solved=False AvgBacktrackTime=0

207PH5.txt Time=Infinitys Backtracks=11640 Assignments=11760 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2793.4 Avg Assignments: 2857.2

208 [('NKT', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'LCV']

208PE1.txt Time=0.06199169158935547s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

208PE2.txt Time=0.1071523904800415s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05358

208PE3.txt Time=0.25394952297210693s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.05079

208PE4.txt Time=0.06502368450164794s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

208PE5.txt Time=0.05255513191223145s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1081 Avg Backtracks: 1.4 Avg Assignments: 3.2

208PM1.txt Time=1.5262550711631775s Backtracks=16 Assignments=29 Solved=True  
AvgBacktrackTime=0.09539

208PM2.txt Time=2.6271573305130005s Backtracks=4 Assignments=44 Solved=True  
AvgBacktrackTime=0.6568

208PM3.txt Time=2.503719210624695s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.3130

208PM4.txt Time=3.3646914958953857s Backtracks=16 Assignments=60 Solved=True  
AvgBacktrackTime=0.2103

208PM5.txt Time=6.315522909164429s Backtracks=117 Assignments=125 Solved=True  
AvgBacktrackTime=0.05398

Solution:5/5

:Avg runtime: 3.268 Avg Backtracks: 32.2 Avg Assignments: 59.8

208PH1.txt Time=25.50743532180786s Backtracks=3 Assignments=175 Solved=True  
AvgBacktrackTime=8.502

208PH2.txt Time=2.90919828414917s Backtracks=3 Assignments=13 Solved=True  
AvgBacktrackTime=0.9697

208PH3.txt Time=Infinitys Backtracks=1146 Assignments=1168 Solved=False AvgBacktrackTime=0

208PH4.txt Time=Infinitys Backtracks=1178 Assignments=1202 Solved=False AvgBacktrackTime=0

208PH5.txt Time=Infinitys Backtracks=11780 Assignments=12020 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2822.0 Avg Assignments: 2915.6

209 [(['NKT', 'ArcConsistency', 'ForwardChecking'], 'DH', 'None']

209PE1.txt Time=0.0709519624710083s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07095

209PE2.txt Time=0.16496245861053466s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02749

209PE3.txt Time=0.3666397571563721s Backtracks=14 Assignments=19 Solved=True  
AvgBacktrackTime=0.02619

209PE4.txt Time=0.10191242694854737s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01456

209PE5.txt Time=0.08063852787017822s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01152

Solution:5/5

:Avg runtime: 0.1570 Avg Backtracks: 7.0 Avg Assignments: 9.2

209PM1.txt Time=Infinitys Backtracks=1956 Assignments=1961 Solved=False AvgBacktrackTime=0

209PM2.txt Time=Infinitys Backtracks=2339 Assignments=2356 Solved=False AvgBacktrackTime=0

209PM3.txt Time=Infinitys Backtracks=1850 Assignments=1873 Solved=False AvgBacktrackTime=0

209PM4.txt Time=Infinitys Backtracks=2126 Assignments=2149 Solved=False AvgBacktrackTime=0

209PM5.txt Time=Infinitys Backtracks=1531 Assignments=1536 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1960.4 Avg Assignments: 1975.0

209PH1.txt Time=Infinitys Backtracks=3168 Assignments=3290 Solved=False AvgBacktrackTime=0

209PH2.txt Time=186.5784273147583s Backtracks=1543 Assignments=1550 Solved=True  
AvgBacktrackTime=0.1209

209PH3.txt Time=Infinitys Backtracks=1212 Assignments=1230 Solved=False AvgBacktrackTime=0

209PH4.txt Time=Infinitys Backtracks=1273 Assignments=1286 Solved=False AvgBacktrackTime=0

209PH5.txt Time=Infinitys Backtracks=12730 Assignments=12860 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3985.2 Avg Assignments: 4043.2

210 [('NKT', 'ArcConsistency', 'ForwardChecking'), 'DH', 'LCV']

210PE1.txt Time=0.07115316390991211s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07115

210PE2.txt Time=0.1525482177734375s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.07627

210PE3.txt Time=0.22469837665557862s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.05617



210PE4.txt Time=0.10035505294799804s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.05018

210PE5.txt Time=0.08021752834320069s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04011

Solution:5/5

:Avg runtime: 0.1258 Avg Backtracks: 2.2 Avg Assignments: 4.4

210PM1.txt Time=Infinitys Backtracks=1900 Assignments=1907 Solved=False AvgBacktrackTime=0

210PM2.txt Time=Infinitys Backtracks=1842 Assignments=1863 Solved=False AvgBacktrackTime=0

210PM3.txt Time=Infinitys Backtracks=1398 Assignments=1424 Solved=False AvgBacktrackTime=0

210PM4.txt Time=Infinitys Backtracks=1800 Assignments=1828 Solved=False AvgBacktrackTime=0

210PM5.txt Time=Infinitys Backtracks=1483 Assignments=1488 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1684.6 Avg Assignments: 1702.0

210PH1.txt Time=Infinitys Backtracks=2345 Assignments=2486 Solved=False AvgBacktrackTime=0

210PH2.txt Time=244.40619230270386s Backtracks=1973 Assignments=1980 Solved=True  
AvgBacktrackTime=0.1239

210PH3.txt Time=Infinitys Backtracks=1182 Assignments=1203 Solved=False AvgBacktrackTime=0

210PH4.txt Time=Infinitys Backtracks=1261 Assignments=1280 Solved=False AvgBacktrackTime=0

210PH5.txt Time=Infinitys Backtracks=12610 Assignments=12800 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3874.2 Avg Assignments: 3949.8

211 [('ForwardChecking', 'ArcConsistency', 'NKD'), 'None', 'None']

211PE1.txt Time=0.0421889066696167s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01406

211PE2.txt Time=0.0866933822631836s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02890

211PE3.txt Time=0.4878385066986084s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.03753

211PE4.txt Time=0.06093099117279053s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

211PE5.txt Time=0.03331472873687744s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008329

Solution:5/5

:Avg runtime: 0.1422 Avg Backtracks: 4.6 Avg Assignments: 7.0

211PM1.txt Time=0.8120473027229309s Backtracks=18 Assignments=25 Solved=True  
AvgBacktrackTime=0.04511

211PM2.txt Time=Infinitys Backtracks=756 Assignments=785 Solved=False AvgBacktrackTime=0

211PM3.txt Time=4.568397700786591s Backtracks=91 Assignments=111 Solved=True  
AvgBacktrackTime=0.05020

211PM4.txt Time=Infinitys Backtracks=836 Assignments=867 Solved=False AvgBacktrackTime=0

211PM5.txt Time=17.812506318092346s Backtracks=300 Assignments=312 Solved=True  
AvgBacktrackTime=0.05938

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 400.2 Avg Assignments: 420.0

211PH1.txt Time=Infinitys Backtracks=3130 Assignments=3171 Solved=False AvgBacktrackTime=0

211PH2.txt Time=11.40314245223999s Backtracks=98 Assignments=105 Solved=True  
AvgBacktrackTime=0.1164

211PH3.txt Time=Infinitys Backtracks=1045 Assignments=1057 Solved=False AvgBacktrackTime=0

211PH4.txt Time=Infinitys Backtracks=1184 Assignments=1196 Solved=False AvgBacktrackTime=0

211PH5.txt Time=Infinitys Backtracks=11840 Assignments=11960 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3459.4 Avg Assignments: 3497.8

212 [('ForwardChecking', 'ArcConsistency', 'NKD'), 'None', 'LCV']

212PE1.txt Time=0.04240729808807373s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

212PE2.txt Time=0.1449521780014038s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03624

212PE3.txt Time=0.4178072690963745s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.04178

212PE4.txt Time=0.061087393760681154s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

212PE5.txt Time=0.03321120738983154s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1399 Avg Backtracks: 2.8 Avg Assignments: 5.2

212PM1.txt Time=1.0136662721633911s Backtracks=9 Assignments=16 Solved=True  
AvgBacktrackTime=0.1126

212PM2.txt Time=2.188142478466034s Backtracks=5 Assignments=36 Solved=True  
AvgBacktrackTime=0.4376

212PM3.txt Time=15.107383966445923s Backtracks=348 Assignments=379 Solved=True  
AvgBacktrackTime=0.04341

212PM4.txt Time=Infinitys Backtracks=839 Assignments=868 Solved=False AvgBacktrackTime=0

212PM5.txt Time=25.893720746040344s Backtracks=425 Assignments=437 Solved=True  
AvgBacktrackTime=0.06093

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 325.2 Avg Assignments: 347.2

212PH1.txt Time=68.71245551109314s Backtracks=542 Assignments=696 Solved=True  
AvgBacktrackTime=0.1268

212PH2.txt Time=19.947248697280884s Backtracks=152 Assignments=159 Solved=True  
AvgBacktrackTime=0.1312

212PH3.txt Time=Infinitys Backtracks=1035 Assignments=1044 Solved=False AvgBacktrackTime=0

212PH4.txt Time=Infinitys Backtracks=1171 Assignments=1181 Solved=False AvgBacktrackTime=0

212PH5.txt Time=Infinitys Backtracks=11710 Assignments=11810 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2922.0 Avg Assignments: 2978.0

213 [('ForwardChecking', 'ArcConsistency', 'NKD'), 'MRV', 'None']

213PE1.txt Time=0.04230220317840576s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01410

213PE2.txt Time=0.09690217971801758s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03230

213PE3.txt Time=0.389874267578125s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.04332

213PE4.txt Time=0.061002564430236814s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

213PE5.txt Time=0.03341679573059082s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008354

Solution:5/5

:Avg runtime: 0.1247 Avg Backtracks: 3.8 Avg Assignments: 6.2

213PM1.txt Time=0.6780735850334167s Backtracks=4 Assignments=13 Solved=True  
AvgBacktrackTime=0.1695

213PM2.txt Time=3.1833133697509766s Backtracks=22 Assignments=61 Solved=True  
AvgBacktrackTime=0.1447

213PM3.txt Time=5.598788499832153s Backtracks=56 Assignments=84 Solved=True  
AvgBacktrackTime=0.09998

213PM4.txt Time=2.974926233291626s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.975

213PM5.txt Time=17.163775622844696s Backtracks=283 Assignments=296 Solved=True  
AvgBacktrackTime=0.06065

Solution:5/5

:Avg runtime: 5.918 Avg Backtracks: 73.2 Avg Assignments: 99.2

213PH1.txt Time=20.17603898048401s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=20.18

213PH2.txt Time=2.986142158508301s Backtracks=11 Assignments=21 Solved=True  
AvgBacktrackTime=0.2715

213PH3.txt Time=Infinitys Backtracks=998 Assignments=1015 Solved=False AvgBacktrackTime=0

213PH4.txt Time=Infinitys Backtracks=1102 Assignments=1120 Solved=False AvgBacktrackTime=0

213PH5.txt Time=Infinitys Backtracks=11020 Assignments=11200 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2626.4 Avg Assignments: 2703.8

214 [('ForwardChecking', 'ArcConsistency', 'NKD'), 'MRV', 'LCV']

214PE1.txt Time=0.06546146869659424s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

214PE2.txt Time=0.13972604274749756s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03493

214PE3.txt Time=0.3258944034576416s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.05432

214PE4.txt Time=0.06140780448913574s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

214PE5.txt Time=0.03448452949523926s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1254 Avg Backtracks: 2.0 Avg Assignments: 4.4

214PM1.txt Time=0.9818127751350403s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.1227

214PM2.txt Time=3.0749430060386658s Backtracks=18 Assignments=56 Solved=True  
AvgBacktrackTime=0.1708

214PM3.txt Time=2.721347987651825s Backtracks=15 Assignments=49 Solved=True  
AvgBacktrackTime=0.1814

214PM4.txt Time=4.830995976924896s Backtracks=18 Assignments=68 Solved=True  
AvgBacktrackTime=0.2684

214PM5.txt Time=24.849976539611816s Backtracks=403 Assignments=416 Solved=True  
AvgBacktrackTime=0.06166

Solution:5/5

:Avg runtime: 7.292 Avg Backtracks: 92.4 Avg Assignments: 121.2

214PH1.txt Time=22.014971256256104s Backtracks=1 Assignments=171 Solved=True  
AvgBacktrackTime=22.01

214PH2.txt Time=8.299139261245728s Backtracks=39 Assignments=49 Solved=True  
AvgBacktrackTime=0.2128

214PH3.txt Time=Infinitys Backtracks=1011 Assignments=1026 Solved=False AvgBacktrackTime=0

214PH4.txt Time=Infinitys Backtracks=1104 Assignments=1111 Solved=False AvgBacktrackTime=0

214PH5.txt Time=Infinitys Backtracks=11040 Assignments=11110 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2639.0 Avg Assignments: 2693.4

215 [('ForwardChecking', 'ArcConsistency', 'NKD'), 'DH', 'None']

215PE1.txt Time=0.06142716407775879s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06143

215PE2.txt Time=0.3288730621337891s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.03654

215PE3.txt Time=0.4246896028518677s Backtracks=16 Assignments=20 Solved=True  
AvgBacktrackTime=0.02654

215PE4.txt Time=0.09885821342468262s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01412

215PE5.txt Time=0.07060525417327881s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01009

Solution:5/5

:Avg runtime: 0.1969 Avg Backtracks: 8.0 Avg Assignments: 10.6

215PM1.txt Time=Infinitys Backtracks=1300 Assignments=1305 Solved=False AvgBacktrackTime=0

215PM2.txt Time=Infinitys Backtracks=1387 Assignments=1408 Solved=False AvgBacktrackTime=0

215PM3.txt Time=Infinitys Backtracks=1300 Assignments=1322 Solved=False AvgBacktrackTime=0

215PM4.txt Time=Infinitys Backtracks=1656 Assignments=1676 Solved=False AvgBacktrackTime=0

215PM5.txt Time=Infinitys Backtracks=1260 Assignments=1265 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1380.6 Avg Assignments: 1395.2

215PH1.txt Time=Infinitys Backtracks=2217 Assignments=2353 Solved=False AvgBacktrackTime=0

215PH2.txt Time=Infinitys Backtracks=1919 Assignments=1938 Solved=False AvgBacktrackTime=0

215PH3.txt Time=Infinitys Backtracks=1051 Assignments=1061 Solved=False AvgBacktrackTime=0

215PH4.txt Time=Infinitys Backtracks=1083 Assignments=1100 Solved=False AvgBacktrackTime=0  
215PH5.txt Time=Infinitys Backtracks=10830 Assignments=11000 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3420.0 Avg Assignments: 3490.4

216 [('ForwardChecking', 'ArcConsistency', 'NKD'), 'DH', 'LCV']

216PE1.txt Time=0.056609487533569335s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05661

216PE2.txt Time=0.28247268199920655s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.05649

216PE3.txt Time=0.3592667818069458s Backtracks=10 Assignments=14 Solved=True  
AvgBacktrackTime=0.03593

216PE4.txt Time=0.09938173294067383s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04969

216PE5.txt Time=0.0683788537979126s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03419

Solution:5/5

:Avg runtime: 0.1732 Avg Backtracks: 4.0 Avg Assignments: 6.6

216PM1.txt Time=Infinitys Backtracks=1240 Assignments=1254 Solved=False AvgBacktrackTime=0

216PM2.txt Time=Infinitys Backtracks=1506 Assignments=1528 Solved=False AvgBacktrackTime=0

216PM3.txt Time=Infinitys Backtracks=1084 Assignments=1115 Solved=False AvgBacktrackTime=0

216PM4.txt Time=Infinitys Backtracks=1045 Assignments=1082 Solved=False AvgBacktrackTime=0

216PM5.txt Time=Infinitys Backtracks=1246 Assignments=1253 Solved=False AvgBacktrackTime=0

Solution:0/5



:Avg runtime: Infinity Avg Backtracks: 1224.2 Avg Assignments: 1246.4

216PH1.txt Time=Infinitys Backtracks=1115 Assignments=1274 Solved=False AvgBacktrackTime=0

216PH2.txt Time=Infinitys Backtracks=1982 Assignments=1997 Solved=False AvgBacktrackTime=0

216PH3.txt Time=Infinitys Backtracks=1020 Assignments=1044 Solved=False AvgBacktrackTime=0

216PH4.txt Time=Infinitys Backtracks=1247 Assignments=1263 Solved=False AvgBacktrackTime=0

216PH5.txt Time=Infinitys Backtracks=12470 Assignments=12630 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3566.8 Avg Assignments: 3641.6

217 [('ForwardChecking', 'NKD', 'ArcConsistency'), 'None', 'None']

217PE1.txt Time=0.035577917098999025s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01186

217PE2.txt Time=0.07610886096954346s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02537

217PE3.txt Time=0.33142411708831787s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.03013

217PE4.txt Time=0.04108939170837402s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

217PE5.txt Time=0.03258645534515381s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008147

Solution:5/5

:Avg runtime: 0.1034 Avg Backtracks: 4.2 Avg Assignments: 6.2

217PM1.txt Time=0.4979322552680969s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.08299

217PM2.txt Time=Infinitys Backtracks=777 Assignments=797 Solved=False AvgBacktrackTime=0

217PM3.txt Time=3.595128059387207s Backtracks=58 Assignments=78 Solved=True  
AvgBacktrackTime=0.06198

217PM4.txt Time=Infinitys Backtracks=869 Assignments=901 Solved=False AvgBacktrackTime=0

217PM5.txt Time=12.867337703704834s Backtracks=219 Assignments=231 Solved=True  
AvgBacktrackTime=0.05875

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 385.8 Avg Assignments: 403.6

217PH1.txt Time=Infinitys Backtracks=2276 Assignments=2316 Solved=False AvgBacktrackTime=0

217PH2.txt Time=10.11011791229248s Backtracks=72 Assignments=78 Solved=True  
AvgBacktrackTime=0.1404

217PH3.txt Time=Infinitys Backtracks=973 Assignments=985 Solved=False AvgBacktrackTime=0

217PH4.txt Time=Infinitys Backtracks=1082 Assignments=1089 Solved=False AvgBacktrackTime=0

217PH5.txt Time=Infinitys Backtracks=10820 Assignments=10890 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3044.6 Avg Assignments: 3071.6

218 [('ForwardChecking', 'NKD', 'ArcConsistency'), 'None', 'LCV']

218PE1.txt Time=0.035798144340515134s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

218PE2.txt Time=0.07644011974334716s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07644

218PE3.txt Time=0.29511702060699463s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.03279

218PE4.txt Time=0.04136447906494141s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

218PE5.txt Time=0.03299195766448974s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09634 Avg Backtracks: 2.0 Avg Assignments: 4.0

218PM1.txt Time=0.8032828569412231s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.1148

218PM2.txt Time=1.4699110984802246s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

218PM3.txt Time=12.516457796096802s Backtracks=218 Assignments=249 Solved=True  
AvgBacktrackTime=0.05741

218PM4.txt Time=Infinitys Backtracks=804 Assignments=833 Solved=False AvgBacktrackTime=0

218PM5.txt Time=18.30063110589981s Backtracks=306 Assignments=318 Solved=True  
AvgBacktrackTime=0.05981

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 267.0 Avg Assignments: 287.8

218PH1.txt Time=46.75983142852783s Backtracks=216 Assignments=370 Solved=True  
AvgBacktrackTime=0.2165

218PH2.txt Time=14.006426095962524s Backtracks=108 Assignments=114 Solved=True  
AvgBacktrackTime=0.1297

218PH3.txt Time=Infinitys Backtracks=964 Assignments=970 Solved=False AvgBacktrackTime=0

218PH4.txt Time=Infinitys Backtracks=1082 Assignments=1088 Solved=False AvgBacktrackTime=0

218PH5.txt Time=Infinitys Backtracks=10820 Assignments=10880 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2638.0 Avg Assignments: 2684.4

219 [('ForwardChecking', 'NKD', 'ArcConsistency'), 'MRV', 'None']

219PE1.txt Time=0.035451436042785646s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01182

219PE2.txt Time=0.07665925025939942s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02555

219PE3.txt Time=0.2757178783416748s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.03939

219PE4.txt Time=0.04107844829559326s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

219PE5.txt Time=0.03234496116638184s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008086

Solution:5/5

:Avg runtime: 0.09224 Avg Backtracks: 3.4 Avg Assignments: 5.4

219PM1.txt Time=0.5608950257301331s Backtracks=3 Assignments=10 Solved=True  
AvgBacktrackTime=0.1870

219PM2.txt Time=2.6943870186805725s Backtracks=18 Assignments=55 Solved=True  
AvgBacktrackTime=0.1497

219PM3.txt Time=3.980319619178772s Backtracks=36 Assignments=61 Solved=True  
AvgBacktrackTime=0.1106

219PM4.txt Time=2.5448631644248962s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.545

219PM5.txt Time=14.220547556877136s Backtracks=246 Assignments=257 Solved=True  
AvgBacktrackTime=0.05781

Solution:5/5

:Avg runtime: 4.80 Avg Backtracks: 60.8 Avg Assignments: 85.0

219PH1.txt Time=19.81794810295105s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=19.82

219PH2.txt Time=2.216611623764038s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.2771

219PH3.txt Time=Infinitys Backtracks=943 Assignments=957 Solved=False AvgBacktrackTime=0

219PH4.txt Time=Infinitys Backtracks=1043 Assignments=1062 Solved=False AvgBacktrackTime=0

219PH5.txt Time=Infinitys Backtracks=10430 Assignments=10620 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2485.0 Avg Assignments: 2563.8

220 [('ForwardChecking', 'NKD', 'ArcConsistency'), 'MRV', 'LCV']

220PE1.txt Time=0.03571033477783203s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

220PE2.txt Time=0.07636175155639649s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07636

220PE3.txt Time=0.23723843097686767s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.04745

220PE4.txt Time=0.041421031951904295s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

220PE5.txt Time=0.03260958194732666s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08466 Avg Backtracks: 1.2 Avg Assignments: 3.2

220PM1.txt Time=0.7765500545501709s Backtracks=6 Assignments=13 Solved=True  
AvgBacktrackTime=0.1294

220PM2.txt Time=2.9737393856048584s Backtracks=19 Assignments=57 Solved=True  
AvgBacktrackTime=0.1565

220PM3.txt Time=2.6556508541107178s Backtracks=15 Assignments=50 Solved=True  
AvgBacktrackTime=0.1770

220PM4.txt Time=4.059821605682373s Backtracks=16 Assignments=66 Solved=True  
AvgBacktrackTime=0.2537

220PM5.txt Time=20.38915979862213s Backtracks=344 Assignments=355 Solved=True  
AvgBacktrackTime=0.05927

Solution:5/5

:Avg runtime: 6.172 Avg Backtracks: 80.0 Avg Assignments: 108.2

220PH1.txt Time=21.209613800048828s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

220PH2.txt Time=5.21968674659729s Backtracks=24 Assignments=33 Solved=True  
AvgBacktrackTime=0.2175

220PH3.txt Time=Infinitys Backtracks=950 Assignments=964 Solved=False AvgBacktrackTime=0

220PH4.txt Time=Infinitys Backtracks=1035 Assignments=1052 Solved=False AvgBacktrackTime=0

220PH5.txt Time=Infinitys Backtracks=10350 Assignments=10520 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2471.8 Avg Assignments: 2547.6

221 [('ForwardChecking', 'NKD', 'ArcConsistency'), 'DH', 'None']

221PE1.txt Time=0.05203254222869873s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05203

221PE2.txt Time=0.2849079132080078s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.03166

221PE3.txt Time=0.335878586769104s Backtracks=10 Assignments=14 Solved=True  
AvgBacktrackTime=0.03359

221PE4.txt Time=0.0801584243774414s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01145

221PE5.txt Time=0.06137087345123291s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.008767

Solution:5/5

:Avg runtime: 0.1629 Avg Backtracks: 6.8 Avg Assignments: 9.4

221PM1.txt Time=Infinitys Backtracks=1264 Assignments=1272 Solved=False AvgBacktrackTime=0

221PM2.txt Time=Infinitys Backtracks=1276 Assignments=1294 Solved=False AvgBacktrackTime=0

221PM3.txt Time=Infinitys Backtracks=1276 Assignments=1293 Solved=False AvgBacktrackTime=0

221PM4.txt Time=Infinitys Backtracks=1774 Assignments=1794 Solved=False AvgBacktrackTime=0

221PM5.txt Time=56.45177239179611s Backtracks=1143 Assignments=1148 Solved=True  
AvgBacktrackTime=0.04939

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1346.6 Avg Assignments: 1360.2

221PH1.txt Time=Infinitys Backtracks=1741 Assignments=1878 Solved=False AvgBacktrackTime=0

221PH2.txt Time=Infinitys Backtracks=2066 Assignments=2077 Solved=False AvgBacktrackTime=0

221PH3.txt Time=Infinitys Backtracks=989 Assignments=1006 Solved=False AvgBacktrackTime=0

221PH4.txt Time=Infinitys Backtracks=1049 Assignments=1065 Solved=False AvgBacktrackTime=0

221PH5.txt Time=Infinitys Backtracks=10490 Assignments=10650 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3267.0 Avg Assignments: 3335.2

222 [('ForwardChecking', 'NKD', 'ArcConsistency'), 'DH', 'LCV']

222PE1.txt Time=0.05211095809936524s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05211

222PE2.txt Time=0.26596181392669677s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.05319

222PE3.txt Time=0.19859089851379394s Backtracks=3 Assignments=7 Solved=True  
AvgBacktrackTime=0.06620

222PE4.txt Time=0.07824208736419677s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03912

222PE5.txt Time=0.06195528507232666s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03098

Solution:5/5

:Avg runtime: 0.1314 Avg Backtracks: 2.6 Avg Assignments: 5.2

222PM1.txt Time=Infinitys Backtracks=1244 Assignments=1252 Solved=False AvgBacktrackTime=0

222PM2.txt Time=Infinitys Backtracks=1247 Assignments=1270 Solved=False AvgBacktrackTime=0

222PM3.txt Time=Infinitys Backtracks=1115 Assignments=1146 Solved=False AvgBacktrackTime=0

222PM4.txt Time=Infinitys Backtracks=1077 Assignments=1112 Solved=False AvgBacktrackTime=0

222PM5.txt Time=59.60041004419327s Backtracks=1199 Assignments=1204 Solved=True  
AvgBacktrackTime=0.04971

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1176.4 Avg Assignments: 1196.8

222PH1.txt Time=Infinitys Backtracks=1309 Assignments=1466 Solved=False AvgBacktrackTime=0

222PH2.txt Time=Infinitys Backtracks=1933 Assignments=1946 Solved=False AvgBacktrackTime=0

222PH3.txt Time=Infinitys Backtracks=981 Assignments=1003 Solved=False AvgBacktrackTime=0

222PH4.txt Time=Infinitys Backtracks=1027 Assignments=1043 Solved=False AvgBacktrackTime=0

222PH5.txt Time=Infinitys Backtracks=10270 Assignments=10430 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3104.0 Avg Assignments: 3177.6

223 [['ArcConsistency', 'ForwardChecking', 'NKD'], 'None', 'None']



223PE1.txt Time=0.11635789871215821s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03879

223PE2.txt Time=0.18403322696685792s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06134

223PE3.txt Time=0.5755822896957398s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.04428

223PE4.txt Time=0.14338428974151612s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

223PE5.txt Time=0.10802953243255616s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02701

Solution:5/5

:Avg runtime: 0.2254 Avg Backtracks: 4.6 Avg Assignments: 7.0

223PM1.txt Time=1.1063405275344849s Backtracks=18 Assignments=25 Solved=True  
AvgBacktrackTime=0.06146

223PM2.txt Time=Infinitys Backtracks=912 Assignments=936 Solved=False AvgBacktrackTime=0

223PM3.txt Time=4.637301921844482s Backtracks=91 Assignments=111 Solved=True  
AvgBacktrackTime=0.05096

223PM4.txt Time=Infinitys Backtracks=969 Assignments=999 Solved=False AvgBacktrackTime=0

223PM5.txt Time=15.446640968322754s Backtracks=300 Assignments=312 Solved=True  
AvgBacktrackTime=0.05149

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 458.0 Avg Assignments: 476.6

223PH1.txt Time=Infinitys Backtracks=2630 Assignments=2670 Solved=False AvgBacktrackTime=0

223PH2.txt Time=12.784931182861328s Backtracks=98 Assignments=105 Solved=True  
AvgBacktrackTime=0.1305

223PH3.txt Time=Infinitys Backtracks=983 Assignments=993 Solved=False AvgBacktrackTime=0

223PH4.txt Time=Infinitys Backtracks=1080 Assignments=1092 Solved=False AvgBacktrackTime=0

223PH5.txt Time=Infinitys Backtracks=10800 Assignments=10920 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 3118.2 Avg Assignments: 3156.0

224 [('ArcConsistency', 'ForwardChecking', 'NKD'), 'None', 'LCV']

224PE1.txt Time=0.1138277530670166s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

224PE2.txt Time=0.231375789642334s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.05784

224PE3.txt Time=0.6095540761947632s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.06096

224PE4.txt Time=0.1432873010635376s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

224PE5.txt Time=0.10952606201171874s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2416 Avg Backtracks: 2.8 Avg Assignments: 5.2

224PM1.txt Time=1.0790163278579712s Backtracks=9 Assignments=16 Solved=True  
AvgBacktrackTime=0.1199

224PM2.txt Time=2.3995463848114014s Backtracks=5 Assignments=36 Solved=True  
AvgBacktrackTime=0.4799

224PM3.txt Time=15.092376232147217s Backtracks=348 Assignments=379 Solved=True  
AvgBacktrackTime=0.04337

224PM4.txt Time=Infinitys Backtracks=964 Assignments=994 Solved=False AvgBacktrackTime=0

224PM5.txt Time=22.176295578479767s Backtracks=425 Assignments=437 Solved=True  
AvgBacktrackTime=0.05218

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 350.2 Avg Assignments: 372.4

224PH1.txt Time=79.33186721801758s Backtracks=542 Assignments=696 Solved=True  
AvgBacktrackTime=0.1464

224PH2.txt Time=17.193705558776855s Backtracks=152 Assignments=159 Solved=True  
AvgBacktrackTime=0.1131

224PH3.txt Time=Infinitys Backtracks=983 Assignments=991 Solved=False AvgBacktrackTime=0

224PH4.txt Time=Infinitys Backtracks=1071 Assignments=1084 Solved=False AvgBacktrackTime=0

224PH5.txt Time=Infinitys Backtracks=10710 Assignments=10840 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2691.6 Avg Assignments: 2754.0

225 [('ArcConsistency', 'ForwardChecking', 'NKD'), 'MRV', 'None']

225PE1.txt Time=0.11417346000671387s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03806

225PE2.txt Time=0.21216845512390137s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.07072

225PE3.txt Time=0.5190767765045166s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.05768

225PE4.txt Time=0.14315037727355956s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

225PE5.txt Time=0.10842468738555908s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02711

Solution:5/5

:Avg runtime: 0.2194 Avg Backtracks: 3.8 Avg Assignments: 6.2

225PM1.txt Time=0.882488489151001s Backtracks=4 Assignments=13 Solved=True  
AvgBacktrackTime=0.2206

225PM2.txt Time=3.3961827754974365s Backtracks=22 Assignments=61 Solved=True  
AvgBacktrackTime=0.1544

225PM3.txt Time=5.000507891178131s Backtracks=56 Assignments=84 Solved=True  
AvgBacktrackTime=0.08929

225PM4.txt Time=2.716217279434204s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.716

225PM5.txt Time=15.9249986410141s Backtracks=283 Assignments=296 Solved=True  
AvgBacktrackTime=0.05627

Solution:5/5

:Avg runtime: 5.584 Avg Backtracks: 73.2 Avg Assignments: 99.2

225PH1.txt Time=21.602409839630127s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=21.60

225PH2.txt Time=4.322875738143921s Backtracks=11 Assignments=21 Solved=True  
AvgBacktrackTime=0.3930

225PH3.txt Time=Infinitys Backtracks=954 Assignments=969 Solved=False AvgBacktrackTime=0

225PH4.txt Time=Infinitys Backtracks=1022 Assignments=1031 Solved=False AvgBacktrackTime=0

225PH5.txt Time=Infinitys Backtracks=10220 Assignments=10310 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2441.6 Avg Assignments: 2498.8

226 [('ArcConsistency', 'ForwardChecking', 'NKD'), 'MRV', 'LCV']

226PE1.txt Time=0.11508402824401856s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

226PE2.txt Time=0.2597787857055664s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.06494

226PE3.txt Time=0.4658960342407227s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.07765

226PE4.txt Time=0.14370734691619874s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

226PE5.txt Time=0.10669589042663574s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2182 Avg Backtracks: 2.0 Avg Assignments: 4.4

226PM1.txt Time=1.107025384902954s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.1384

226PM2.txt Time=3.2327216267585754s Backtracks=18 Assignments=56 Solved=True  
AvgBacktrackTime=0.1796

226PM3.txt Time=2.820603847503662s Backtracks=15 Assignments=49 Solved=True  
AvgBacktrackTime=0.1880

226PM4.txt Time=4.388087213039398s Backtracks=18 Assignments=68 Solved=True  
AvgBacktrackTime=0.2438

226PM5.txt Time=22.781740725040436s Backtracks=403 Assignments=416 Solved=True  
AvgBacktrackTime=0.05653

Solution:5/5

:Avg runtime: 6.866 Avg Backtracks: 92.4 Avg Assignments: 121.2

226PH1.txt Time=22.989773273468018s Backtracks=1 Assignments=171 Solved=True  
AvgBacktrackTime=22.99

226PH2.txt Time=8.482369422912598s Backtracks=39 Assignments=49 Solved=True  
AvgBacktrackTime=0.2175

226PH3.txt Time=Infinitys Backtracks=953 Assignments=962 Solved=False AvgBacktrackTime=0

226PH4.txt Time=Infinitys Backtracks=1018 Assignments=1023 Solved=False AvgBacktrackTime=0

226PH5.txt Time=Infinitys Backtracks=10180 Assignments=10230 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2438.2 Avg Assignments: 2487.0

227 [('ArcConsistency', 'ForwardChecking', 'NKD'), 'DH', 'None']

227PE1.txt Time=0.15090203285217285s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1509

227PE2.txt Time=0.3632434129714966s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.04036

227PE3.txt Time=0.5313356876373291s Backtracks=16 Assignments=20 Solved=True  
AvgBacktrackTime=0.03321

227PE4.txt Time=0.25990250110626223s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03713

227PE5.txt Time=0.23835127353668212s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03405

Solution:5/5

:Avg runtime: 0.3086 Avg Backtracks: 8.0 Avg Assignments: 10.6

227PM1.txt Time=Infinitys Backtracks=1569 Assignments=1576 Solved=False AvgBacktrackTime=0

227PM2.txt Time=Infinitys Backtracks=1573 Assignments=1595 Solved=False AvgBacktrackTime=0

227PM3.txt Time=Infinitys Backtracks=1737 Assignments=1757 Solved=False AvgBacktrackTime=0

227PM4.txt Time=Infinitys Backtracks=1746 Assignments=1767 Solved=False AvgBacktrackTime=0

227PM5.txt Time=Infinitys Backtracks=1595 Assignments=1601 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1644.0 Avg Assignments: 1659.2

227PH1.txt Time=Infinitys Backtracks=2196 Assignments=2330 Solved=False AvgBacktrackTime=0

227PH2.txt Time=Infinitys Backtracks=2672 Assignments=2685 Solved=False AvgBacktrackTime=0

227PH3.txt Time=Infinitys Backtracks=1007 Assignments=1020 Solved=False AvgBacktrackTime=0

227PH4.txt Time=Infinitys Backtracks=1071 Assignments=1086 Solved=False AvgBacktrackTime=0  
227PH5.txt Time=Infinitys Backtracks=10710 Assignments=10860 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3531.2 Avg Assignments: 3596.2

228 [('ArcConsistency', 'ForwardChecking', 'NKD'), 'DH', 'LCV']

228PE1.txt Time=0.15057024955749512s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1506

228PE2.txt Time=0.3184514999389648s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.06369

228PE3.txt Time=0.4553198337554932s Backtracks=10 Assignments=14 Solved=True  
AvgBacktrackTime=0.04553

228PE4.txt Time=0.25903656482696535s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1295

228PE5.txt Time=0.20758588314056398s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1038

Solution:5/5

:Avg runtime: 0.2782 Avg Backtracks: 4.0 Avg Assignments: 6.6

228PM1.txt Time=Infinitys Backtracks=1505 Assignments=1513 Solved=False AvgBacktrackTime=0

228PM2.txt Time=Infinitys Backtracks=1636 Assignments=1660 Solved=False AvgBacktrackTime=0

228PM3.txt Time=Infinitys Backtracks=1246 Assignments=1275 Solved=False AvgBacktrackTime=0

228PM4.txt Time=Infinitys Backtracks=1146 Assignments=1184 Solved=False AvgBacktrackTime=0

228PM5.txt Time=Infinitys Backtracks=1562 Assignments=1565 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1419.0 Avg Assignments: 1439.4

228PH1.txt Time=Infinitys Backtracks=1113 Assignments=1267 Solved=False AvgBacktrackTime=0

228PH2.txt Time=Infinitys Backtracks=2576 Assignments=2588 Solved=False AvgBacktrackTime=0

228PH3.txt Time=Infinitys Backtracks=973 Assignments=995 Solved=False AvgBacktrackTime=0

228PH4.txt Time=Infinitys Backtracks=1086 Assignments=1101 Solved=False AvgBacktrackTime=0

228PH5.txt Time=Infinitys Backtracks=10860 Assignments=11010 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3321.6 Avg Assignments: 3392.2

229 [('ArcConsistency', 'NKD', 'ForwardChecking'), 'None', 'None']

229PE1.txt Time=0.11406381130218506s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03802

229PE2.txt Time=0.18255438804626464s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06085

229PE3.txt Time=0.5545598268508911s Backtracks=13 Assignments=19 Solved=True  
AvgBacktrackTime=0.04266

229PE4.txt Time=0.14056181907653809s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

229PE5.txt Time=0.12170925140380859s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.03043

Solution:5/5

:Avg runtime: 0.2228 Avg Backtracks: 4.6 Avg Assignments: 7.0

229PM1.txt Time=0.9101720452308655s Backtracks=11 Assignments=18 Solved=True  
AvgBacktrackTime=0.08274

229PM2.txt Time=Infinitys Backtracks=923 Assignments=947 Solved=False AvgBacktrackTime=0



229PM3.txt Time=3.667774736881256s Backtracks=63 Assignments=83 Solved=True  
AvgBacktrackTime=0.05822

229PM4.txt Time=Infinitys Backtracks=1086 Assignments=1117 Solved=False AvgBacktrackTime=0

229PM5.txt Time=14.537595331668854s Backtracks=281 Assignments=293 Solved=True  
AvgBacktrackTime=0.05174

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 472.8 Avg Assignments: 491.6

229PH1.txt Time=Infinitys Backtracks=2389 Assignments=2428 Solved=False AvgBacktrackTime=0

229PH2.txt Time=10.80107069015503s Backtracks=75 Assignments=82 Solved=True  
AvgBacktrackTime=0.1440

229PH3.txt Time=Infinitys Backtracks=926 Assignments=938 Solved=False AvgBacktrackTime=0

229PH4.txt Time=Infinitys Backtracks=1022 Assignments=1032 Solved=False AvgBacktrackTime=0

229PH5.txt Time=Infinitys Backtracks=10220 Assignments=10320 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2926.4 Avg Assignments: 2960.0

230 [('ArcConsistency', 'NKD', 'ForwardChecking'), 'None', 'LCV']

230PE1.txt Time=0.11397671699523926s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

230PE2.txt Time=0.23300724029541015s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.05825

230PE3.txt Time=0.4966102600097656s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.04966

230PE4.txt Time=0.14062438011169434s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

230PE5.txt Time=0.12813825607299806s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2224 Avg Backtracks: 2.8 Avg Assignments: 5.2

230PM1.txt Time=1.011367917060852s Backtracks=6 Assignments=13 Solved=True  
AvgBacktrackTime=0.1686

230PM2.txt Time=1.8517593741416931s Backtracks=0 Assignments=28 Solved=True  
AvgBacktrackTime=0

230PM3.txt Time=11.573366463184357s Backtracks=234 Assignments=265 Solved=True  
AvgBacktrackTime=0.04946

230PM4.txt Time=Infinitys Backtracks=976 Assignments=1007 Solved=False AvgBacktrackTime=0

230PM5.txt Time=20.674716770648956s Backtracks=401 Assignments=413 Solved=True  
AvgBacktrackTime=0.05156

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 323.4 Avg Assignments: 345.2

230PH1.txt Time=46.87961030006409s Backtracks=216 Assignments=370 Solved=True  
AvgBacktrackTime=0.2170

230PH2.txt Time=15.699601173400879s Backtracks=132 Assignments=139 Solved=True  
AvgBacktrackTime=0.1189

230PH3.txt Time=Infinitys Backtracks=922 Assignments=933 Solved=False AvgBacktrackTime=0

230PH4.txt Time=Infinitys Backtracks=1017 Assignments=1026 Solved=False AvgBacktrackTime=0

230PH5.txt Time=Infinitys Backtracks=10170 Assignments=10260 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2491.4 Avg Assignments: 2545.6

231 [['ArcConsistency', 'NKD', 'ForwardChecking'], 'MRV', 'None']

231PE1.txt Time=0.11520390510559082s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03840

231PE2.txt Time=0.18225653171539308s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06075

231PE3.txt Time=0.506748366355896s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.05631

231PE4.txt Time=0.14089736938476563s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1409

231PE5.txt Time=0.12705082893371583s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.03176

Solution:5/5

:Avg runtime: 0.2144 Avg Backtracks: 4.0 Avg Assignments: 6.4

231PM1.txt Time=0.9245315194129944s Backtracks=5 Assignments=14 Solved=True  
AvgBacktrackTime=0.1849

231PM2.txt Time=3.1735971570014954s Backtracks=22 Assignments=61 Solved=True  
AvgBacktrackTime=0.1443

231PM3.txt Time=4.193715453147888s Backtracks=45 Assignments=71 Solved=True  
AvgBacktrackTime=0.09319

231PM4.txt Time=2.7192386388778687s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.719

231PM5.txt Time=14.468546330928802s Backtracks=271 Assignments=283 Solved=True  
AvgBacktrackTime=0.05339

Solution:5/5

:Avg runtime: 5.096 Avg Backtracks: 68.8 Avg Assignments: 94.2

231PH1.txt Time=21.563074588775635s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=21.56

231PH2.txt Time=3.857219934463501s Backtracks=9 Assignments=19 Solved=True  
AvgBacktrackTime=0.4286

231PH3.txt Time=Infinitys Backtracks=908 Assignments=922 Solved=False AvgBacktrackTime=0

231PH4.txt Time=Infinitys Backtracks=984 Assignments=999 Solved=False AvgBacktrackTime=0

231PH5.txt Time=Infinitys Backtracks=9840 Assignments=9990 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2348.4 Avg Assignments: 2418.6

232 [('ArcConsistency', 'NKD', 'ForwardChecking'), 'MRV', 'LCV']

232PE1.txt Time=0.11500842571258545s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

232PE2.txt Time=0.2315080165863037s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.05788

232PE3.txt Time=0.4513918399810791s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.07523

232PE4.txt Time=0.14134790897369384s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

232PE5.txt Time=0.10938639640808105s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2098 Avg Backtracks: 2.0 Avg Assignments: 4.4

232PM1.txt Time=1.0887298583984375s Backtracks=7 Assignments=16 Solved=True  
AvgBacktrackTime=0.1555

232PM2.txt Time=3.102394700050354s Backtracks=18 Assignments=56 Solved=True  
AvgBacktrackTime=0.1724

232PM3.txt Time=2.662448763847351s Backtracks=15 Assignments=49 Solved=True  
AvgBacktrackTime=0.1775

232PM4.txt Time=4.148055255413055s Backtracks=16 Assignments=66 Solved=True  
AvgBacktrackTime=0.2593

232PM5.txt Time=20.738881409168243s Backtracks=382 Assignments=394 Solved=True  
AvgBacktrackTime=0.05429

Solution:5/5

:Avg runtime: 6.348 Avg Backtracks: 87.6 Avg Assignments: 116.2

232PH1.txt Time=22.883102655410767s Backtracks=1 Assignments=171 Solved=True  
AvgBacktrackTime=22.88

232PH2.txt Time=6.807058572769165s Backtracks=32 Assignments=42 Solved=True  
AvgBacktrackTime=0.2127

232PH3.txt Time=Infinitys Backtracks=912 Assignments=929 Solved=False AvgBacktrackTime=0

232PH4.txt Time=Infinitys Backtracks=984 Assignments=1004 Solved=False AvgBacktrackTime=0

232PH5.txt Time=Infinitys Backtracks=9840 Assignments=10040 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2353.8 Avg Assignments: 2437.2

233 [['ArcConsistency', 'NKD', 'ForwardChecking'], 'DH', 'None']

233PE1.txt Time=0.15069503784179689s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1507

233PE2.txt Time=0.32357680797576904s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.03595

233PE3.txt Time=0.410141134262085s Backtracks=9 Assignments=13 Solved=True  
AvgBacktrackTime=0.04557

233PE4.txt Time=0.2766536235809326s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03952

233PE5.txt Time=0.20490477085113526s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02927

Solution:5/5

:Avg runtime: 0.2732 Avg Backtracks: 6.6 Avg Assignments: 9.2

233PM1.txt Time=Infinitys Backtracks=1570 Assignments=1577 Solved=False AvgBacktrackTime=0

233PM2.txt Time=Infinitys Backtracks=1596 Assignments=1613 Solved=False AvgBacktrackTime=0

233PM3.txt Time=Infinitys Backtracks=1647 Assignments=1666 Solved=False AvgBacktrackTime=0

233PM4.txt Time=Infinitys Backtracks=1829 Assignments=1850 Solved=False AvgBacktrackTime=0

233PM5.txt Time=58.68635964393616s Backtracks=1531 Assignments=1536 Solved=True  
AvgBacktrackTime=0.03833

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1634.6 Avg Assignments: 1648.4

233PH1.txt Time=Infinitys Backtracks=2137 Assignments=2275 Solved=False AvgBacktrackTime=0

233PH2.txt Time=Infinitys Backtracks=2735 Assignments=2754 Solved=False AvgBacktrackTime=0

233PH3.txt Time=Infinitys Backtracks=931 Assignments=943 Solved=False AvgBacktrackTime=0

233PH4.txt Time=Infinitys Backtracks=980 Assignments=996 Solved=False AvgBacktrackTime=0

233PH5.txt Time=Infinitys Backtracks=9800 Assignments=9960 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3316.6 Avg Assignments: 3385.6

234 [('ArcConsistency', 'NKD', 'ForwardChecking'), 'DH', 'LCV']

234PE1.txt Time=0.1517854690551758s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1518

234PE2.txt Time=0.30151047706604006s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.06030

234PE3.txt Time=0.3841046094894409s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.06402

234PE4.txt Time=0.27767832279205323s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1388

234PE5.txt Time=0.18773794174194336s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09387

Solution:5/5

:Avg runtime: 0.2606 Avg Backtracks: 3.2 Avg Assignments: 5.8

234PM1.txt Time=Infinitys Backtracks=1574 Assignments=1582 Solved=False AvgBacktrackTime=0

234PM2.txt Time=Infinitys Backtracks=1510 Assignments=1534 Solved=False AvgBacktrackTime=0

234PM3.txt Time=Infinitys Backtracks=1415 Assignments=1443 Solved=False AvgBacktrackTime=0

234PM4.txt Time=Infinitys Backtracks=1329 Assignments=1365 Solved=False AvgBacktrackTime=0

234PM5.txt Time=Infinitys Backtracks=1564 Assignments=1572 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 1478.4 Avg Assignments: 1499.2

234PH1.txt Time=Infinitys Backtracks=1535 Assignments=1694 Solved=False AvgBacktrackTime=0

234PH2.txt Time=Infinitys Backtracks=2552 Assignments=2560 Solved=False AvgBacktrackTime=0

234PH3.txt Time=Infinitys Backtracks=921 Assignments=941 Solved=False AvgBacktrackTime=0

234PH4.txt Time=Infinitys Backtracks=964 Assignments=987 Solved=False AvgBacktrackTime=0

234PH5.txt Time=Infinitys Backtracks=9640 Assignments=9870 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3122.4 Avg Assignments: 3210.4

235 [['NKD', 'ForwardChecking', 'ArcConsistency'], 'None', 'None']

235PE1.txt Time=0.04301695823669434s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01434

235PE2.txt Time=0.07843320369720459s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02614

235PE3.txt Time=0.3327662467956543s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.03025

235PE4.txt Time=0.07782855033874511s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

235PE5.txt Time=0.04700455665588379s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01175

Solution:5/5

:Avg runtime: 0.1158 Avg Backtracks: 4.2 Avg Assignments: 6.6

235PM1.txt Time=0.43405890464782715s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.07234

235PM2.txt Time=Infinitys Backtracks=962 Assignments=987 Solved=False AvgBacktrackTime=0

235PM3.txt Time=2.4834961891174316s Backtracks=58 Assignments=78 Solved=True  
AvgBacktrackTime=0.04282

235PM4.txt Time=54.36603170633316s Backtracks=1310 Assignments=1344 Solved=True  
AvgBacktrackTime=0.04150

235PM5.txt Time=11.211283564567566s Backtracks=225 Assignments=237 Solved=True  
AvgBacktrackTime=0.04983

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 512.2 Avg Assignments: 531.4

235PH1.txt Time=Infinitys Backtracks=2773 Assignments=2812 Solved=False AvgBacktrackTime=0

235PH2.txt Time=7.100372076034546s Backtracks=72 Assignments=78 Solved=True  
AvgBacktrackTime=0.09862

235PH3.txt Time=Infinitys Backtracks=850 Assignments=857 Solved=False AvgBacktrackTime=0

235PH4.txt Time=Infinitys Backtracks=969 Assignments=981 Solved=False AvgBacktrackTime=0



235PH5.txt Time=Infinitys Backtracks=9690 Assignments=9810 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2870.8 Avg Assignments: 2907.6

236 [(['NKD', 'ForwardChecking', 'ArcConsistency'), 'None', 'LCV']

236PE1.txt Time=0.044003963470458984s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

236PE2.txt Time=0.0782850742340088s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07829

236PE3.txt Time=0.32573623657226564s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.03257

236PE4.txt Time=0.08513567447662354s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.08514

236PE5.txt Time=0.04700920581817627s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1160 Avg Backtracks: 2.4 Avg Assignments: 4.8

236PM1.txt Time=0.7171511650085449s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.1025

236PM2.txt Time=1.5075386762619019s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

236PM3.txt Time=9.105929911136627s Backtracks=226 Assignments=257 Solved=True  
AvgBacktrackTime=0.04029

236PM4.txt Time=Infinitys Backtracks=1356 Assignments=1385 Solved=False AvgBacktrackTime=0

236PM5.txt Time=16.187152862548828s Backtracks=321 Assignments=333 Solved=True  
AvgBacktrackTime=0.05043

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 382.0 Avg Assignments: 402.8

236PH1.txt Time=42.12146353721619s Backtracks=216 Assignments=370 Solved=True  
AvgBacktrackTime=0.1950

236PH2.txt Time=10.859076738357544s Backtracks=112 Assignments=118 Solved=True  
AvgBacktrackTime=0.09696

236PH3.txt Time=Infinitys Backtracks=883 Assignments=892 Solved=False AvgBacktrackTime=0

236PH4.txt Time=Infinitys Backtracks=962 Assignments=973 Solved=False AvgBacktrackTime=0

236PH5.txt Time=Infinitys Backtracks=9620 Assignments=9730 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2358.6 Avg Assignments: 2416.6

237 [('NKD', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'None']

237PE1.txt Time=0.04416525363922119s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01472

237PE2.txt Time=0.0782008409500122s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02607

237PE3.txt Time=0.3486107587814331s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.04980

237PE4.txt Time=0.06987495422363281s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

237PE5.txt Time=0.047044682502746585s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01176

Solution:5/5

:Avg runtime: 0.1176 Avg Backtracks: 3.4 Avg Assignments: 5.8

237PM1.txt Time=0.5718753337860107s Backtracks=3 Assignments=10 Solved=True  
AvgBacktrackTime=0.1906

237PM2.txt Time=2.5140833258628845s Backtracks=18 Assignments=55 Solved=True  
AvgBacktrackTime=0.1397

237PM3.txt Time=3.618466854095459s Backtracks=36 Assignments=61 Solved=True  
AvgBacktrackTime=0.1005

237PM4.txt Time=2.317036807537079s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.317

237PM5.txt Time=10.647906124591827s Backtracks=224 Assignments=235 Solved=True  
AvgBacktrackTime=0.04754

Solution:5/5

:Avg runtime: 3.934 Avg Backtracks: 56.4 Avg Assignments: 80.6

237PH1.txt Time=19.98901891708374s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=19.99

237PH2.txt Time=1.8481569290161133s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.2310

237PH3.txt Time=Infinitys Backtracks=821 Assignments=831 Solved=False AvgBacktrackTime=0

237PH4.txt Time=Infinitys Backtracks=923 Assignments=930 Solved=False AvgBacktrackTime=0

237PH5.txt Time=Infinitys Backtracks=9230 Assignments=9300 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2196.6 Avg Assignments: 2248.2

238 [(['NKD', 'ForwardChecking', 'ArcConsistency'], 'MRV', 'LCV']

238PE1.txt Time=0.044035911560058594s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

238PE2.txt Time=0.07855949401855469s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07856

238PE3.txt Time=0.31602771282196046s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.05267

238PE4.txt Time=0.06826355457305908s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06826

238PE5.txt Time=0.04809291362762451s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1110 Avg Backtracks: 1.6 Avg Assignments: 4.0

238PM1.txt Time=0.7803409695625305s Backtracks=8 Assignments=15 Solved=True  
AvgBacktrackTime=0.09754

238PM2.txt Time=2.7193280458450317s Backtracks=19 Assignments=57 Solved=True  
AvgBacktrackTime=0.1431

238PM3.txt Time=2.4448490738868713s Backtracks=15 Assignments=50 Solved=True  
AvgBacktrackTime=0.1630

238PM4.txt Time=3.96555233001709s Backtracks=20 Assignments=70 Solved=True  
AvgBacktrackTime=0.1983

238PM5.txt Time=16.096370458602905s Backtracks=318 Assignments=329 Solved=True  
AvgBacktrackTime=0.05062

Solution:5/5

:Avg runtime: 5.202 Avg Backtracks: 76.0 Avg Assignments: 104.2

238PH1.txt Time=21.300674200057983s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

238PH2.txt Time=4.667264938354492s Backtracks=28 Assignments=37 Solved=True  
AvgBacktrackTime=0.1667

238PH3.txt Time=Infinitys Backtracks=826 Assignments=840 Solved=False AvgBacktrackTime=0

238PH4.txt Time=Infinitys Backtracks=933 Assignments=953 Solved=False AvgBacktrackTime=0

238PH5.txt Time=Infinitys Backtracks=9330 Assignments=9530 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2223.4 Avg Assignments: 2305.8

239 [(['NKD', 'ForwardChecking', 'ArcConsistency'), 'DH', 'None']

239PE1.txt Time=0.052515602111816405s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05252

239PE2.txt Time=0.22533028125762938s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.02504

239PE3.txt Time=0.27068166732788085s Backtracks=13 Assignments=17 Solved=True  
AvgBacktrackTime=0.02082

239PE4.txt Time=0.09892506599426269s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.009893

239PE5.txt Time=0.07227609157562256s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01033

Solution:5/5

:Avg runtime: 0.1440 Avg Backtracks: 8.0 Avg Assignments: 10.6

239PM1.txt Time=Infinitys Backtracks=1863 Assignments=1879 Solved=False AvgBacktrackTime=0

239PM2.txt Time=Infinitys Backtracks=2005 Assignments=2023 Solved=False AvgBacktrackTime=0

239PM3.txt Time=Infinitys Backtracks=2039 Assignments=2061 Solved=False AvgBacktrackTime=0

239PM4.txt Time=Infinitys Backtracks=2776 Assignments=2796 Solved=False AvgBacktrackTime=0

239PM5.txt Time=43.85108721256256s Backtracks=1216 Assignments=1221 Solved=True  
AvgBacktrackTime=0.03606

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1979.8 Avg Assignments: 1996.0

239PH1.txt Time=Infinitys Backtracks=3193 Assignments=3328 Solved=False AvgBacktrackTime=0

239PH2.txt Time=Infinitys Backtracks=2740 Assignments=2758 Solved=False AvgBacktrackTime=0  
239PH3.txt Time=Infinitys Backtracks=894 Assignments=909 Solved=False AvgBacktrackTime=0  
239PH4.txt Time=Infinitys Backtracks=943 Assignments=961 Solved=False AvgBacktrackTime=0  
239PH5.txt Time=Infinitys Backtracks=9430 Assignments=9610 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3440.0 Avg Assignments: 3513.2

240 [('NKD', 'ForwardChecking', 'ArcConsistency'), 'DH', 'LCV']

240PE1.txt Time=0.05315475463867188s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05315

240PE2.txt Time=0.2232210874557495s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.04464

240PE3.txt Time=0.21706795692443848s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.05427

240PE4.txt Time=0.09706065654754639s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.01941

240PE5.txt Time=0.07179837226867676s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03590

Solution:5/5

:Avg runtime: 0.1325 Avg Backtracks: 3.4 Avg Assignments: 6.0

240PM1.txt Time=Infinitys Backtracks=1748 Assignments=1757 Solved=False AvgBacktrackTime=0

240PM2.txt Time=Infinitys Backtracks=2198 Assignments=2220 Solved=False AvgBacktrackTime=0

240PM3.txt Time=Infinitys Backtracks=1782 Assignments=1808 Solved=False AvgBacktrackTime=0

240PM4.txt Time=Infinitys Backtracks=2080 Assignments=2116 Solved=False AvgBacktrackTime=0

240PM5.txt Time=46.736541628837585s Backtracks=1279 Assignments=1284 Solved=True  
AvgBacktrackTime=0.03654

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1817.4 Avg Assignments: 1837.0

240PH1.txt Time=Infinitys Backtracks=2116 Assignments=2271 Solved=False AvgBacktrackTime=0

240PH2.txt Time=Infinitys Backtracks=2309 Assignments=2325 Solved=False AvgBacktrackTime=0

240PH3.txt Time=Infinitys Backtracks=873 Assignments=894 Solved=False AvgBacktrackTime=0

240PH4.txt Time=Infinitys Backtracks=959 Assignments=983 Solved=False AvgBacktrackTime=0

240PH5.txt Time=Infinitys Backtracks=9590 Assignments=9830 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3169.4 Avg Assignments: 3260.6

241 [['NKD', 'ArcConsistency', 'ForwardChecking'), 'None', 'None']

241PE1.txt Time=0.05956940650939942s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01986

241PE2.txt Time=0.08965392112731933s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02988

241PE3.txt Time=0.3251250505447388s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.02956

241PE4.txt Time=0.08151388168334961s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

241PE5.txt Time=0.05090909004211426s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01273

Solution:5/5

:Avg runtime: 0.1213 Avg Backtracks: 4.2 Avg Assignments: 6.6

241PM1.txt Time=0.4697147607803345s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.07829

241PM2.txt Time=Infinitys Backtracks=1093 Assignments=1115 Solved=False AvgBacktrackTime=0

241PM3.txt Time=2.5475630164146423s Backtracks=58 Assignments=78 Solved=True  
AvgBacktrackTime=0.04392

241PM4.txt Time=48.86341941356659s Backtracks=1310 Assignments=1344 Solved=True  
AvgBacktrackTime=0.03730

241PM5.txt Time=9.698604226112366s Backtracks=225 Assignments=237 Solved=True  
AvgBacktrackTime=0.04310

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 538.4 Avg Assignments: 557.0

241PH1.txt Time=Infinitys Backtracks=2814 Assignments=2855 Solved=False AvgBacktrackTime=0

241PH2.txt Time=7.727869510650635s Backtracks=72 Assignments=78 Solved=True  
AvgBacktrackTime=0.1073

241PH3.txt Time=Infinitys Backtracks=837 Assignments=845 Solved=False AvgBacktrackTime=0

241PH4.txt Time=Infinitys Backtracks=915 Assignments=927 Solved=False AvgBacktrackTime=0

241PH5.txt Time=Infinitys Backtracks=9150 Assignments=9270 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2757.6 Avg Assignments: 2795.0

242 [['NKD', 'ArcConsistency', 'ForwardChecking'], 'None', 'LCV']

242PE1.txt Time=0.058894014358520506s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

242PE2.txt Time=0.08979008197784424s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.08979

242PE3.txt Time=0.31279079914093016s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.03128



242PE4.txt Time=0.08524572849273682s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.08525

242PE5.txt Time=0.05001180171966553s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1193 Avg Backtracks: 2.4 Avg Assignments: 4.8

242PM1.txt Time=0.6794506907463074s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.09706

242PM2.txt Time=1.5062561631202698s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

242PM3.txt Time=9.227970898151398s Backtracks=226 Assignments=257 Solved=True  
AvgBacktrackTime=0.04083

242PM4.txt Time=Infinitys Backtracks=1496 Assignments=1527 Solved=False AvgBacktrackTime=0

242PM5.txt Time=14.171713292598724s Backtracks=321 Assignments=333 Solved=True  
AvgBacktrackTime=0.04415

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 410.0 Avg Assignments: 431.2

242PH1.txt Time=41.71696877479553s Backtracks=216 Assignments=370 Solved=True  
AvgBacktrackTime=0.1931

242PH2.txt Time=11.194156885147095s Backtracks=112 Assignments=118 Solved=True  
AvgBacktrackTime=0.09995

242PH3.txt Time=Infinitys Backtracks=842 Assignments=853 Solved=False AvgBacktrackTime=0

242PH4.txt Time=Infinitys Backtracks=908 Assignments=919 Solved=False AvgBacktrackTime=0

242PH5.txt Time=Infinitys Backtracks=9080 Assignments=9190 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2231.6 Avg Assignments: 2290.0

243 [('NKD', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'None']

243PE1.txt Time=0.058504486083984376s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01950

243PE2.txt Time=0.09076271057128907s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03025

243PE3.txt Time=0.3102216958999634s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.04432

243PE4.txt Time=0.08164618015289307s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

243PE5.txt Time=0.05113062858581543s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01278

Solution:5/5

:Avg runtime: 0.1184 Avg Backtracks: 3.4 Avg Assignments: 5.8

243PM1.txt Time=0.5595096349716187s Backtracks=3 Assignments=10 Solved=True  
AvgBacktrackTime=0.1865

243PM2.txt Time=2.441841185092926s Backtracks=18 Assignments=55 Solved=True  
AvgBacktrackTime=0.1357

243PM3.txt Time=3.256060481071472s Backtracks=36 Assignments=61 Solved=True  
AvgBacktrackTime=0.09045

243PM4.txt Time=2.328122615814209s Backtracks=1 Assignments=42 Solved=True  
AvgBacktrackTime=2.328

243PM5.txt Time=9.834481179714203s Backtracks=224 Assignments=235 Solved=True  
AvgBacktrackTime=0.04390

Solution:5/5

:Avg runtime: 3.684 Avg Backtracks: 56.4 Avg Assignments: 80.6

243PH1.txt Time=19.964136362075806s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=19.96

243PH2.txt Time=2.058300256729126s Backtracks=8 Assignments=17 Solved=True  
AvgBacktrackTime=0.2573

243PH3.txt Time=Infinitys Backtracks=812 Assignments=827 Solved=False AvgBacktrackTime=0

243PH4.txt Time=Infinitys Backtracks=877 Assignments=896 Solved=False AvgBacktrackTime=0

243PH5.txt Time=Infinitys Backtracks=8770 Assignments=8960 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2093.6 Avg Assignments: 2172.6

244 [(['NKD', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'LCV']

244PE1.txt Time=0.059977364540100095s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

244PE2.txt Time=0.08970918655395507s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.08971

244PE3.txt Time=0.29449100494384767s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.04908

244PE4.txt Time=0.08505182266235352s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.08505

244PE5.txt Time=0.05122621059417724s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1161 Avg Backtracks: 1.6 Avg Assignments: 4.0

244PM1.txt Time=0.7419235706329346s Backtracks=8 Assignments=15 Solved=True  
AvgBacktrackTime=0.09274

244PM2.txt Time=2.665893077850342s Backtracks=19 Assignments=57 Solved=True  
AvgBacktrackTime=0.1403

244PM3.txt Time=2.3910160660743713s Backtracks=15 Assignments=50 Solved=True  
AvgBacktrackTime=0.1594

244PM4.txt Time=3.7842738032341003s Backtracks=20 Assignments=70 Solved=True  
AvgBacktrackTime=0.1892

244PM5.txt Time=14.449479341506958s Backtracks=318 Assignments=329 Solved=True  
AvgBacktrackTime=0.04544

Solution:5/5

:Avg runtime: 4.806 Avg Backtracks: 76.0 Avg Assignments: 104.2

244PH1.txt Time=21.607920169830322s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

244PH2.txt Time=4.844522476196289s Backtracks=28 Assignments=37 Solved=True  
AvgBacktrackTime=0.1730

244PH3.txt Time=Infinitys Backtracks=812 Assignments=824 Solved=False AvgBacktrackTime=0

244PH4.txt Time=Infinitys Backtracks=872 Assignments=877 Solved=False AvgBacktrackTime=0

244PH5.txt Time=Infinitys Backtracks=8720 Assignments=8770 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 2086.4 Avg Assignments: 2135.4

245 [(['NKD', 'ArcConsistency', 'ForwardChecking'], 'DH', 'None']

245PE1.txt Time=0.08030164241790771s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.08030

245PE2.txt Time=0.23083221912384033s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.02565

245PE3.txt Time=0.2840005874633789s Backtracks=13 Assignments=17 Solved=True  
AvgBacktrackTime=0.02185

245PE4.txt Time=0.1240858793258667s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01241

245PE5.txt Time=0.07666606903076172s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01095

Solution:5/5

:Avg runtime: 0.1592 Avg Backtracks: 8.0 Avg Assignments: 10.6

245PM1.txt Time=Infinitys Backtracks=2089 Assignments=2098 Solved=False AvgBacktrackTime=0

245PM2.txt Time=Infinitys Backtracks=2089 Assignments=2109 Solved=False AvgBacktrackTime=0

245PM3.txt Time=Infinitys Backtracks=2224 Assignments=2248 Solved=False AvgBacktrackTime=0

245PM4.txt Time=Infinitys Backtracks=2771 Assignments=2791 Solved=False AvgBacktrackTime=0

245PM5.txt Time=37.22346144914627s Backtracks=1216 Assignments=1221 Solved=True  
AvgBacktrackTime=0.03061

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 2077.8 Avg Assignments: 2093.4

245PH1.txt Time=Infinitys Backtracks=3093 Assignments=3227 Solved=False AvgBacktrackTime=0

245PH2.txt Time=Infinitys Backtracks=2932 Assignments=2944 Solved=False AvgBacktrackTime=0

245PH3.txt Time=Infinitys Backtracks=868 Assignments=884 Solved=False AvgBacktrackTime=0

245PH4.txt Time=Infinitys Backtracks=906 Assignments=922 Solved=False AvgBacktrackTime=0

245PH5.txt Time=Infinitys Backtracks=9060 Assignments=9220 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3371.8 Avg Assignments: 3439.4

246 [(['NKD', 'ArcConsistency', 'ForwardChecking'), 'DH', 'LCV']

246PE1.txt Time=0.08942170143127441s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.08942

246PE2.txt Time=0.22175743579864501s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.04435

246PE3.txt Time=0.20097832679748534s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.05024

246PE4.txt Time=0.12269492149353027s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02454

246PE5.txt Time=0.07595255374908447s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03798

Solution:5/5

:Avg runtime: 0.1422 Avg Backtracks: 3.4 Avg Assignments: 6.0

246PM1.txt Time=Infinitys Backtracks=2008 Assignments=2018 Solved=False AvgBacktrackTime=0

246PM2.txt Time=Infinitys Backtracks=2041 Assignments=2063 Solved=False AvgBacktrackTime=0

246PM3.txt Time=Infinitys Backtracks=1845 Assignments=1876 Solved=False AvgBacktrackTime=0

246PM4.txt Time=Infinitys Backtracks=2080 Assignments=2116 Solved=False AvgBacktrackTime=0

246PM5.txt Time=42.149790942668915s Backtracks=1279 Assignments=1284 Solved=True  
AvgBacktrackTime=0.03296

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1850.6 Avg Assignments: 1871.4

246PH1.txt Time=Infinitys Backtracks=2124 Assignments=2281 Solved=False AvgBacktrackTime=0

246PH2.txt Time=Infinitys Backtracks=2981 Assignments=2991 Solved=False AvgBacktrackTime=0

246PH3.txt Time=Infinitys Backtracks=858 Assignments=877 Solved=False AvgBacktrackTime=0

246PH4.txt Time=Infinitys Backtracks=896 Assignments=920 Solved=False AvgBacktrackTime=0

246PH5.txt Time=Infinitys Backtracks=8960 Assignments=9200 Solved=False AvgBacktrackTime=0

Solution:0/5

:Avg runtime: Infinity Avg Backtracks: 3163.8 Avg Assignments: 3253.8

247 [('ForwardChecking', 'ArcConsistency', 'NKD', 'NKT'), 'None', 'None']

247PE1.txt Time=0.04923768043518066s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01641

247PE2.txt Time=0.09214565753936768s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03072

247PE3.txt Time=0.32309832572937014s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.03231

247PE4.txt Time=0.06944444179534912s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

247PE5.txt Time=0.0365891695022583s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009147

Solution:5/5

:Avg runtime: 0.1141 Avg Backtracks: 4.0 Avg Assignments: 5.8

247PM1.txt Time=0.7051170468330383s Backtracks=14 Assignments=20 Solved=True  
AvgBacktrackTime=0.05037

247PM2.txt Time=Infinitys Backtracks=851 Assignments=872 Solved=False AvgBacktrackTime=0

247PM3.txt Time=1.7173684239387512s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.1010

247PM4.txt Time=2.0700318813323975s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.035

247PM5.txt Time=1.9691949486732483s Backtracks=40 Assignments=45 Solved=True  
AvgBacktrackTime=0.04923

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 184.8 Avg Assignments: 201.0

247PH1.txt Time=30.037803411483765s Backtracks=65 Assignments=212 Solved=True  
AvgBacktrackTime=0.4621

247PH2.txt Time=1.716372013092041s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.1716

247PH3.txt Time=Infinitys Backtracks=741 Assignments=754 Solved=False AvgBacktrackTime=0  
247PH4.txt Time=Infinitys Backtracks=817 Assignments=827 Solved=False AvgBacktrackTime=0  
247PH5.txt Time=Infinitys Backtracks=8170 Assignments=8270 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1960.6 Avg Assignments: 2015.6

248 [('ForwardChecking', 'ArcConsistency', 'NKD', 'NKT'), 'None', 'LCV']

248PE1.txt Time=0.045578956604003906s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

248PE2.txt Time=0.11995024681091308s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05998

248PE3.txt Time=0.3019015550613403s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.03774

248PE4.txt Time=0.06965794563293456s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

248PE5.txt Time=0.03639564514160156s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1147 Avg Backtracks: 2.0 Avg Assignments: 3.8

248PM1.txt Time=0.5417566895484924s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.5418

248PM2.txt Time=1.7959697246551514s Backtracks=1 Assignments=28 Solved=True  
AvgBacktrackTime=1.796

248PM3.txt Time=2.425581216812134s Backtracks=21 Assignments=49 Solved=True  
AvgBacktrackTime=0.1155

248PM4.txt Time=Infinitys Backtracks=990 Assignments=1017 Solved=False AvgBacktrackTime=0



248PM5.txt Time=2.1731502413749695s Backtracks=38 Assignments=43 Solved=True  
AvgBacktrackTime=0.05719

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 210.2 Avg Assignments: 228.8

248PH1.txt Time=23.751546144485474s Backtracks=30 Assignments=181 Solved=True  
AvgBacktrackTime=0.7917

248PH2.txt Time=3.074354410171509s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1708

248PH3.txt Time=Infinitys Backtracks=721 Assignments=732 Solved=False AvgBacktrackTime=0

248PH4.txt Time=Infinitys Backtracks=805 Assignments=815 Solved=False AvgBacktrackTime=0

248PH5.txt Time=Infinitys Backtracks=8050 Assignments=8150 Solved=False AvgBacktrackTime=0

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1924.8 Avg Assignments: 1980.2

249 [(['ForwardChecking', 'ArcConsistency', 'NKD', 'NKT'), 'MRV', 'None']

249PE1.txt Time=0.045405459403991696s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01514

249PE2.txt Time=0.09163374900817871s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03054

249PE3.txt Time=0.2345573663711548s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03909

249PE4.txt Time=0.06911590099334716s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.06912

249PE5.txt Time=0.03627188205718994s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009068

Solution:5/5

:Avg runtime: 0.0954 Avg Backtracks: 3.4 Avg Assignments: 5.2

249PM1.txt Time=0.6673982739448547s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1335

249PM2.txt Time=2.2552651166915894s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3222

249PM3.txt Time=3.6052215695381165s Backtracks=26 Assignments=53 Solved=True  
AvgBacktrackTime=0.1387

249PM4.txt Time=2.706690192222595s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.707

249PM5.txt Time=4.677592754364014s Backtracks=73 Assignments=78 Solved=True  
AvgBacktrackTime=0.06408

Solution:5/5

:Avg runtime: 2.782 Avg Backtracks: 22.4 Avg Assignments: 44.2

249PH1.txt Time=24.933627128601074s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.93

249PH2.txt Time=1.751293420791626s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.2502

249PH3.txt Time=Infinitys Backtracks=690 Assignments=705 Solved=False AvgBacktrackTime=0

249PH4.txt Time=299.3281316757202s Backtracks=383 Assignments=398 Solved=True  
AvgBacktrackTime=0.7815

249PH5.txt Time=Infinitys Backtracks=3830 Assignments=3980 Solved=False AvgBacktrackTime=0

Solution:3/5

:Avg runtime: Infinity Avg Backtracks: 982.2 Avg Assignments: 1051.8

250 [('ForwardChecking', 'ArcConsistency', 'NKD', 'NKT'), 'MRV', 'LCV']

250PE1.txt Time=0.045893383026123044s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

250PE2.txt Time=0.12081468105316162s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06041

250PE3.txt Time=0.2160959482192993s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05402

250PE4.txt Time=0.06932001113891602s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

250PE5.txt Time=0.03660218715667725s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09774 Avg Backtracks: 1.2 Avg Assignments: 3.0

250PM1.txt Time=0.7161519527435303s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1432

250PM2.txt Time=2.702704131603241s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.3003

250PM3.txt Time=2.262118101119995s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.7540

250PM4.txt Time=3.1435441970825195s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.7859

250PM5.txt Time=5.008153796195984s Backtracks=69 Assignments=74 Solved=True  
AvgBacktrackTime=0.07258

Solution:5/5

:Avg runtime: 2.766 Avg Backtracks: 18.0 Avg Assignments: 42.4

250PH1.txt Time=26.39325976371765s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

250PH2.txt Time=2.4935169219970703s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.2494

250PH3.txt Time=365.37584924697876s Backtracks=455 Assignments=465 Solved=True  
AvgBacktrackTime=0.8030

250PH4.txt Time=174.24054193496704s Backtracks=855 Assignments=870 Solved=True  
AvgBacktrackTime=0.2038

250PH5.txt Time=Infinitys Backtracks=8550 Assignments=8700 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1974.0 Avg Assignments: 2044.2

251 [('ForwardChecking', 'ArcConsistency', 'NKD', 'NKT'), 'DH', 'None']

251PE1.txt Time=0.05949370861053467s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05949

251PE2.txt Time=0.15393240451812745s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.03079

251PE3.txt Time=0.16686506271362306s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04172

251PE4.txt Time=0.1019564151763916s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01457

251PE5.txt Time=0.07216088771820069s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01031

Solution:5/5

:Avg runtime: 0.1109 Avg Backtracks: 4.8 Avg Assignments: 6.4

251PM1.txt Time=Infinitys Backtracks=1141 Assignments=1149 Solved=False AvgBacktrackTime=0

251PM2.txt Time=Infinitys Backtracks=1684 Assignments=1703 Solved=False AvgBacktrackTime=0

251PM3.txt Time=Infinitys Backtracks=1306 Assignments=1323 Solved=False AvgBacktrackTime=0

251PM4.txt Time=Infinitys Backtracks=1221 Assignments=1247 Solved=False AvgBacktrackTime=0

251PM5.txt Time=23.234776556491852s Backtracks=387 Assignments=391 Solved=True  
AvgBacktrackTime=0.06004

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1147.8 Avg Assignments: 1162.6

251PH1.txt Time=Infinitys Backtracks=1713 Assignments=1834 Solved=False AvgBacktrackTime=0

251PH2.txt Time=2.8469316959381104s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.2588

251PH3.txt Time=Infinitys Backtracks=3920 Assignments=3942 Solved=False AvgBacktrackTime=0

251PH4.txt Time=Infinitys Backtracks=4586 Assignments=4599 Solved=False AvgBacktrackTime=0

251PH5.txt Time=Infinitys Backtracks=45860 Assignments=45990 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11218.0 Avg Assignments: 11276.2

252 [('ForwardChecking', 'ArcConsistency', 'NKD', 'NKT'), 'DH', 'LCV']

252PE1.txt Time=0.05993075370788574s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05993

252PE2.txt Time=0.10857844352722168s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.1086

252PE3.txt Time=0.1258101463317871s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06291

252PE4.txt Time=0.10028445720672607s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.05014

252PE5.txt Time=0.0716782569885254s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03584

Solution:5/5

:Avg runtime: 0.09326 Avg Backtracks: 1.6 Avg Assignments: 3.2

252PM1.txt Time=Infinitys Backtracks=1088 Assignments=1092 Solved=False AvgBacktrackTime=0  
252PM2.txt Time=Infinitys Backtracks=1215 Assignments=1236 Solved=False AvgBacktrackTime=0  
252PM3.txt Time=Infinitys Backtracks=1234 Assignments=1253 Solved=False AvgBacktrackTime=0  
252PM4.txt Time=Infinitys Backtracks=1116 Assignments=1145 Solved=False AvgBacktrackTime=0  
252PM5.txt Time=28.515234768390656s Backtracks=510 Assignments=514 Solved=True  
AvgBacktrackTime=0.05591

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1032.6 Avg Assignments: 1048.0

252PH1.txt Time=Infinitys Backtracks=1520 Assignments=1662 Solved=False AvgBacktrackTime=0  
252PH2.txt Time=3.699746608734131s Backtracks=15 Assignments=20 Solved=True  
AvgBacktrackTime=0.2466  
252PH3.txt Time=Infinitys Backtracks=3520 Assignments=3533 Solved=False AvgBacktrackTime=0  
252PH4.txt Time=Infinitys Backtracks=4559 Assignments=4578 Solved=False AvgBacktrackTime=0  
252PH5.txt Time=Infinitys Backtracks=45590 Assignments=45780 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11040.8 Avg Assignments: 11114.6

253 [('ForwardChecking', 'ArcConsistency', 'NKT', 'NKD'), 'None', 'None']

253PE1.txt Time=0.04569082260131836s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01523  
253PE2.txt Time=0.09308979511260987s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03103  
253PE3.txt Time=0.32697296142578125s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.03270  
253PE4.txt Time=0.06843221187591553s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

253PE5.txt Time=0.03635437488555908s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009089

Solution:5/5

:Avg runtime: 0.1141 Avg Backtracks: 4.0 Avg Assignments: 5.8

253PM1.txt Time=0.8348122835159302s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.04638

253PM2.txt Time=Infinitys Backtracks=835 Assignments=856 Solved=False AvgBacktrackTime=0

253PM3.txt Time=1.6081832647323608s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.1462

253PM4.txt Time=2.2522809505462646s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=1.126

253PM5.txt Time=2.0030307173728943s Backtracks=48 Assignments=54 Solved=True  
AvgBacktrackTime=0.04173

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 182.8 Avg Assignments: 199.4

253PH1.txt Time=30.34654188156128s Backtracks=74 Assignments=221 Solved=True  
AvgBacktrackTime=0.4101

253PH2.txt Time=1.3965251445770264s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2793

253PH3.txt Time=286.736310005188s Backtracks=1400 Assignments=1410 Solved=True  
AvgBacktrackTime=0.2048

253PH4.txt Time=594.5682730674744s Backtracks=3423 Assignments=3434 Solved=True  
AvgBacktrackTime=0.1737

253PH5.txt Time=Infinitys Backtracks=34230 Assignments=34340 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7826.4 Avg Assignments: 7883.0

254 [('ForwardChecking', 'ArcConsistency', 'NKT', 'NKD'), 'None', 'LCV']

254PE1.txt Time=0.045867109298706056s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

254PE2.txt Time=0.11734049320220948s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05867

254PE3.txt Time=0.2947155714035034s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.03684

254PE4.txt Time=0.06865952014923096s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

254PE5.txt Time=0.03689076900482178s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1127 Avg Backtracks: 2.0 Avg Assignments: 3.8

254PM1.txt Time=0.6399004459381104s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.1600

254PM2.txt Time=2.094669759273529s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=2.095

254PM3.txt Time=1.9612764716148376s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.2179

254PM4.txt Time=Infinitys Backtracks=984 Assignments=1012 Solved=False AvgBacktrackTime=0

254PM5.txt Time=2.2670981884002686s Backtracks=47 Assignments=53 Solved=True  
AvgBacktrackTime=0.04824

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 209.0 Avg Assignments: 228.6

254PH1.txt Time=23.98549222946167s Backtracks=33 Assignments=184 Solved=True  
AvgBacktrackTime=0.7268



254PH2.txt Time=2.9972517490386963s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.2498

254PH3.txt Time=203.417973279953s Backtracks=1086 Assignments=1096 Solved=True  
AvgBacktrackTime=0.1873

254PH4.txt Time=220.59431672096252s Backtracks=1633 Assignments=1644 Solved=True  
AvgBacktrackTime=0.1351

254PH5.txt Time=Infinitys Backtracks=16330 Assignments=16440 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3818.8 Avg Assignments: 3876.2

255 [('ForwardChecking', 'ArcConsistency', 'NKT', 'NKD'), 'MRV', 'None']

255PE1.txt Time=0.04578652381896973s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01526

255PE2.txt Time=0.09298787117004395s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03100

255PE3.txt Time=0.2604128122329712s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.04340

255PE4.txt Time=0.06844635009765625s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

255PE5.txt Time=0.03651506900787353s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009129

Solution:5/5

:Avg runtime: 0.1008 Avg Backtracks: 3.2 Avg Assignments: 5.0

255PM1.txt Time=0.6025309562683105s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1506

255PM2.txt Time=2.2374225854873657s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3196

255PM3.txt Time=3.2968997955322266s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1433

255PM4.txt Time=2.801413118839264s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.801

255PM5.txt Time=4.686127543449402s Backtracks=72 Assignments=77 Solved=True  
AvgBacktrackTime=0.06509

Solution:5/5

:Avg runtime: 2.724 Avg Backtracks: 21.4 Avg Assignments: 43.0

255PH1.txt Time=24.959035634994507s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.96

255PH2.txt Time=1.276125192642212s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.3190

255PH3.txt Time=247.77501487731934s Backtracks=1174 Assignments=1182 Solved=True  
AvgBacktrackTime=0.2111

255PH4.txt Time=62.289994955062866s Backtracks=359 Assignments=374 Solved=True  
AvgBacktrackTime=0.1735

255PH5.txt Time=Infinitys Backtracks=3590 Assignments=3740 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1025.6 Avg Assignments: 1093.6

256 [(['ForwardChecking', 'ArcConsistency', 'NKT', 'NKD'), 'MRV', 'LCV']

256PE1.txt Time=0.04587714672088623s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

256PE2.txt Time=0.11725733280181885s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05863

256PE3.txt Time=0.23575315475463868s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05894

256PE4.txt Time=0.06873147487640381s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

256PE5.txt Time=0.03674635887145996s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1009 Avg Backtracks: 1.2 Avg Assignments: 3.0

256PM1.txt Time=0.7166561484336853s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1433

256PM2.txt Time=2.7013449668884277s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.3377

256PM3.txt Time=2.0120561122894287s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

256PM4.txt Time=3.2023687958717346s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8006

256PM5.txt Time=4.751107752323151s Backtracks=67 Assignments=72 Solved=True  
AvgBacktrackTime=0.07091

Solution:5/5

:Avg runtime: 2.676 Avg Backtracks: 16.8 Avg Assignments: 40.8

256PH1.txt Time=26.483903646469116s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

256PH2.txt Time=2.0976991653442383s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.3496

256PH3.txt Time=103.55865502357483s Backtracks=507 Assignments=515 Solved=True  
AvgBacktrackTime=0.2043

256PH4.txt Time=157.7766900062561s Backtracks=801 Assignments=816 Solved=True  
AvgBacktrackTime=0.1970

256PH5.txt Time=Infinitys Backtracks=8010 Assignments=8160 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1864.8 Avg Assignments: 1934.4

257 [('ForwardChecking', 'ArcConsistency', 'NKT', 'NKD'), 'DH', 'None']

257PE1.txt Time=0.059603428840637206s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05960

257PE2.txt Time=0.06805498600006103s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03403

257PE3.txt Time=0.20448520183563232s Backtracks=11 Assignments=13 Solved=True  
AvgBacktrackTime=0.01859

257PE4.txt Time=0.11446642875671387s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01145

257PE5.txt Time=0.0719604730606079s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01028

Solution:5/5

:Avg runtime: 0.1037 Avg Backtracks: 6.2 Avg Assignments: 7.6

257PM1.txt Time=Infinitys Backtracks=1131 Assignments=1140 Solved=False AvgBacktrackTime=0

257PM2.txt Time=Infinitys Backtracks=1379 Assignments=1397 Solved=False AvgBacktrackTime=0

257PM3.txt Time=Infinitys Backtracks=1184 Assignments=1206 Solved=False AvgBacktrackTime=0

257PM4.txt Time=Infinitys Backtracks=1268 Assignments=1295 Solved=False AvgBacktrackTime=0

257PM5.txt Time=20.538548350334167s Backtracks=348 Assignments=353 Solved=True  
AvgBacktrackTime=0.05902

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1062.0 Avg Assignments: 1078.2

257PH1.txt Time=Infinitys Backtracks=2288 Assignments=2412 Solved=False AvgBacktrackTime=0

257PH2.txt Time=7.55298113822937s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.2041

257PH3.txt Time=Infinitys Backtracks=4024 Assignments=4034 Solved=False AvgBacktrackTime=0

257PH4.txt Time=Infinitys Backtracks=4814 Assignments=4826 Solved=False AvgBacktrackTime=0

257PH5.txt Time=Infinitys Backtracks=48140 Assignments=48260 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11860.6 Avg Assignments: 11914.8

258 [(['ForwardChecking', 'ArcConsistency', 'NKT', 'NKD'), 'DH', 'LCV']

258PE1.txt Time=0.05990746021270752s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05991

258PE2.txt Time=0.06750717163085937s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

258PE3.txt Time=0.1417597532272339s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.02025

258PE4.txt Time=0.11260735988616943s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02252

258PE5.txt Time=0.0713874101638794s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03569

Solution:5/5

:Avg runtime: 0.09064 Avg Backtracks: 3.0 Avg Assignments: 4.4

258PM1.txt Time=Infinitys Backtracks=1092 Assignments=1095 Solved=False AvgBacktrackTime=0

258PM2.txt Time=Infinitys Backtracks=1097 Assignments=1118 Solved=False AvgBacktrackTime=0

258PM3.txt Time=Infinitys Backtracks=1096 Assignments=1115 Solved=False AvgBacktrackTime=0

258PM4.txt Time=Infinitys Backtracks=1209 Assignments=1242 Solved=False AvgBacktrackTime=0

258PM5.txt Time=26.860550045967102s Backtracks=464 Assignments=469 Solved=True  
AvgBacktrackTime=0.05789

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 991.6 Avg Assignments: 1007.8

258PH1.txt Time=Infinitys Backtracks=1531 Assignments=1672 Solved=False AvgBacktrackTime=0

258PH2.txt Time=6.825373411178589s Backtracks=38 Assignments=43 Solved=True  
AvgBacktrackTime=0.1796

258PH3.txt Time=Infinitys Backtracks=3930 Assignments=3948 Solved=False AvgBacktrackTime=0

258PH4.txt Time=Infinitys Backtracks=3739 Assignments=3758 Solved=False AvgBacktrackTime=0

258PH5.txt Time=Infinitys Backtracks=37390 Assignments=37580 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 9325.6 Avg Assignments: 9400.2

259 [(['ForwardChecking', 'NKD', 'ArcConsistency', 'NKT'), 'None', 'None']

259PE1.txt Time=0.03891124725341797s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01297

259PE2.txt Time=0.08470942974090576s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02824

259PE3.txt Time=0.2698479413986206s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02698

259PE4.txt Time=0.044211316108703616s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

259PE5.txt Time=0.035276269912719725s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008819

Solution:5/5

:Avg runtime: 0.09458 Avg Backtracks: 4.0 Avg Assignments: 5.6

259PM1.txt Time=0.5646772384643555s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.09411

259PM2.txt Time=Infinitys Backtracks=856 Assignments=878 Solved=False AvgBacktrackTime=0

259PM3.txt Time=1.5964758396148682s Backtracks=13 Assignments=30 Solved=True  
AvgBacktrackTime=0.1228

259PM4.txt Time=2.1546838879585266s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.077

259PM5.txt Time=1.3097181916236877s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.03742

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 182.4 Avg Assignments: 198.6

259PH1.txt Time=28.323129653930664s Backtracks=60 Assignments=207 Solved=True  
AvgBacktrackTime=0.4721

259PH2.txt Time=1.536376953125s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.1536

259PH3.txt Time=231.96553349494934s Backtracks=1178 Assignments=1188 Solved=True  
AvgBacktrackTime=0.1969

259PH4.txt Time=397.36765027046204s Backtracks=2306 Assignments=2317 Solved=True  
AvgBacktrackTime=0.1723

259PH5.txt Time=Infinitys Backtracks=23060 Assignments=23170 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5322.8 Avg Assignments: 5379.4

260 [('ForwardChecking', 'NKD', 'ArcConsistency', 'NKT'), 'None', 'LCV']

260PE1.txt Time=0.039222121238708496s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

260PE2.txt Time=0.10386300086975098s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05193

260PE3.txt Time=0.24721715450286866s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.03090

260PE4.txt Time=0.044808816909790036s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

260PE5.txt Time=0.0356900691986084s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09416 Avg Backtracks: 2.0 Avg Assignments: 3.6

260PM1.txt Time=0.5542753338813782s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2771

260PM2.txt Time=1.7635275721549988s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

260PM3.txt Time=2.19937527179718s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.2444

260PM4.txt Time=Infinitys Backtracks=980 Assignments=1008 Solved=False AvgBacktrackTime=0

260PM5.txt Time=1.5875187516212463s Backtracks=33 Assignments=38 Solved=True  
AvgBacktrackTime=0.04811

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 204.8 Avg Assignments: 223.2

260PH1.txt Time=23.695772171020508s Backtracks=26 Assignments=177 Solved=True  
AvgBacktrackTime=0.9114

260PH2.txt Time=2.872567892074585s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1596

260PH3.txt Time=210.17368841171265s Backtracks=1118 Assignments=1128 Solved=True  
AvgBacktrackTime=0.1880



260PH4.txt Time=128.67319536209106s Backtracks=909 Assignments=920 Solved=True  
AvgBacktrackTime=0.1416

260PH5.txt Time=Infinitys Backtracks=9090 Assignments=9200 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2232.2 Avg Assignments: 2289.6

261 [(['ForwardChecking', 'NKD', 'ArcConsistency', 'NKT'), 'MRV', 'None']

261PE1.txt Time=0.03891510963439941s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01297

261PE2.txt Time=0.08527538776397706s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02843

261PE3.txt Time=0.20636317729949952s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03439

261PE4.txt Time=0.04431736469268799s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

261PE5.txt Time=0.035129356384277347s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008782

Solution:5/5

:Avg runtime: 0.0820 Avg Backtracks: 3.2 Avg Assignments: 4.8

261PM1.txt Time=0.543450653553009s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1812

261PM2.txt Time=2.240253508090973s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3200

261PM3.txt Time=3.162784516811371s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1506

261PM4.txt Time=2.81026953458786s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.810

261PM5.txt Time=4.604277074337006s Backtracks=73 Assignments=77 Solved=True  
AvgBacktrackTime=0.06307

Solution:5/5

:Avg runtime: 2.672 Avg Backtracks: 21.0 Avg Assignments: 42.2

261PH1.txt Time=24.861722469329834s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.86

261PH2.txt Time=1.7382373809814453s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.2483

261PH3.txt Time=208.75844025611877s Backtracks=1010 Assignments=1018 Solved=True  
AvgBacktrackTime=0.2067

261PH4.txt Time=52.42763662338257s Backtracks=322 Assignments=336 Solved=True  
AvgBacktrackTime=0.1628

261PH5.txt Time=Infinitys Backtracks=3220 Assignments=3360 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 912.0 Avg Assignments: 978.0

262 [('ForwardChecking', 'NKD', 'ArcConsistency', 'NKT'), 'MRV', 'LCV']

262PE1.txt Time=0.03911974430084229s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

262PE2.txt Time=0.10373809337615966s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05187

262PE3.txt Time=0.18771631717681886s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04693

262PE4.txt Time=0.04465773105621338s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

262PE5.txt Time=0.035484695434570314s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08216 Avg Backtracks: 1.2 Avg Assignments: 2.8

262PM1.txt Time=0.6259200572967529s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.2086

262PM2.txt Time=2.634572744369507s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2927

262PM3.txt Time=2.1832666993141174s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.092

262PM4.txt Time=3.2091545462608337s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8023

262PM5.txt Time=4.74511331319809s Backtracks=70 Assignments=74 Solved=True  
AvgBacktrackTime=0.06779

Solution:5/5

:Avg runtime: 2.68 Avg Backtracks: 17.6 Avg Assignments: 41.4

262PH1.txt Time=25.96345281600952s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

262PH2.txt Time=2.462473154067993s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.2462

262PH3.txt Time=84.91520643234253s Backtracks=424 Assignments=432 Solved=True  
AvgBacktrackTime=0.2003

262PH4.txt Time=131.9127640724182s Backtracks=727 Assignments=741 Solved=True  
AvgBacktrackTime=0.1814

262PH5.txt Time=Infinitys Backtracks=7270 Assignments=7410 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1686.2 Avg Assignments: 1753.6

263 [('ForwardChecking', 'NKD', 'ArcConsistency', 'NKT'), 'DH', 'None']

263PE1.txt Time=0.05536539554595947s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05537

263PE2.txt Time=0.10055923461914062s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02514

263PE3.txt Time=0.21380262374877929s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.04276

263PE4.txt Time=0.0834087610244751s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01192

263PE5.txt Time=0.06441330909729004s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.009202

Solution:5/5

:Avg runtime: 0.1035 Avg Backtracks: 4.8 Avg Assignments: 6.4

263PM1.txt Time=Infinitys Backtracks=1160 Assignments=1169 Solved=False AvgBacktrackTime=0

263PM2.txt Time=Infinitys Backtracks=1655 Assignments=1673 Solved=False AvgBacktrackTime=0

263PM3.txt Time=Infinitys Backtracks=1277 Assignments=1302 Solved=False AvgBacktrackTime=0

263PM4.txt Time=Infinitys Backtracks=1271 Assignments=1292 Solved=False AvgBacktrackTime=0

263PM5.txt Time=14.987820506095886s Backtracks=247 Assignments=251 Solved=True  
AvgBacktrackTime=0.06068

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1122.0 Avg Assignments: 1137.4

263PH1.txt Time=Infinitys Backtracks=1623 Assignments=1746 Solved=False AvgBacktrackTime=0

263PH2.txt Time=2.1250360012054443s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.1932

263PH3.txt Time=Infinitys Backtracks=4044 Assignments=4065 Solved=False AvgBacktrackTime=0

263PH4.txt Time=Infinitys Backtracks=4730 Assignments=4744 Solved=False AvgBacktrackTime=0

263PH5.txt Time=Infinitys Backtracks=47300 Assignments=47440 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11541.6 Avg Assignments: 11602.0

264 [('ForwardChecking', 'NKD', 'ArcConsistency', 'NKT'), 'DH', 'LCV']

264PE1.txt Time=0.055330634117126465s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05533

264PE2.txt Time=0.06612417697906495s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

264PE3.txt Time=0.14926714897155763s Backtracks=2 Assignments=5 Solved=True  
AvgBacktrackTime=0.07463

264PE4.txt Time=0.08150279521942139s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04075

264PE5.txt Time=0.06448791027069092s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03224

Solution:5/5

:Avg runtime: 0.08336 Avg Backtracks: 1.4 Avg Assignments: 3.0

264PM1.txt Time=Infinitys Backtracks=1113 Assignments=1121 Solved=False AvgBacktrackTime=0

264PM2.txt Time=Infinitys Backtracks=1212 Assignments=1234 Solved=False AvgBacktrackTime=0

264PM3.txt Time=53.33340138196945s Backtracks=1216 Assignments=1239 Solved=True  
AvgBacktrackTime=0.04386

264PM4.txt Time=Infinitys Backtracks=1096 Assignments=1127 Solved=False AvgBacktrackTime=0

264PM5.txt Time=18.390392124652863s Backtracks=313 Assignments=317 Solved=True  
AvgBacktrackTime=0.05876

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 990.0 Avg Assignments: 1007.6

264PH1.txt Time=Infinitys Backtracks=1514 Assignments=1657 Solved=False AvgBacktrackTime=0

264PH2.txt Time=2.416236639022827s Backtracks=11 Assignments=15 Solved=True  
AvgBacktrackTime=0.2197

264PH3.txt Time=Infinitys Backtracks=3839 Assignments=3853 Solved=False AvgBacktrackTime=0

264PH4.txt Time=Infinitys Backtracks=4425 Assignments=4441 Solved=False AvgBacktrackTime=0

264PH5.txt Time=Infinitys Backtracks=44250 Assignments=44410 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 10807.8 Avg Assignments: 10875.2

265 [('ForwardChecking', 'NKD', 'NKT', 'ArcConsistency'), 'None', 'None']

265PE1.txt Time=0.0378986120223999s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01263

265PE2.txt Time=0.09233958721160888s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03078

265PE3.txt Time=0.2762789011001587s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02763

265PE4.txt Time=0.039646339416503903s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

265PE5.txt Time=0.035225439071655276s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008806

Solution:5/5

:Avg runtime: 0.09626 Avg Backtracks: 4.0 Avg Assignments: 5.6

265PM1.txt Time=0.49652743339538574s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.08275

265PM2.txt Time=Infinitys Backtracks=740 Assignments=761 Solved=False AvgBacktrackTime=0

265PM3.txt Time=1.5833401083946228s Backtracks=14 Assignments=30 Solved=True  
AvgBacktrackTime=0.1131

265PM4.txt Time=2.1054638028144836s Backtracks=1 Assignments=33 Solved=True  
AvgBacktrackTime=2.105

265PM5.txt Time=1.4356685280799866s Backtracks=23 Assignments=28 Solved=True  
AvgBacktrackTime=0.06242

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 156.8 Avg Assignments: 172.4

265PH1.txt Time=25.166021585464478s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=1.325

265PH2.txt Time=1.1676287651062012s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2335

265PH3.txt Time=201.4691517353058s Backtracks=949 Assignments=958 Solved=True  
AvgBacktrackTime=0.2123

265PH4.txt Time=387.61447286605835s Backtracks=2027 Assignments=2038 Solved=True  
AvgBacktrackTime=0.1912

265PH5.txt Time=Infinitys Backtracks=20270 Assignments=20380 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 4654.0 Avg Assignments: 4710.2

266 [('ForwardChecking', 'NKD', 'NKT', 'ArcConsistency'), 'None', 'LCV']

266PE1.txt Time=0.03786804676055908s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

266PE2.txt Time=0.11205987930297852s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05603

266PE3.txt Time=0.25153088569641113s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.03144

266PE4.txt Time=0.040322613716125486s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

266PE5.txt Time=0.035382318496704104s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09542 Avg Backtracks: 2.0 Avg Assignments: 3.6

266PM1.txt Time=0.31931692361831665s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

266PM2.txt Time=1.7702921628952026s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

266PM3.txt Time=2.1319268941879272s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2369

266PM4.txt Time=Infinitys Backtracks=897 Assignments=925 Solved=False AvgBacktrackTime=0

266PM5.txt Time=1.4948568940162659s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.08305

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 184.8 Avg Assignments: 202.8

266PH1.txt Time=23.296746492385864s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.589

266PH2.txt Time=2.0149624347686768s Backtracks=8 Assignments=12 Solved=True  
AvgBacktrackTime=0.2519

266PH3.txt Time=180.27907609939575s Backtracks=907 Assignments=916 Solved=True  
AvgBacktrackTime=0.1988

266PH4.txt Time=137.24464106559753s Backtracks=877 Assignments=888 Solved=True  
AvgBacktrackTime=0.1565

266PH5.txt Time=Infinitys Backtracks=8770 Assignments=8880 Solved=False AvgBacktrackTime=0



Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2114.2 Avg Assignments: 2171.2

267 [('ForwardChecking', 'NKD', 'NKT', 'ArcConsistency'), 'MRV', 'None']

267PE1.txt Time=0.03764026165008545s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01255

267PE2.txt Time=0.09231619834899903s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03077

267PE3.txt Time=0.19933793544769288s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03322

267PE4.txt Time=0.03977832794189453s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

267PE5.txt Time=0.035342955589294435s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.008836

Solution:5/5

:Avg runtime: 0.08088 Avg Backtracks: 3.2 Avg Assignments: 4.8

267PM1.txt Time=0.38058042526245117s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1903

267PM2.txt Time=2.184779107570648s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3121

267PM3.txt Time=2.7302902340888977s Backtracks=17 Assignments=40 Solved=True  
AvgBacktrackTime=0.1606

267PM4.txt Time=2.83582866191864s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.836

267PM5.txt Time=3.849936604499817s Backtracks=59 Assignments=63 Solved=True  
AvgBacktrackTime=0.06525

Solution:5/5

:Avg runtime: 2.396 Avg Backtracks: 17.2 Avg Assignments: 37.6

267PH1.txt Time=24.976691246032715s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.98

267PH2.txt Time=1.4218497276306152s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2844

267PH3.txt Time=182.70397996902466s Backtracks=884 Assignments=892 Solved=True  
AvgBacktrackTime=0.2067

267PH4.txt Time=53.64140176773071s Backtracks=310 Assignments=324 Solved=True  
AvgBacktrackTime=0.1730

267PH5.txt Time=Infinitys Backtracks=3100 Assignments=3240 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 860.0 Avg Assignments: 925.8

268 [(['ForwardChecking', 'NKD', 'NKT', 'ArcConsistency'), 'MRV', 'LCV']

268PE1.txt Time=0.03772666454315186s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

268PE2.txt Time=0.1118393898010254s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05592

268PE3.txt Time=0.17843635082244874s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04461

268PE4.txt Time=0.04014673233032227s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

268PE5.txt Time=0.03545498847961426s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08072 Avg Backtracks: 1.2 Avg Assignments: 2.8

268PM1.txt Time=0.5505909323692322s Backtracks=3 Assignments=8 Solved=True  
AvgBacktrackTime=0.1835

268PM2.txt Time=2.6025936007499695s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2892

268PM3.txt Time=1.9813153147697449s Backtracks=1 Assignments=31 Solved=True  
AvgBacktrackTime=1.981

268PM4.txt Time=3.2272093296051025s Backtracks=4 Assignments=47 Solved=True  
AvgBacktrackTime=0.8068

268PM5.txt Time=4.007158875465393s Backtracks=54 Assignments=58 Solved=True  
AvgBacktrackTime=0.07421

Solution:5/5

:Avg runtime: 2.474 Avg Backtracks: 14.2 Avg Assignments: 37.2

268PH1.txt Time=25.825302600860596s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

268PH2.txt Time=1.7772433757781982s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.3554

268PH3.txt Time=74.77938222885132s Backtracks=363 Assignments=371 Solved=True  
AvgBacktrackTime=0.2060

268PH4.txt Time=127.51741361618042s Backtracks=644 Assignments=658 Solved=True  
AvgBacktrackTime=0.1980

268PH5.txt Time=Infinitys Backtracks=6440 Assignments=6580 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1490.4 Avg Assignments: 1557.6

269 [('ForwardChecking', 'NKD', 'NKT', 'ArcConsistency'), 'DH', 'None']

269PE1.txt Time=0.05119762420654297s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05120

269PE2.txt Time=0.11098308563232422s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02775

269PE3.txt Time=0.17255833148956298s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04314

269PE4.txt Time=0.07209393978118897s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01030

269PE5.txt Time=0.06486771106719971s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.009267

Solution:5/5

:Avg runtime: 0.09436 Avg Backtracks: 4.6 Avg Assignments: 6.0

269PM1.txt Time=Infinitys Backtracks=1160 Assignments=1163 Solved=False AvgBacktrackTime=0

269PM2.txt Time=Infinitys Backtracks=1144 Assignments=1159 Solved=False AvgBacktrackTime=0

269PM3.txt Time=Infinitys Backtracks=1182 Assignments=1203 Solved=False AvgBacktrackTime=0

269PM4.txt Time=Infinitys Backtracks=1206 Assignments=1235 Solved=False AvgBacktrackTime=0

269PM5.txt Time=12.330262899398804s Backtracks=192 Assignments=195 Solved=True  
AvgBacktrackTime=0.06422

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 976.8 Avg Assignments: 991.0

269PH1.txt Time=Infinitys Backtracks=1714 Assignments=1837 Solved=False AvgBacktrackTime=0

269PH2.txt Time=1.6795053482055664s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.3359

269PH3.txt Time=Infinitys Backtracks=3843 Assignments=3863 Solved=False AvgBacktrackTime=0

269PH4.txt Time=Infinitys Backtracks=3682 Assignments=3695 Solved=False AvgBacktrackTime=0

269PH5.txt Time=Infinitys Backtracks=36820 Assignments=36950 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 9212.8 Avg Assignments: 9271.0

270 [('ForwardChecking', 'NKD', 'NKT', 'ArcConsistency'), 'DH', 'LCV']

270PE1.txt Time=0.05165741443634033s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05166

270PE2.txt Time=0.07339596748352051s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

270PE3.txt Time=0.09014976024627686s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09015

270PE4.txt Time=0.07039592266082764s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03520

270PE5.txt Time=0.06423139572143555s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03212

Solution:5/5

:Avg runtime: 0.06996 Avg Backtracks: 1.2 Avg Assignments: 2.6

270PM1.txt Time=Infinitys Backtracks=1141 Assignments=1147 Solved=False AvgBacktrackTime=0

270PM2.txt Time=Infinitys Backtracks=1061 Assignments=1084 Solved=False AvgBacktrackTime=0

270PM3.txt Time=44.815573275089264s Backtracks=769 Assignments=794 Solved=True  
AvgBacktrackTime=0.05828

270PM4.txt Time=Infinitys Backtracks=995 Assignments=1024 Solved=False AvgBacktrackTime=0

270PM5.txt Time=15.707373976707458s Backtracks=249 Assignments=252 Solved=True  
AvgBacktrackTime=0.06308

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 843.0 Avg Assignments: 860.2

270PH1.txt Time=Infinitys Backtracks=1319 Assignments=1462 Solved=False AvgBacktrackTime=0

270PH2.txt Time=2.186832904815674s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.3124

270PH3.txt Time=Infinitys Backtracks=3764 Assignments=3776 Solved=False AvgBacktrackTime=0  
270PH4.txt Time=Infinitys Backtracks=3491 Assignments=3509 Solved=False AvgBacktrackTime=0  
270PH5.txt Time=Infinitys Backtracks=34910 Assignments=35090 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 8698.2 Avg Assignments: 8769.8

271 [('ForwardChecking', 'NKT', 'ArcConsistency', 'NKD'), 'None', 'None']

271PE1.txt Time=0.03836114406585693s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01279

271PE2.txt Time=0.09202547073364258s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03068

271PE3.txt Time=0.27559099197387693s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02756

271PE4.txt Time=0.06506295204162597s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

271PE5.txt Time=0.03633327484130859s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009083

Solution:5/5

:Avg runtime: 0.1015 Avg Backtracks: 4.0 Avg Assignments: 5.8

271PM1.txt Time=0.7190335392951965s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.03995

271PM2.txt Time=Infinitys Backtracks=765 Assignments=787 Solved=False AvgBacktrackTime=0

271PM3.txt Time=1.493100106716156s Backtracks=9 Assignments=26 Solved=True  
AvgBacktrackTime=0.1659

271PM4.txt Time=2.153739333152771s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.077

271PM5.txt Time=1.6757200360298157s Backtracks=34 Assignments=39 Solved=True  
AvgBacktrackTime=0.04929

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 165.6 Avg Assignments: 181.8

271PH1.txt Time=25.614611625671387s Backtracks=24 Assignments=171 Solved=True  
AvgBacktrackTime=1.067

271PH2.txt Time=1.154571294784546s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2309

271PH3.txt Time=236.63232612609863s Backtracks=1164 Assignments=1173 Solved=True  
AvgBacktrackTime=0.2033

271PH4.txt Time=516.8230249881744s Backtracks=2994 Assignments=3005 Solved=True  
AvgBacktrackTime=0.1726

271PH5.txt Time=Infinitys Backtracks=29940 Assignments=30050 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6825.4 Avg Assignments: 6881.6

272 [('ForwardChecking', 'NKT', 'ArcConsistency', 'NKD'), 'None', 'LCV']

272PE1.txt Time=0.03910360336303711s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

272PE2.txt Time=0.09908092021942139s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04954

272PE3.txt Time=0.2532223701477051s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.03165

272PE4.txt Time=0.06559970378875732s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

272PE5.txt Time=0.03667151927947998s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09874 Avg Backtracks: 2.0 Avg Assignments: 3.8

272PM1.txt Time=0.388746440410614s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1944

272PM2.txt Time=2.0857890248298645s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=2.086

272PM3.txt Time=1.902669370174408s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2114

272PM4.txt Time=Infinitys Backtracks=924 Assignments=953 Solved=False AvgBacktrackTime=0

272PM5.txt Time=1.8952409029006958s Backtracks=30 Assignments=35 Solved=True  
AvgBacktrackTime=0.06317

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 193.2 Avg Assignments: 212.4

272PH1.txt Time=23.901875495910645s Backtracks=16 Assignments=167 Solved=True  
AvgBacktrackTime=1.494

272PH2.txt Time=1.9831933975219727s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2833

272PH3.txt Time=172.54508590698242s Backtracks=925 Assignments=934 Solved=True  
AvgBacktrackTime=0.1865

272PH4.txt Time=197.00532913208008s Backtracks=1397 Assignments=1408 Solved=True  
AvgBacktrackTime=0.1410

272PH5.txt Time=Infinitys Backtracks=13970 Assignments=14080 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3263.0 Avg Assignments: 3320.0

273 [['ForwardChecking', 'NKT', 'ArcConsistency', 'NKD'), 'MRV', 'None']



273PE1.txt Time=0.0394406795501709s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01315

273PE2.txt Time=0.0933915138244629s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03113

273PE3.txt Time=0.21687662601470947s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03615

273PE4.txt Time=0.06518683433532715s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

273PE5.txt Time=0.03640990257263184s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009102

Solution:5/5

:Avg runtime: 0.09026 Avg Backtracks: 3.2 Avg Assignments: 5.0

273PM1.txt Time=0.4339748024940491s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1447

273PM2.txt Time=2.214767575263977s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3164

273PM3.txt Time=3.371318221092224s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1605

273PM4.txt Time=2.8810115456581116s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.881

273PM5.txt Time=4.488773703575134s Backtracks=68 Assignments=72 Solved=True  
AvgBacktrackTime=0.06601

Solution:5/5

:Avg runtime: 2.678 Avg Backtracks: 20.0 Avg Assignments: 41.2

273PH1.txt Time=24.974727153778076s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.97

273PH2.txt Time=1.0456268787384033s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.2614

273PH3.txt Time=210.90291714668274s Backtracks=1072 Assignments=1080 Solved=True  
AvgBacktrackTime=0.1967

273PH4.txt Time=56.652729988098145s Backtracks=350 Assignments=364 Solved=True  
AvgBacktrackTime=0.1619

273PH5.txt Time=Infinitys Backtracks=3500 Assignments=3640 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 985.4 Avg Assignments: 1051.0

274 [(['ForwardChecking', 'NKT', 'ArcConsistency', 'NKD'), 'MRV', 'LCV']

274PE1.txt Time=0.03951566219329834s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

274PE2.txt Time=0.09983081817626953s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04992

274PE3.txt Time=0.195322585105896s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04883

274PE4.txt Time=0.06544017791748047s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

274PE5.txt Time=0.03657588958740234s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08734 Avg Backtracks: 1.2 Avg Assignments: 3.0

274PM1.txt Time=0.542236864566803s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.1356

274PM2.txt Time=2.621484696865082s Backtracks=6 Assignments=39 Solved=True  
AvgBacktrackTime=0.4369

274PM3.txt Time=2.0287501215934753s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

274PM4.txt Time=3.2622633576393127s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8156

274PM5.txt Time=4.146416902542114s Backtracks=61 Assignments=65 Solved=True  
AvgBacktrackTime=0.06797

Solution:5/5

:Avg runtime: 2.52 Avg Backtracks: 15.0 Avg Assignments: 38.6

274PH1.txt Time=26.048994302749634s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

274PH2.txt Time=2.0289947986602783s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2899

274PH3.txt Time=91.12289261817932s Backtracks=461 Assignments=469 Solved=True  
AvgBacktrackTime=0.1977

274PH4.txt Time=138.48461532592773s Backtracks=748 Assignments=762 Solved=True  
AvgBacktrackTime=0.1851

274PH5.txt Time=Infinitys Backtracks=7480 Assignments=7620 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1739.2 Avg Assignments: 1806.2

275 [('ForwardChecking', 'NKT', 'ArcConsistency', 'NKD'), 'DH', 'None']

275PE1.txt Time=0.055849552154541016s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05585

275PE2.txt Time=0.07654266357421875s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.03827

275PE3.txt Time=0.16630179882049562s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04158

275PE4.txt Time=0.09242558479309082s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01320

275PE5.txt Time=0.06683003902435303s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.009547

Solution:5/5

:Avg runtime: 0.09158 Avg Backtracks: 4.2 Avg Assignments: 5.6

275PM1.txt Time=Infinitys Backtracks=1177 Assignments=1185 Solved=False AvgBacktrackTime=0

275PM2.txt Time=Infinitys Backtracks=1263 Assignments=1282 Solved=False AvgBacktrackTime=0

275PM3.txt Time=Infinitys Backtracks=1321 Assignments=1339 Solved=False AvgBacktrackTime=0

275PM4.txt Time=Infinitys Backtracks=1314 Assignments=1334 Solved=False AvgBacktrackTime=0

275PM5.txt Time=15.369856774806976s Backtracks=270 Assignments=274 Solved=True

AvgBacktrackTime=0.05693

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1069.0 Avg Assignments: 1082.8

275PH1.txt Time=Infinitys Backtracks=1731 Assignments=1854 Solved=False AvgBacktrackTime=0

275PH2.txt Time=6.685558080673218s Backtracks=36 Assignments=41 Solved=True

AvgBacktrackTime=0.1857

275PH3.txt Time=Infinitys Backtracks=4074 Assignments=4094 Solved=False AvgBacktrackTime=0

275PH4.txt Time=Infinitys Backtracks=4961 Assignments=4970 Solved=False AvgBacktrackTime=0

275PH5.txt Time=Infinitys Backtracks=49610 Assignments=49700 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12082.4 Avg Assignments: 12131.8

276 [('ForwardChecking', 'NKT', 'ArcConsistency', 'NKD'), 'DH', 'LCV']

276PE1.txt Time=0.055631422996521s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05563

276PE2.txt Time=0.07593379020690919s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

276PE3.txt Time=0.11880567073822021s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05940

276PE4.txt Time=0.09076504707336426s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04538

276PE5.txt Time=0.07140717506408692s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03570

Solution:5/5

:Avg runtime: 0.08252 Avg Backtracks: 1.4 Avg Assignments: 2.8

276PM1.txt Time=Infinitys Backtracks=1146 Assignments=1152 Solved=False AvgBacktrackTime=0

276PM2.txt Time=Infinitys Backtracks=1092 Assignments=1115 Solved=False AvgBacktrackTime=0

276PM3.txt Time=48.383000791072845s Backtracks=872 Assignments=897 Solved=True  
AvgBacktrackTime=0.05549

276PM4.txt Time=Infinitys Backtracks=1204 Assignments=1231 Solved=False AvgBacktrackTime=0

276PM5.txt Time=20.50533026456833s Backtracks=363 Assignments=367 Solved=True  
AvgBacktrackTime=0.05649

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 935.4 Avg Assignments: 952.4

276PH1.txt Time=Infinitys Backtracks=1367 Assignments=1509 Solved=False AvgBacktrackTime=0

276PH2.txt Time=6.629535436630249s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.1792

276PH3.txt Time=Infinitys Backtracks=3951 Assignments=3967 Solved=False AvgBacktrackTime=0

276PH4.txt Time=Infinitys Backtracks=4114 Assignments=4132 Solved=False AvgBacktrackTime=0

276PH5.txt Time=Infinitys Backtracks=41140 Assignments=41320 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 10121.8 Avg Assignments: 10194.0

277 [('ForwardChecking', 'NKT', 'NKD', 'ArcConsistency'), 'None', 'None']

277PE1.txt Time=0.03750441074371338s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01250

277PE2.txt Time=0.08923859596252441s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02975

277PE3.txt Time=0.1607612133026123s Backtracks=6 Assignments=8 Solved=True  
AvgBacktrackTime=0.02679

277PE4.txt Time=0.044358444213867185s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

277PE5.txt Time=0.05014510154724121s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01254

Solution:5/5

:Avg runtime: 0.0764 Avg Backtracks: 3.2 Avg Assignments: 4.6

277PM1.txt Time=0.5199688673019409s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.08666

277PM2.txt Time=Infinitys Backtracks=720 Assignments=744 Solved=False AvgBacktrackTime=0

277PM3.txt Time=1.428546965122223s Backtracks=8 Assignments=24 Solved=True  
AvgBacktrackTime=0.1786

277PM4.txt Time=2.1647006273269653s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.082

277PM5.txt Time=1.6373350620269775s Backtracks=29 Assignments=34 Solved=True  
AvgBacktrackTime=0.05646

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 153.0 Avg Assignments: 169.2

277PH1.txt Time=25.253255605697632s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=1.403

277PH2.txt Time=1.1428403854370117s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2286

277PH3.txt Time=209.81700491905212s Backtracks=980 Assignments=989 Solved=True  
AvgBacktrackTime=0.2141

277PH4.txt Time=395.93347334861755s Backtracks=2114 Assignments=2125 Solved=True  
AvgBacktrackTime=0.1873

277PH5.txt Time=Infinitys Backtracks=21140 Assignments=21250 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 4851.4 Avg Assignments: 4907.6

278 [('ForwardChecking', 'NKT', 'NKD', 'ArcConsistency'), 'None', 'LCV']

278PE1.txt Time=0.037687039375305174s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

278PE2.txt Time=0.10917081832885742s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05459

278PE3.txt Time=0.16245217323303224s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.03249

278PE4.txt Time=0.04487612247467041s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

278PE5.txt Time=0.03661048412322998s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.07818 Avg Backtracks: 1.4 Avg Assignments: 2.8

278PM1.txt Time=0.4004850387573242s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.4005

278PM2.txt Time=1.7438871264457703s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

278PM3.txt Time=1.838940680027008s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.6130

278PM4.txt Time=Infinitys Backtracks=894 Assignments=922 Solved=False AvgBacktrackTime=0

278PM5.txt Time=1.6506913304328918s Backtracks=23 Assignments=28 Solved=True  
AvgBacktrackTime=0.07177

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 184.2 Avg Assignments: 202.2

278PH1.txt Time=23.324439764022827s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.592

278PH2.txt Time=1.8535585403442383s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2648

278PH3.txt Time=189.14876008033752s Backtracks=946 Assignments=955 Solved=True  
AvgBacktrackTime=0.1999

278PH4.txt Time=149.54184079170227s Backtracks=940 Assignments=951 Solved=True  
AvgBacktrackTime=0.1591

278PH5.txt Time=Infinitys Backtracks=9400 Assignments=9510 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2260.4 Avg Assignments: 2317.4

279 [(['ForwardChecking', 'NKT', 'NKD', 'ArcConsistency'), 'MRV', 'None']

279PE1.txt Time=0.03747513294219971s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01249



279PE2.txt Time=0.0895719051361084s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02986

279PE3.txt Time=0.14579558372497559s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.02916

279PE4.txt Time=0.044364404678344724s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

279PE5.txt Time=0.036404991149902345s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.009101

Solution:5/5

:Avg runtime: 0.07074 Avg Backtracks: 3.0 Avg Assignments: 4.4

279PM1.txt Time=0.38118982315063477s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1906

279PM2.txt Time=2.1638407111167908s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3091

279PM3.txt Time=2.81623375415802s Backtracks=16 Assignments=41 Solved=True  
AvgBacktrackTime=0.1760

279PM4.txt Time=2.819886028766632s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.820

279PM5.txt Time=3.468784987926483s Backtracks=53 Assignments=57 Solved=True  
AvgBacktrackTime=0.06545

Solution:5/5

:Avg runtime: 2.33 Avg Backtracks: 15.8 Avg Assignments: 36.6

279PH1.txt Time=24.95949149131775s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.96

279PH2.txt Time=1.2340490818023682s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2468

279PH3.txt Time=185.7753894329071s Backtracks=892 Assignments=900 Solved=True  
AvgBacktrackTime=0.2083

279PH4.txt Time=48.77853512763977s Backtracks=288 Assignments=302 Solved=True  
AvgBacktrackTime=0.1694

279PH5.txt Time=Infinitys Backtracks=3168 Assignments=3186 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 870.8 Avg Assignments: 912.0

280 [('ForwardChecking', 'NKT', 'NKD', 'ArcConsistency'), 'MRV', 'LCV']

280PE1.txt Time=0.03715407848358154s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

280PE2.txt Time=0.10950698852539062s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05475

280PE3.txt Time=0.15556249618530274s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03889

280PE4.txt Time=0.04462718963623047s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

280PE5.txt Time=0.03678297996520996s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.07674 Avg Backtracks: 1.2 Avg Assignments: 2.6

280PM1.txt Time=0.4609668254852295s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2305

280PM2.txt Time=2.388634741306305s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.4777

280PM3.txt Time=1.951409637928009s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

280PM4.txt Time=3.2296079993247986s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8074

280PM5.txt Time=3.5223403573036194s Backtracks=47 Assignments=51 Solved=True  
AvgBacktrackTime=0.07494

Solution:5/5

:Avg runtime: 2.31 Avg Backtracks: 11.6 Avg Assignments: 34.6

280PH1.txt Time=26.305262565612793s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=26.31

280PH2.txt Time=1.5295443534851074s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.3824

280PH3.txt Time=77.96558690071106s Backtracks=372 Assignments=380 Solved=True  
AvgBacktrackTime=0.2096

280PH4.txt Time=116.1746506690979s Backtracks=603 Assignments=617 Solved=True  
AvgBacktrackTime=0.1927

280PH5.txt Time=Infinitys Backtracks=6030 Assignments=6170 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1402.0 Avg Assignments: 1469.0

281 [(['ForwardChecking', 'NKT', 'NKD', 'ArcConsistency'), 'DH', 'None']

281PE1.txt Time=0.05231385231018067s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05231

281PE2.txt Time=0.0420058012008667s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02100

281PE3.txt Time=0.17413802146911622s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04353

281PE4.txt Time=0.08164854049682617s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01166

281PE5.txt Time=0.0668029546737671s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.009543

Solution:5/5

:Avg runtime: 0.08338 Avg Backtracks: 4.2 Avg Assignments: 5.4

281PM1.txt Time=Infinitys Backtracks=1119 Assignments=1124 Solved=False AvgBacktrackTime=0

281PM2.txt Time=Infinitys Backtracks=1143 Assignments=1160 Solved=False AvgBacktrackTime=0

281PM3.txt Time=Infinitys Backtracks=1178 Assignments=1195 Solved=False AvgBacktrackTime=0

281PM4.txt Time=Infinitys Backtracks=1264 Assignments=1287 Solved=False AvgBacktrackTime=0

281PM5.txt Time=10.775586366653442s Backtracks=165 Assignments=169 Solved=True  
AvgBacktrackTime=0.06531

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 973.8 Avg Assignments: 987.0

281PH1.txt Time=Infinitys Backtracks=1722 Assignments=1842 Solved=False AvgBacktrackTime=0

281PH2.txt Time=5.984181642532349s Backtracks=29 Assignments=33 Solved=True  
AvgBacktrackTime=0.2064

281PH3.txt Time=Infinitys Backtracks=3596 Assignments=3613 Solved=False AvgBacktrackTime=0

281PH4.txt Time=Infinitys Backtracks=3698 Assignments=3710 Solved=False AvgBacktrackTime=0

281PH5.txt Time=Infinitys Backtracks=36980 Assignments=37100 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 9205.0 Avg Assignments: 9259.6

282 [('ForwardChecking', 'NKT', 'NKD', 'ArcConsistency'), 'DH', 'LCV']

282PE1.txt Time=0.05199737548828125s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05200

282PE2.txt Time=0.04158926010131836s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

282PE3.txt Time=0.10001335144042969s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1000

282PE4.txt Time=0.07816548347473144s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03908

282PE5.txt Time=0.06627302169799805s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03314

Solution:5/5

:Avg runtime: 0.06762 Avg Backtracks: 1.2 Avg Assignments: 2.4

282PM1.txt Time=Infinitys Backtracks=1103 Assignments=1110 Solved=False AvgBacktrackTime=0

282PM2.txt Time=Infinitys Backtracks=1059 Assignments=1081 Solved=False AvgBacktrackTime=0

282PM3.txt Time=45.897936284542084s Backtracks=785 Assignments=810 Solved=True  
AvgBacktrackTime=0.05847

282PM4.txt Time=Infinitys Backtracks=985 Assignments=1015 Solved=False AvgBacktrackTime=0

282PM5.txt Time=14.267098069190979s Backtracks=217 Assignments=221 Solved=True  
AvgBacktrackTime=0.06575

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 829.8 Avg Assignments: 847.4

282PH1.txt Time=Infinitys Backtracks=1372 Assignments=1513 Solved=False AvgBacktrackTime=0

282PH2.txt Time=2.206218719482422s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.3677

282PH3.txt Time=Infinitys Backtracks=3504 Assignments=3516 Solved=False AvgBacktrackTime=0

282PH4.txt Time=Infinitys Backtracks=3602 Assignments=3619 Solved=False AvgBacktrackTime=0

282PH5.txt Time=Infinitys Backtracks=36020 Assignments=36190 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 8900.8 Avg Assignments: 8969.6

283 [('ArcConsistency', 'ForwardChecking', 'NKD', 'NKT'), 'None', 'None']

283PE1.txt Time=0.1197425365447998s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03991

283PE2.txt Time=0.1929176092147827s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06431

283PE3.txt Time=0.468841552734375s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.04688

283PE4.txt Time=0.18832757472991943s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

283PE5.txt Time=0.11269946098327636s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02817

Solution:5/5

:Avg runtime: 0.2164 Avg Backtracks: 4.0 Avg Assignments: 5.8

283PM1.txt Time=0.9783130884170532s Backtracks=14 Assignments=20 Solved=True  
AvgBacktrackTime=0.06988

283PM2.txt Time=Infinitys Backtracks=902 Assignments=922 Solved=False AvgBacktrackTime=0

283PM3.txt Time=2.0161428451538086s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.1186

283PM4.txt Time=2.4874250292778015s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.244

283PM5.txt Time=2.7442938089370728s Backtracks=40 Assignments=45 Solved=True  
AvgBacktrackTime=0.06861

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 195.0 Avg Assignments: 211.0

283PH1.txt Time=30.580281019210815s Backtracks=65 Assignments=212 Solved=True  
AvgBacktrackTime=0.4705

283PH2.txt Time=3.123805522918701s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.3124

283PH3.txt Time=228.8804636001587s Backtracks=1292 Assignments=1302 Solved=True  
AvgBacktrackTime=0.1772

283PH4.txt Time=463.25579047203064s Backtracks=3116 Assignments=3127 Solved=True  
AvgBacktrackTime=0.1487

283PH5.txt Time=Infinitys Backtracks=31160 Assignments=31270 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7128.6 Avg Assignments: 7185.2

284 [('ArcConsistency', 'ForwardChecking', 'NKD', 'NKT'), 'None', 'LCV']

284PE1.txt Time=0.11871094703674316s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

284PE2.txt Time=0.2061568021774292s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1031

284PE3.txt Time=0.4218477487564087s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.05273

284PE4.txt Time=0.18606104850769042s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

284PE5.txt Time=0.11316752433776855s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.2092 Avg Backtracks: 2.0 Avg Assignments: 3.8

284PM1.txt Time=0.7462536096572876s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.7463

284PM2.txt Time=2.0506733655929565s Backtracks=1 Assignments=28 Solved=True  
AvgBacktrackTime=2.051

284PM3.txt Time=2.8156649470329285s Backtracks=21 Assignments=49 Solved=True  
AvgBacktrackTime=0.1341

284PM4.txt Time=Infinitys Backtracks=981 Assignments=1009 Solved=False AvgBacktrackTime=0

284PM5.txt Time=3.0367583632469177s Backtracks=38 Assignments=43 Solved=True  
AvgBacktrackTime=0.07991

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 208.4 Avg Assignments: 227.2

284PH1.txt Time=25.396191835403442s Backtracks=30 Assignments=181 Solved=True  
AvgBacktrackTime=0.8465

284PH2.txt Time=4.515825271606445s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.2509

284PH3.txt Time=215.37053871154785s Backtracks=1283 Assignments=1293 Solved=True  
AvgBacktrackTime=0.1679

284PH4.txt Time=170.92593955993652s Backtracks=1354 Assignments=1365 Solved=True  
AvgBacktrackTime=0.1262

284PH5.txt Time=Infinitys Backtracks=13540 Assignments=13650 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3245.0 Avg Assignments: 3302.4

285 [['ArcConsistency', 'ForwardChecking', 'NKD', 'NKT'), 'MRV', 'None']

285PE1.txt Time=0.11945397853851318s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03982

285PE2.txt Time=0.18962352275848388s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06321



285PE3.txt Time=0.3863887548446655s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.06440

285PE4.txt Time=0.15235514640808107s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1524

285PE5.txt Time=0.11288511753082275s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02822

Solution:5/5

:Avg runtime: 0.1922 Avg Backtracks: 3.4 Avg Assignments: 5.2

285PM1.txt Time=0.8666281700134277s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1733

285PM2.txt Time=2.5091689229011536s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3585

285PM3.txt Time=3.6140105724334717s Backtracks=26 Assignments=53 Solved=True  
AvgBacktrackTime=0.1390

285PM4.txt Time=3.196842908859253s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=3.197

285PM5.txt Time=5.272042453289032s Backtracks=73 Assignments=78 Solved=True  
AvgBacktrackTime=0.07222

Solution:5/5

:Avg runtime: 3.092 Avg Backtracks: 22.4 Avg Assignments: 44.2

285PH1.txt Time=26.02172541618347s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=26.02

285PH2.txt Time=3.2903785705566406s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.4701

285PH3.txt Time=206.5851399898529s Backtracks=1097 Assignments=1107 Solved=True  
AvgBacktrackTime=0.1883

285PH4.txt Time=61.90706729888916s Backtracks=383 Assignments=398 Solved=True  
AvgBacktrackTime=0.1616

285PH5.txt Time=Infinitys Backtracks=3830 Assignments=3980 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1063.6 Avg Assignments: 1132.2

286 [('ArcConsistency', 'ForwardChecking', 'NKD', 'NKT'), 'MRV', 'LCV']

286PE1.txt Time=0.11992034912109376s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

286PE2.txt Time=0.20871517658233643s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1044

286PE3.txt Time=0.3715730428695679s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.09289

286PE4.txt Time=0.14615979194641113s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

286PE5.txt Time=0.11318686008453369s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1919 Avg Backtracks: 1.2 Avg Assignments: 3.0

286PM1.txt Time=0.918717086315155s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1837

286PM2.txt Time=2.885686457157135s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.3206

286PM3.txt Time=2.5188027024269104s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.8396

286PM4.txt Time=3.6533860564231873s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.9133

286PM5.txt Time=5.488863408565521s Backtracks=69 Assignments=74 Solved=True  
AvgBacktrackTime=0.07955

Solution:5/5

:Avg runtime: 3.092 Avg Backtracks: 18.0 Avg Assignments: 42.4

286PH1.txt Time=27.553502559661865s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

286PH2.txt Time=3.962127685546875s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.3962

286PH3.txt Time=83.27312302589417s Backtracks=455 Assignments=465 Solved=True  
AvgBacktrackTime=0.1830

286PH4.txt Time=143.19288563728333s Backtracks=855 Assignments=870 Solved=True  
AvgBacktrackTime=0.1675

286PH5.txt Time=Infinitys Backtracks=8550 Assignments=8700 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1974.0 Avg Assignments: 2044.2

287 [('ArcConsistency', 'ForwardChecking', 'NKD', 'NKT'), 'DH', 'None']

287PE1.txt Time=0.15703139305114747s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1570

287PE2.txt Time=0.21717417240142822s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.04343

287PE3.txt Time=0.31231591701507566s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.07808

287PE4.txt Time=0.26279873847961427s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03754

287PE5.txt Time=0.20143654346466064s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02878

Solution:5/5

:Avg runtime: 0.2302 Avg Backtracks: 4.8 Avg Assignments: 6.4

287PM1.txt Time=Infinitys Backtracks=1292 Assignments=1301 Solved=False AvgBacktrackTime=0  
287PM2.txt Time=Infinitys Backtracks=1645 Assignments=1659 Solved=False AvgBacktrackTime=0  
287PM3.txt Time=Infinitys Backtracks=1414 Assignments=1434 Solved=False AvgBacktrackTime=0  
287PM4.txt Time=Infinitys Backtracks=1284 Assignments=1307 Solved=False AvgBacktrackTime=0  
287PM5.txt Time=18.21186727285385s Backtracks=387 Assignments=391 Solved=True  
AvgBacktrackTime=0.04706

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1204.4 Avg Assignments: 1218.4

287PH1.txt Time=Infinitys Backtracks=1514 Assignments=1637 Solved=False AvgBacktrackTime=0  
287PH2.txt Time=3.346015453338623s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.3042  
287PH3.txt Time=Infinitys Backtracks=4582 Assignments=4595 Solved=False AvgBacktrackTime=0  
287PH4.txt Time=Infinitys Backtracks=5053 Assignments=5065 Solved=False AvgBacktrackTime=0  
287PH5.txt Time=Infinitys Backtracks=50530 Assignments=50650 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12338.0 Avg Assignments: 12392.6

288 [['ArcConsistency', 'ForwardChecking', 'NKD', 'NKT'), 'DH', 'LCV']

288PE1.txt Time=0.15678656101226807s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1568  
288PE2.txt Time=0.18887789249420167s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.1889  
288PE3.txt Time=0.25830416679382323s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1292

288PE4.txt Time=0.260990309715271s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1305

288PE5.txt Time=0.18962810039520264s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09481

Solution:5/5

:Avg runtime: 0.211 Avg Backtracks: 1.6 Avg Assignments: 3.2

288PM1.txt Time=Infinitys Backtracks=1260 Assignments=1269 Solved=False AvgBacktrackTime=0

288PM2.txt Time=Infinitys Backtracks=1252 Assignments=1274 Solved=False AvgBacktrackTime=0

288PM3.txt Time=Infinitys Backtracks=1240 Assignments=1259 Solved=False AvgBacktrackTime=0

288PM4.txt Time=Infinitys Backtracks=1070 Assignments=1102 Solved=False AvgBacktrackTime=0

288PM5.txt Time=23.05644202232361s Backtracks=510 Assignments=514 Solved=True  
AvgBacktrackTime=0.04521

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1066.4 Avg Assignments: 1083.6

288PH1.txt Time=Infinitys Backtracks=1361 Assignments=1503 Solved=False AvgBacktrackTime=0

288PH2.txt Time=4.143144607543945s Backtracks=15 Assignments=20 Solved=True  
AvgBacktrackTime=0.2762

288PH3.txt Time=Infinitys Backtracks=4288 Assignments=4303 Solved=False AvgBacktrackTime=0

288PH4.txt Time=Infinitys Backtracks=4927 Assignments=4940 Solved=False AvgBacktrackTime=0

288PH5.txt Time=Infinitys Backtracks=49270 Assignments=49400 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11972.2 Avg Assignments: 12033.2

289 [['ArcConsistency', 'ForwardChecking', 'NKT', 'NKD'], 'None', 'None']

289PE1.txt Time=0.11999833583831787s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.04000

289PE2.txt Time=0.19208891391754152s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06403

289PE3.txt Time=0.4295126676559448s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.04295

289PE4.txt Time=0.1506695032119751s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

289PE5.txt Time=0.11048693656921386s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02762

Solution:5/5

:Avg runtime: 0.2006 Avg Backtracks: 4.0 Avg Assignments: 5.8

289PM1.txt Time=1.0929526686668396s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.06072

289PM2.txt Time=Infinitys Backtracks=912 Assignments=935 Solved=False AvgBacktrackTime=0

289PM3.txt Time=1.8864338994026184s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.1715

289PM4.txt Time=2.5993822813034058s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=1.300

289PM5.txt Time=2.923846423625946s Backtracks=48 Assignments=54 Solved=True  
AvgBacktrackTime=0.06091

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 198.2 Avg Assignments: 215.2

289PH1.txt Time=41.5517373085022s Backtracks=74 Assignments=221 Solved=True  
AvgBacktrackTime=0.5615

289PH2.txt Time=2.8181746006011963s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.5636

289PH3.txt Time=242.2254912853241s Backtracks=1400 Assignments=1410 Solved=True  
AvgBacktrackTime=0.1730

289PH4.txt Time=502.6456353664398s Backtracks=3423 Assignments=3434 Solved=True  
AvgBacktrackTime=0.1468

289PH5.txt Time=Infinitys Backtracks=34230 Assignments=34340 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7826.4 Avg Assignments: 7883.0

290 [['ArcConsistency', 'ForwardChecking', 'NKT', 'NKD'], 'None', 'LCV']

290PE1.txt Time=0.12021734714508056s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

290PE2.txt Time=0.20617597103118895s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1031

290PE3.txt Time=0.4120307445526123s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.05150

290PE4.txt Time=0.15105257034301758s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

290PE5.txt Time=0.11009325981140136s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1999 Avg Backtracks: 2.0 Avg Assignments: 3.8

290PM1.txt Time=0.8082714080810547s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.2021

290PM2.txt Time=2.294791042804718s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=2.295

290PM3.txt Time=2.2800642251968384s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.2533

290PM4.txt Time=Infinitys Backtracks=988 Assignments=1016 Solved=False AvgBacktrackTime=0

290PM5.txt Time=3.134423017501831s Backtracks=47 Assignments=53 Solved=True  
AvgBacktrackTime=0.06669

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 209.8 Avg Assignments: 229.4

290PH1.txt Time=28.862225770950317s Backtracks=33 Assignments=184 Solved=True  
AvgBacktrackTime=0.8746

290PH2.txt Time=3.988651752471924s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.3324

290PH3.txt Time=178.63260626792908s Backtracks=1086 Assignments=1096 Solved=True  
AvgBacktrackTime=0.1645

290PH4.txt Time=200.43849301338196s Backtracks=1633 Assignments=1644 Solved=True  
AvgBacktrackTime=0.1227

290PH5.txt Time=Infinitys Backtracks=16330 Assignments=16440 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3818.8 Avg Assignments: 3876.2

291 [(['ArcConsistency', 'ForwardChecking', 'NKT', 'NKD'), 'MRV', 'None']

291PE1.txt Time=0.11871888637542724s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03957

291PE2.txt Time=0.19198215007781982s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06399

291PE3.txt Time=0.40021772384643556s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.06670

291PE4.txt Time=0.15071489810943603s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

291PE5.txt Time=0.10981969833374024s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02745



Solution:5/5

:Avg runtime: 0.1943 Avg Backtracks: 3.2 Avg Assignments: 5.0

291PM1.txt Time=0.7922170758247375s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1981

291PM2.txt Time=2.4272871017456055s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3468

291PM3.txt Time=3.3448983430862427s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1454

291PM4.txt Time=3.2412039637565613s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=3.241

291PM5.txt Time=4.9432053565979s Backtracks=72 Assignments=77 Solved=True  
AvgBacktrackTime=0.06866

Solution:5/5

:Avg runtime: 2.95 Avg Backtracks: 21.4 Avg Assignments: 43.0

291PH1.txt Time=29.67953658103943s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=29.68

291PH2.txt Time=2.7507224082946777s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.6877

291PH3.txt Time=213.48242568969727s Backtracks=1174 Assignments=1182 Solved=True  
AvgBacktrackTime=0.1818

291PH4.txt Time=59.42937922477722s Backtracks=359 Assignments=374 Solved=True  
AvgBacktrackTime=0.1655

291PH5.txt Time=Infinitys Backtracks=3590 Assignments=3740 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1025.6 Avg Assignments: 1093.6

292 [['ArcConsistency', 'ForwardChecking', 'NKT', 'NKD'), 'MRV', 'LCV']

292PE1.txt Time=0.12020528316497803s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

292PE2.txt Time=0.20654580593109131s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1033

292PE3.txt Time=0.38181581497192385s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.09545

292PE4.txt Time=0.15099649429321288s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

292PE5.txt Time=0.10977373123168946s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1939 Avg Backtracks: 1.2 Avg Assignments: 3.0

292PM1.txt Time=0.902076005935669s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1804

292PM2.txt Time=2.75805127620697s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.3448

292PM3.txt Time=2.301050901412964s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

292PM4.txt Time=3.635618269443512s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.9089

292PM5.txt Time=5.07475870847702s Backtracks=67 Assignments=72 Solved=True  
AvgBacktrackTime=0.07574

Solution:5/5

:Avg runtime: 2.934 Avg Backtracks: 16.8 Avg Assignments: 40.8

292PH1.txt Time=31.072974920272827s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

292PH2.txt Time=3.26615047454834s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.5444

292PH3.txt Time=89.62846398353577s Backtracks=507 Assignments=515 Solved=True  
AvgBacktrackTime=0.1768

292PH4.txt Time=140.15196919441223s Backtracks=801 Assignments=816 Solved=True  
AvgBacktrackTime=0.1750

292PH5.txt Time=Infinitys Backtracks=8010 Assignments=8160 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1864.8 Avg Assignments: 1934.4

293 [('ArcConsistency', 'ForwardChecking', 'NKT', 'NKD'), 'DH', 'None']

293PE1.txt Time=0.15682039260864258s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1568

293PE2.txt Time=0.14619598388671876s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.07310

293PE3.txt Time=0.36954483985900877s Backtracks=11 Assignments=13 Solved=True  
AvgBacktrackTime=0.03359

293PE4.txt Time=0.28904526233673095s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.02890

293PE5.txt Time=0.18956127166748046s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02708

Solution:5/5

:Avg runtime: 0.2302 Avg Backtracks: 6.2 Avg Assignments: 7.6

293PM1.txt Time=Infinitys Backtracks=1297 Assignments=1308 Solved=False AvgBacktrackTime=0

293PM2.txt Time=Infinitys Backtracks=1414 Assignments=1433 Solved=False AvgBacktrackTime=0

293PM3.txt Time=Infinitys Backtracks=1319 Assignments=1336 Solved=False AvgBacktrackTime=0

293PM4.txt Time=Infinitys Backtracks=1314 Assignments=1340 Solved=False AvgBacktrackTime=0

293PM5.txt Time=15.839311182498932s Backtracks=348 Assignments=353 Solved=True  
AvgBacktrackTime=0.04552

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1138.4 Avg Assignments: 1154.0

293PH1.txt Time=Infinitys Backtracks=2057 Assignments=2181 Solved=False AvgBacktrackTime=0

293PH2.txt Time=6.26639199256897s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.1694

293PH3.txt Time=Infinitys Backtracks=4766 Assignments=4785 Solved=False AvgBacktrackTime=0

293PH4.txt Time=Infinitys Backtracks=4923 Assignments=4935 Solved=False AvgBacktrackTime=0

293PH5.txt Time=Infinitys Backtracks=49230 Assignments=49350 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12202.6 Avg Assignments: 12258.6

294 [('ArcConsistency', 'ForwardChecking', 'NKT', 'NKD'), 'DH', 'LCV']

294PE1.txt Time=0.15547652244567872s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1555

294PE2.txt Time=0.1452491521835327s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

294PE3.txt Time=0.28708620071411134s Backtracks=7 Assignments=9 Solved=True  
AvgBacktrackTime=0.04101

294PE4.txt Time=0.2879952430725098s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.05760

294PE5.txt Time=0.1926318883895874s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09632

Solution:5/5

:Avg runtime: 0.2136 Avg Backtracks: 3.0 Avg Assignments: 4.4

294PM1.txt Time=Infinitys Backtracks=1259 Assignments=1264 Solved=False AvgBacktrackTime=0

294PM2.txt Time=Infinitys Backtracks=1122 Assignments=1143 Solved=False AvgBacktrackTime=0

294PM3.txt Time=57.165502190589905s Backtracks=1128 Assignments=1153 Solved=True  
AvgBacktrackTime=0.05068

294PM4.txt Time=Infinitys Backtracks=1169 Assignments=1201 Solved=False AvgBacktrackTime=0

294PM5.txt Time=21.49726492166519s Backtracks=464 Assignments=469 Solved=True  
AvgBacktrackTime=0.04633

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1028.4 Avg Assignments: 1046.0

294PH1.txt Time=Infinitys Backtracks=1448 Assignments=1589 Solved=False AvgBacktrackTime=0

294PH2.txt Time=6.1662304401397705s Backtracks=38 Assignments=43 Solved=True  
AvgBacktrackTime=0.1623

294PH3.txt Time=Infinitys Backtracks=4366 Assignments=4380 Solved=False AvgBacktrackTime=0

294PH4.txt Time=Infinitys Backtracks=4390 Assignments=4407 Solved=False AvgBacktrackTime=0

294PH5.txt Time=Infinitys Backtracks=43900 Assignments=44070 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 10828.4 Avg Assignments: 10897.8

295 [('ArcConsistency', 'NKD', 'ForwardChecking', 'NKT'), 'None', 'None']

295PE1.txt Time=0.11913652420043945s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03971

295PE2.txt Time=0.18938848972320557s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06313

295PE3.txt Time=0.4099215745925903s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.04099

295PE4.txt Time=0.14527535438537598s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

295PE5.txt Time=0.11058487892150878s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02765

Solution:5/5

:Avg runtime: 0.1949 Avg Backtracks: 4.0 Avg Assignments: 5.8

295PM1.txt Time=0.8400013446807861s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.1400

295PM2.txt Time=Infinitys Backtracks=925 Assignments=949 Solved=False AvgBacktrackTime=0

295PM3.txt Time=1.8215839266777039s Backtracks=13 Assignments=30 Solved=True  
AvgBacktrackTime=0.1401

295PM4.txt Time=2.406555712223053s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.203

295PM5.txt Time=2.480740010738373s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.06705

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 196.6 Avg Assignments: 213.4

295PH1.txt Time=29.108986139297485s Backtracks=60 Assignments=207 Solved=True  
AvgBacktrackTime=0.4851

295PH2.txt Time=3.1682915687561035s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.3168

295PH3.txt Time=214.22136116027832s Backtracks=1197 Assignments=1207 Solved=True  
AvgBacktrackTime=0.1790

295PH4.txt Time=403.0432107448578s Backtracks=2696 Assignments=2707 Solved=True  
AvgBacktrackTime=0.1495

295PH5.txt Time=Infinitys Backtracks=26960 Assignments=27070 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6184.6 Avg Assignments: 6241.2

296 [('ArcConsistency', 'NKD', 'ForwardChecking', 'NKT'), 'None', 'LCV']

296PE1.txt Time=0.11948621273040771s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

296PE2.txt Time=0.2052159309387207s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1026

296PE3.txt Time=0.4089966297149658s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.05112

296PE4.txt Time=0.1458331823348999s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

296PE5.txt Time=0.11142911911010742s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1982 Avg Backtracks: 2.0 Avg Assignments: 3.8

296PM1.txt Time=0.7322153449058533s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.7322

296PM2.txt Time=1.9876503348350525s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

296PM3.txt Time=2.4979557394981384s Backtracks=10 Assignments=38 Solved=True  
AvgBacktrackTime=0.2498

296PM4.txt Time=Infinitys Backtracks=1055 Assignments=1085 Solved=False AvgBacktrackTime=0

296PM5.txt Time=2.7225428223609924s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.07779

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 220.2 Avg Assignments: 239.4

296PH1.txt Time=24.60652804374695s Backtracks=26 Assignments=177 Solved=True  
AvgBacktrackTime=0.9464

296PH2.txt Time=4.375451564788818s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.2431

296PH3.txt Time=194.31105136871338s Backtracks=1149 Assignments=1159 Solved=True  
AvgBacktrackTime=0.1691

296PH4.txt Time=145.3249409198761s Backtracks=1170 Assignments=1181 Solved=True  
AvgBacktrackTime=0.1242

296PH5.txt Time=Infinitys Backtracks=11700 Assignments=11810 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2812.6 Avg Assignments: 2870.0

297 [('ArcConsistency', 'NKD', 'ForwardChecking', 'NKT'), 'MRV', 'None']

297PE1.txt Time=0.11919956207275391s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03973

297PE2.txt Time=0.18838489055633545s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06279

297PE3.txt Time=0.3522561311721802s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.05871

297PE4.txt Time=0.14540345668792726s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

297PE5.txt Time=0.11216721534729004s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02804

Solution:5/5

:Avg runtime: 0.1835 Avg Backtracks: 3.2 Avg Assignments: 5.0

297PM1.txt Time=0.8036280870437622s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.2009



297PM2.txt Time=2.499591112136841s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3571

297PM3.txt Time=3.375095307826996s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1607

297PM4.txt Time=3.164703607559204s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=3.165

297PM5.txt Time=5.2357823848724365s Backtracks=79 Assignments=83 Solved=True  
AvgBacktrackTime=0.06628

Solution:5/5

:Avg runtime: 3.016 Avg Backtracks: 22.4 Avg Assignments: 43.8

297PH1.txt Time=25.568792581558228s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=25.57

297PH2.txt Time=3.2604894638061523s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.4658

297PH3.txt Time=199.1134901046753s Backtracks=1056 Assignments=1065 Solved=True  
AvgBacktrackTime=0.1886

297PH4.txt Time=56.914085388183594s Backtracks=368 Assignments=382 Solved=True  
AvgBacktrackTime=0.1547

297PH5.txt Time=Infinitys Backtracks=3680 Assignments=3820 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1022.4 Avg Assignments: 1088.6

298 [(['ArcConsistency', 'NKD', 'ForwardChecking', 'NKT'), 'MRV', 'LCV']

298PE1.txt Time=0.12023491859436035s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

298PE2.txt Time=0.2032475471496582s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1016

298PE3.txt Time=0.35242476463317873s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.08811

298PE4.txt Time=0.14582860469818115s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

298PE5.txt Time=0.11075704097747803s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1865 Avg Backtracks: 1.2 Avg Assignments: 3.0

298PM1.txt Time=0.8866399526596069s Backtracks=3 Assignments=10 Solved=True  
AvgBacktrackTime=0.2955

298PM2.txt Time=2.8605831265449524s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.3178

298PM3.txt Time=2.402858555316925s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.201

298PM4.txt Time=3.5932114124298096s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8983

298PM5.txt Time=5.551630854606628s Backtracks=76 Assignments=80 Solved=True  
AvgBacktrackTime=0.07305

Solution:5/5

:Avg runtime: 3.058 Avg Backtracks: 18.8 Avg Assignments: 42.8

298PH1.txt Time=27.305962085723877s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

298PH2.txt Time=3.7993056774139404s Backtracks=9 Assignments=15 Solved=True  
AvgBacktrackTime=0.4221

298PH3.txt Time=79.47789192199707s Backtracks=437 Assignments=446 Solved=True  
AvgBacktrackTime=0.1819

298PH4.txt Time=136.49006628990173s Backtracks=804 Assignments=818 Solved=True  
AvgBacktrackTime=0.1698

298PH5.txt Time=Infinitys Backtracks=8040 Assignments=8180 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1858.0 Avg Assignments: 1925.8

299 [('ArcConsistency', 'NKD', 'ForwardChecking', 'NKT'), 'DH', 'None']

299PE1.txt Time=0.15714895725250244s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1571

299PE2.txt Time=0.2021312713623047s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05053

299PE3.txt Time=0.3272432804107666s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.08181

299PE4.txt Time=0.24902172088623048s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03557

299PE5.txt Time=0.1893965482711792s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02706

Solution:5/5

:Avg runtime: 0.225 Avg Backtracks: 4.6 Avg Assignments: 6.4

299PM1.txt Time=Infinitys Backtracks=1365 Assignments=1370 Solved=False AvgBacktrackTime=0

299PM2.txt Time=Infinitys Backtracks=1686 Assignments=1704 Solved=False AvgBacktrackTime=0

299PM3.txt Time=Infinitys Backtracks=1383 Assignments=1401 Solved=False AvgBacktrackTime=0

299PM4.txt Time=Infinitys Backtracks=1348 Assignments=1368 Solved=False AvgBacktrackTime=0

299PM5.txt Time=14.122751593589783s Backtracks=291 Assignments=295 Solved=True  
AvgBacktrackTime=0.04853

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1214.6 Avg Assignments: 1227.6

299PH1.txt Time=Infinitys Backtracks=1648 Assignments=1769 Solved=False AvgBacktrackTime=0  
299PH2.txt Time=2.940579414367676s Backtracks=12 Assignments=17 Solved=True  
AvgBacktrackTime=0.2450  
299PH3.txt Time=Infinitys Backtracks=4914 Assignments=4930 Solved=False AvgBacktrackTime=0  
299PH4.txt Time=Infinitys Backtracks=5347 Assignments=5359 Solved=False AvgBacktrackTime=0  
299PH5.txt Time=Infinitys Backtracks=53470 Assignments=53590 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13078.2 Avg Assignments: 13133.0

300 [('ArcConsistency', 'NKD', 'ForwardChecking', 'NKT'), 'DH', 'LCV']

300PE1.txt Time=0.15560688972473144s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1556  
300PE2.txt Time=0.176999831199646s Backtracks=0 Assignments=3 Solved=True AvgBacktrackTime=0  
300PE3.txt Time=0.26013329029083254s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.2601  
300PE4.txt Time=0.24700703620910644s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1235  
300PE5.txt Time=0.1897725820541382s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09489

Solution:5/5

:Avg runtime: 0.2058 Avg Backtracks: 1.2 Avg Assignments: 3.0

300PM1.txt Time=Infinitys Backtracks=1319 Assignments=1329 Solved=False AvgBacktrackTime=0  
300PM2.txt Time=Infinitys Backtracks=1394 Assignments=1416 Solved=False AvgBacktrackTime=0  
300PM3.txt Time=53.64242523908615s Backtracks=1220 Assignments=1245 Solved=True  
AvgBacktrackTime=0.04397  
300PM4.txt Time=Infinitys Backtracks=1165 Assignments=1196 Solved=False AvgBacktrackTime=0

300PM5.txt Time=19.254304111003876s Backtracks=404 Assignments=408 Solved=True  
AvgBacktrackTime=0.04766

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1100.4 Avg Assignments: 1118.8

300PH1.txt Time=Infinitys Backtracks=1455 Assignments=1598 Solved=False AvgBacktrackTime=0

300PH2.txt Time=3.2543540000915527s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.2959

300PH3.txt Time=Infinitys Backtracks=4716 Assignments=4726 Solved=False AvgBacktrackTime=0

300PH4.txt Time=Infinitys Backtracks=4887 Assignments=4903 Solved=False AvgBacktrackTime=0

300PH5.txt Time=Infinitys Backtracks=48870 Assignments=49030 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11987.8 Avg Assignments: 12054.6

301 [['ArcConsistency', 'NKD', 'NKT', 'ForwardChecking'], 'None', 'None']

301PE1.txt Time=0.11972870826721191s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03991

301PE2.txt Time=0.1886082410812378s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06287

301PE3.txt Time=0.4110350847244263s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.04110

301PE4.txt Time=0.16920959949493408s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

301PE5.txt Time=0.10964124202728272s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02741

Solution:5/5

:Avg runtime: 0.1996 Avg Backtracks: 4.0 Avg Assignments: 5.8

301PM1.txt Time=0.8727147579193115s Backtracks=6 Assignments=12 Solved=True  
AvgBacktrackTime=0.1455

301PM2.txt Time=Infinitys Backtracks=883 Assignments=905 Solved=False AvgBacktrackTime=0

301PM3.txt Time=1.8695271611213684s Backtracks=15 Assignments=32 Solved=True  
AvgBacktrackTime=0.1246

301PM4.txt Time=2.3701387643814087s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.185

301PM5.txt Time=2.5772456526756287s Backtracks=33 Assignments=38 Solved=True  
AvgBacktrackTime=0.07810

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 187.8 Avg Assignments: 204.2

301PH1.txt Time=25.282124519348145s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=1.331

301PH2.txt Time=2.7645061016082764s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.5529

301PH3.txt Time=191.785382270813s Backtracks=1136 Assignments=1146 Solved=True  
AvgBacktrackTime=0.1688

301PH4.txt Time=384.97479939460754s Backtracks=2584 Assignments=2595 Solved=True  
AvgBacktrackTime=0.1490

301PH5.txt Time=Infinitys Backtracks=25840 Assignments=25950 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5916.8 Avg Assignments: 5973.4

302 [['ArcConsistency', 'NKD', 'NKT', 'ForwardChecking'], 'None', 'LCV']

302PE1.txt Time=0.11966044902801513s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

302PE2.txt Time=0.2026977777481079s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1013

302PE3.txt Time=0.41522490978240967s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.05190

302PE4.txt Time=0.14795241355895997s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

302PE5.txt Time=0.1114088773727417s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1994 Avg Backtracks: 2.0 Avg Assignments: 3.8

302PM1.txt Time=0.742497444152832s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.7425

302PM2.txt Time=2.0145702362060547s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

302PM3.txt Time=2.530946671962738s Backtracks=10 Assignments=38 Solved=True  
AvgBacktrackTime=0.2531

302PM4.txt Time=Infinitys Backtracks=1046 Assignments=1072 Solved=False AvgBacktrackTime=0

302PM5.txt Time=2.782430946826935s Backtracks=31 Assignments=36 Solved=True  
AvgBacktrackTime=0.08976

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 217.6 Avg Assignments: 236.0

302PH1.txt Time=23.99236297607422s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.666

302PH2.txt Time=3.686049699783325s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.3351

302PH3.txt Time=173.99497032165527s Backtracks=1094 Assignments=1104 Solved=True  
AvgBacktrackTime=0.1590

302PH4.txt Time=144.28825879096985s Backtracks=1148 Assignments=1159 Solved=True  
AvgBacktrackTime=0.1257

302PH5.txt Time=Infinitys Backtracks=11480 Assignments=11590 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2748.4 Avg Assignments: 2805.8

303 [['ArcConsistency', 'NKD', 'NKT', 'ForwardChecking'], 'MRV', 'None']

303PE1.txt Time=0.11877703666687012s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03959

303PE2.txt Time=0.18999273777008058s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06333

303PE3.txt Time=0.363059401512146s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.06051

303PE4.txt Time=0.14785993099212646s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

303PE5.txt Time=0.11282610893249512s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02821

Solution:5/5

:Avg runtime: 0.1865 Avg Backtracks: 3.2 Avg Assignments: 5.0

303PM1.txt Time=0.8053011298179626s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.2013

303PM2.txt Time=2.3664621710777283s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3381

303PM3.txt Time=3.120111882686615s Backtracks=21 Assignments=44 Solved=True  
AvgBacktrackTime=0.1486

303PM4.txt Time=3.1462310552597046s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=3.146



303PM5.txt Time=5.183726727962494s Backtracks=77 Assignments=81 Solved=True  
AvgBacktrackTime=0.06732

Solution:5/5

:Avg runtime: 2.924 Avg Backtracks: 22.0 Avg Assignments: 42.8

303PH1.txt Time=25.8632869720459s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=25.86

303PH2.txt Time=3.0184755325317383s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.6037

303PH3.txt Time=175.5190031528473s Backtracks=1036 Assignments=1045 Solved=True  
AvgBacktrackTime=0.1694

303PH4.txt Time=57.98972988128662s Backtracks=379 Assignments=394 Solved=True  
AvgBacktrackTime=0.1530

303PH5.txt Time=Infinitys Backtracks=3790 Assignments=3940 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1042.2 Avg Assignments: 1110.6

304 [(['ArcConsistency', 'NKD', 'NKT', 'ForwardChecking'), 'MRV', 'LCV']

304PE1.txt Time=0.11898367404937744s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

304PE2.txt Time=0.20233736038208008s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1012

304PE3.txt Time=0.39257566928863524s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.09814

304PE4.txt Time=0.14847736358642577s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

304PE5.txt Time=0.11131951808929444s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1947 Avg Backtracks: 1.2 Avg Assignments: 3.0

304PM1.txt Time=0.8984323143959045s Backtracks=3 Assignments=10 Solved=True  
AvgBacktrackTime=0.2995

304PM2.txt Time=2.7241819500923157s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.3027

304PM3.txt Time=2.3372855186462402s Backtracks=2 Assignments=33 Solved=True  
AvgBacktrackTime=1.169

304PM4.txt Time=3.6259454488754272s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.9065

304PM5.txt Time=5.656183660030365s Backtracks=74 Assignments=78 Solved=True  
AvgBacktrackTime=0.07643

Solution:5/5

:Avg runtime: 3.048 Avg Backtracks: 18.4 Avg Assignments: 42.2

304PH1.txt Time=27.08699893951416s Backtracks=0 Assignments=170 Solved=True  
AvgBacktrackTime=0

304PH2.txt Time=3.527268171310425s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.4409

304PH3.txt Time=75.1350371837616s Backtracks=435 Assignments=444 Solved=True  
AvgBacktrackTime=0.1727

304PH4.txt Time=129.2043011188507s Backtracks=771 Assignments=786 Solved=True  
AvgBacktrackTime=0.1676

304PH5.txt Time=Infinitys Backtracks=7710 Assignments=7860 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1784.8 Avg Assignments: 1854.8

305 [['ArcConsistency', 'NKD', 'NKT', 'ForwardChecking'], 'DH', 'None']

305PE1.txt Time=0.15607037544250488s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1561

305PE2.txt Time=0.18805232048034667s Backtracks=3 Assignments=6 Solved=True  
AvgBacktrackTime=0.06268

305PE3.txt Time=0.34071362018585205s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.08518

305PE4.txt Time=0.2487565517425537s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03554

305PE5.txt Time=0.19024808406829835s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02718

Solution:5/5

:Avg runtime: 0.2248 Avg Backtracks: 4.4 Avg Assignments: 6.2

305PM1.txt Time=Infinitys Backtracks=1449 Assignments=1453 Solved=False AvgBacktrackTime=0

305PM2.txt Time=Infinitys Backtracks=1476 Assignments=1492 Solved=False AvgBacktrackTime=0

305PM3.txt Time=Infinitys Backtracks=1442 Assignments=1462 Solved=False AvgBacktrackTime=0

305PM4.txt Time=Infinitys Backtracks=1490 Assignments=1511 Solved=False AvgBacktrackTime=0

305PM5.txt Time=15.258720457553864s Backtracks=283 Assignments=287 Solved=True  
AvgBacktrackTime=0.05392

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1228.0 Avg Assignments: 1241.0

305PH1.txt Time=Infinitys Backtracks=2054 Assignments=2178 Solved=False AvgBacktrackTime=0

305PH2.txt Time=2.562790870666504s Backtracks=8 Assignments=13 Solved=True  
AvgBacktrackTime=0.3203

305PH3.txt Time=Infinitys Backtracks=5069 Assignments=5090 Solved=False AvgBacktrackTime=0

305PH4.txt Time=Infinitys Backtracks=4739 Assignments=4753 Solved=False AvgBacktrackTime=0

305PH5.txt Time=Infinitys Backtracks=47390 Assignments=47530 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11852.0 Avg Assignments: 11912.8

306 [(['ArcConsistency', 'NKD', 'NKT', 'ForwardChecking'), 'DH', 'LCV']

306PE1.txt Time=0.15679283142089845s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1568

306PE2.txt Time=0.17968153953552246s Backtracks=0 Assignments=3 Solved=True  
AvgBacktrackTime=0

306PE3.txt Time=0.26889724731445314s Backtracks=1 Assignments=4 Solved=True  
AvgBacktrackTime=0.2689

306PE4.txt Time=0.24696650505065917s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1235

306PE5.txt Time=0.20442721843719483s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1022

Solution:5/5

:Avg runtime: 0.2114 Avg Backtracks: 1.2 Avg Assignments: 3.0

306PM1.txt Time=Infinitys Backtracks=1406 Assignments=1412 Solved=False AvgBacktrackTime=0

306PM2.txt Time=Infinitys Backtracks=1254 Assignments=1275 Solved=False AvgBacktrackTime=0

306PM3.txt Time=39.415522038936615s Backtracks=826 Assignments=852 Solved=True  
AvgBacktrackTime=0.04772

306PM4.txt Time=Infinitys Backtracks=1287 Assignments=1319 Solved=False AvgBacktrackTime=0

306PM5.txt Time=20.637939929962158s Backtracks=385 Assignments=389 Solved=True  
AvgBacktrackTime=0.05361

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1031.6 Avg Assignments: 1049.4

306PH1.txt Time=Infinitys Backtracks=1568 Assignments=1710 Solved=False AvgBacktrackTime=0

306PH2.txt Time=2.4842584133148193s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.4969

306PH3.txt Time=Infinitys Backtracks=4790 Assignments=4803 Solved=False AvgBacktrackTime=0

306PH4.txt Time=Infinitys Backtracks=4721 Assignments=4739 Solved=False AvgBacktrackTime=0

306PH5.txt Time=Infinitys Backtracks=47210 Assignments=47390 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11658.8 Avg Assignments: 11730.4

307 [('ArcConsistency', 'NKT', 'ForwardChecking', 'NKD'), 'None', 'None']

307PE1.txt Time=0.1177940845489502s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03926

307PE2.txt Time=0.18809871673583983s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06270

307PE3.txt Time=0.4276764154434204s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.04277

307PE4.txt Time=0.15069181919097902s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

307PE5.txt Time=0.14794905185699464s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.03699

Solution:5/5

:Avg runtime: 0.2064 Avg Backtracks: 4.0 Avg Assignments: 5.8

307PM1.txt Time=1.0793084502220154s Backtracks=18 Assignments=24 Solved=True  
AvgBacktrackTime=0.05996

307PM2.txt Time=Infinitys Backtracks=881 Assignments=900 Solved=False AvgBacktrackTime=0

307PM3.txt Time=1.8278319835662842s Backtracks=11 Assignments=28 Solved=True  
AvgBacktrackTime=0.1662

307PM4.txt Time=2.431063652038574s Backtracks=2 Assignments=35 Solved=True  
AvgBacktrackTime=1.216

307PM5.txt Time=2.901792049407959s Backtracks=34 Assignments=39 Solved=True  
AvgBacktrackTime=0.08535

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 189.2 Avg Assignments: 205.2

307PH1.txt Time=26.668569564819336s Backtracks=24 Assignments=171 Solved=True  
AvgBacktrackTime=1.111

307PH2.txt Time=2.744616985321045s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.5489

307PH3.txt Time=221.67670845985413s Backtracks=1222 Assignments=1232 Solved=True  
AvgBacktrackTime=0.1814

307PH4.txt Time=456.40859842300415s Backtracks=3061 Assignments=3072 Solved=True  
AvgBacktrackTime=0.1491

307PH5.txt Time=Infinitys Backtracks=30610 Assignments=30720 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6984.4 Avg Assignments: 7041.0

308 [['ArcConsistency', 'NKT', 'ForwardChecking', 'NKD'), 'None', 'LCV']

308PE1.txt Time=0.11981201171875s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

308PE2.txt Time=0.1970616102218628s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.09853

308PE3.txt Time=0.4089259386062622s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.05112

308PE4.txt Time=0.15100114345550536s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

308PE5.txt Time=0.11281445026397705s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1979 Avg Backtracks: 2.0 Avg Assignments: 3.8

308PM1.txt Time=0.8038987517356873s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.2010

308PM2.txt Time=2.3377931714057922s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=2.338

308PM3.txt Time=2.1321300268173218s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2369

308PM4.txt Time=Infinitys Backtracks=1020 Assignments=1049 Solved=False AvgBacktrackTime=0

308PM5.txt Time=2.925473928451538s Backtracks=32 Assignments=37 Solved=True  
AvgBacktrackTime=0.09142

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 213.2 Avg Assignments: 232.6

308PH1.txt Time=25.1153781414032s Backtracks=16 Assignments=167 Solved=True  
AvgBacktrackTime=1.570

308PH2.txt Time=3.477257251739502s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.3864

308PH3.txt Time=161.13598442077637s Backtracks=945 Assignments=955 Solved=True  
AvgBacktrackTime=0.1705

308PH4.txt Time=171.42881679534912s Backtracks=1419 Assignments=1430 Solved=True  
AvgBacktrackTime=0.1208

308PH5.txt Time=Infinitys Backtracks=14190 Assignments=14300 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3315.8 Avg Assignments: 3373.2

309 [('ArcConsistency', 'NKT', 'ForwardChecking', 'NKD'), 'MRV', 'None']

309PE1.txt Time=0.11782596111297608s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03928

309PE2.txt Time=0.1866105318069458s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06220

309PE3.txt Time=0.3931419849395752s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.06552

309PE4.txt Time=0.15071334838867187s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

309PE5.txt Time=0.11261608600616455s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02815

Solution:5/5

:Avg runtime: 0.1922 Avg Backtracks: 3.2 Avg Assignments: 5.0

309PM1.txt Time=0.7687565088272095s Backtracks=4 Assignments=11 Solved=True  
AvgBacktrackTime=0.1922

309PM2.txt Time=2.402109384536743s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3432

309PM3.txt Time=3.3111774921417236s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1440

309PM4.txt Time=3.2084632515907288s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=3.208

309PM5.txt Time=5.52729457616806s Backtracks=72 Assignments=76 Solved=True  
AvgBacktrackTime=0.07677

Solution:5/5

:Avg runtime: 3.044 Avg Backtracks: 21.4 Avg Assignments: 42.8



309PH1.txt Time=25.216314792633057s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=25.22

309PH2.txt Time=2.685558319091797s Backtracks=4 Assignments=9 Solved=True  
AvgBacktrackTime=0.6714

309PH3.txt Time=194.76802563667297s Backtracks=1080 Assignments=1088 Solved=True  
AvgBacktrackTime=0.1803

309PH4.txt Time=54.36033248901367s Backtracks=355 Assignments=370 Solved=True  
AvgBacktrackTime=0.1531

309PH5.txt Time=Infinitys Backtracks=3550 Assignments=3700 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 998.0 Avg Assignments: 1066.0

310 [(['ArcConsistency', 'NKT', 'ForwardChecking', 'NKD'), 'MRV', 'LCV']

310PE1.txt Time=0.12030737400054932s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

310PE2.txt Time=0.19778769016265868s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.09889

310PE3.txt Time=0.37619481086730955s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.09405

310PE4.txt Time=0.15136494636535644s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

310PE5.txt Time=0.12356507778167725s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1939 Avg Backtracks: 1.2 Avg Assignments: 3.0

310PM1.txt Time=0.9058945775032043s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1812

310PM2.txt Time=2.848556160926819s Backtracks=8 Assignments=41 Solved=True  
AvgBacktrackTime=0.3561

310PM3.txt Time=2.2739973664283752s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

310PM4.txt Time=3.5546799302101135s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8887

310PM5.txt Time=5.4813602566719055s Backtracks=67 Assignments=71 Solved=True  
AvgBacktrackTime=0.08181

Solution:5/5

:Avg runtime: 3.012 Avg Backtracks: 16.8 Avg Assignments: 40.6

310PH1.txt Time=26.483816862106323s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

310PH2.txt Time=3.06211519241333s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.6124

310PH3.txt Time=83.45299887657166s Backtracks=461 Assignments=469 Solved=True  
AvgBacktrackTime=0.1810

310PH4.txt Time=131.19570803642273s Backtracks=763 Assignments=778 Solved=True  
AvgBacktrackTime=0.1719

310PH5.txt Time=Infinitys Backtracks=7630 Assignments=7780 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1771.8 Avg Assignments: 1841.2

311 [['ArcConsistency', 'NKT', 'ForwardChecking', 'NKD'), 'DH', 'None']

311PE1.txt Time=0.1552063226699829s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1552

311PE2.txt Time=0.14193837642669677s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.07097

311PE3.txt Time=0.29069886207580564s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.07267

311PE4.txt Time=0.25225727558135985s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03604

311PE5.txt Time=0.19380898475646974s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02769

Solution:5/5

:Avg runtime: 0.2068 Avg Backtracks: 4.2 Avg Assignments: 5.6

311PM1.txt Time=Infinitys Backtracks=1420 Assignments=1424 Solved=False AvgBacktrackTime=0

311PM2.txt Time=Infinitys Backtracks=1476 Assignments=1495 Solved=False AvgBacktrackTime=0

311PM3.txt Time=Infinitys Backtracks=1467 Assignments=1490 Solved=False AvgBacktrackTime=0

311PM4.txt Time=Infinitys Backtracks=1490 Assignments=1512 Solved=False AvgBacktrackTime=0

311PM5.txt Time=14.32494455575943s Backtracks=298 Assignments=303 Solved=True  
AvgBacktrackTime=0.04807

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1230.2 Avg Assignments: 1244.8

311PH1.txt Time=Infinitys Backtracks=2149 Assignments=2269 Solved=False AvgBacktrackTime=0

311PH2.txt Time=6.125986576080322s Backtracks=36 Assignments=41 Solved=True  
AvgBacktrackTime=0.1702

311PH3.txt Time=Infinitys Backtracks=4981 Assignments=4996 Solved=False AvgBacktrackTime=0

311PH4.txt Time=Infinitys Backtracks=5120 Assignments=5133 Solved=False AvgBacktrackTime=0

311PH5.txt Time=Infinitys Backtracks=51200 Assignments=51330 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12697.2 Avg Assignments: 12753.8

312 [('ArcConsistency', 'NKT', 'ForwardChecking', 'NKD'), 'DH', 'LCV']

312PE1.txt Time=0.1559075355529785s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1559

312PE2.txt Time=0.14346621036529542s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

312PE3.txt Time=0.24816272258758545s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1241

312PE4.txt Time=0.2503121137619019s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1252

312PE5.txt Time=0.19323241710662842s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09662

Solution:5/5

:Avg runtime: 0.1982 Avg Backtracks: 1.4 Avg Assignments: 2.8

312PM1.txt Time=Infinitys Backtracks=1392 Assignments=1397 Solved=False AvgBacktrackTime=0

312PM2.txt Time=Infinitys Backtracks=1269 Assignments=1291 Solved=False AvgBacktrackTime=0

312PM3.txt Time=40.76488983631134s Backtracks=891 Assignments=916 Solved=True  
AvgBacktrackTime=0.04575

312PM4.txt Time=Infinitys Backtracks=1332 Assignments=1364 Solved=False AvgBacktrackTime=0

312PM5.txt Time=19.2430260181427s Backtracks=395 Assignments=400 Solved=True  
AvgBacktrackTime=0.04872

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1055.8 Avg Assignments: 1073.6

312PH1.txt Time=Infinitys Backtracks=1651 Assignments=1791 Solved=False AvgBacktrackTime=0

312PH2.txt Time=4.7941131591796875s Backtracks=23 Assignments=28 Solved=True  
AvgBacktrackTime=0.2084

312PH3.txt Time=Infinitys Backtracks=4613 Assignments=4626 Solved=False AvgBacktrackTime=0  
312PH4.txt Time=Infinitys Backtracks=4902 Assignments=4922 Solved=False AvgBacktrackTime=0  
312PH5.txt Time=Infinitys Backtracks=49020 Assignments=49220 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12041.8 Avg Assignments: 12117.4

313 [['ArcConsistency', 'NKT', 'NKD', 'ForwardChecking'], 'None', 'None']

313PE1.txt Time=0.11963872909545899s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03988

313PE2.txt Time=0.18707473278045655s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06236

313PE3.txt Time=0.41822080612182616s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.04182

313PE4.txt Time=0.14791016578674315s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

313PE5.txt Time=0.11271100044250489s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02818

Solution:5/5

:Avg runtime: 0.1971 Avg Backtracks: 4.0 Avg Assignments: 5.8

313PM1.txt Time=0.9220307469367981s Backtracks=11 Assignments=17 Solved=True  
AvgBacktrackTime=0.08382

313PM2.txt Time=Infinitys Backtracks=864 Assignments=886 Solved=False AvgBacktrackTime=0

313PM3.txt Time=1.685733437538147s Backtracks=10 Assignments=26 Solved=True  
AvgBacktrackTime=0.1686

313PM4.txt Time=2.4804279804229736s Backtracks=3 Assignments=36 Solved=True  
AvgBacktrackTime=0.8268

313PM5.txt Time=2.509207010269165s Backtracks=30 Assignments=36 Solved=True  
AvgBacktrackTime=0.08364

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 183.6 Avg Assignments: 200.2

313PH1.txt Time=25.777568101882935s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=1.432

313PH2.txt Time=2.7390732765197754s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.5478

313PH3.txt Time=207.5842206478119s Backtracks=1190 Assignments=1200 Solved=True  
AvgBacktrackTime=0.1744

313PH4.txt Time=417.9029800891876s Backtracks=2845 Assignments=2856 Solved=True  
AvgBacktrackTime=0.1469

313PH5.txt Time=Infinitys Backtracks=28450 Assignments=28560 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6501.6 Avg Assignments: 6558.2

314 [(['ArcConsistency', 'NKT', 'NKD', 'ForwardChecking'), 'None', 'LCV']

314PE1.txt Time=0.11928272247314453s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

314PE2.txt Time=0.20220136642456055s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1011

314PE3.txt Time=0.40357327461242676s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.05045

314PE4.txt Time=0.14794325828552246s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

314PE5.txt Time=0.11130020618438721s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1969 Avg Backtracks: 2.0 Avg Assignments: 3.8

314PM1.txt Time=0.7475975751876831s Backtracks=1 Assignments=7 Solved=True  
AvgBacktrackTime=0.7476

314PM2.txt Time=2.1384833455085754s Backtracks=0 Assignments=28 Solved=True  
AvgBacktrackTime=0

314PM3.txt Time=2.0629454851150513s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.6876

314PM4.txt Time=Infinitys Backtracks=1086 Assignments=1113 Solved=False AvgBacktrackTime=0

314PM5.txt Time=2.6535061597824097s Backtracks=25 Assignments=31 Solved=True  
AvgBacktrackTime=0.1061

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 223.0 Avg Assignments: 241.6

314PH1.txt Time=24.2819983959198s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.698

314PH2.txt Time=3.6952567100524902s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.3695

314PH3.txt Time=185.05679941177368s Backtracks=1140 Assignments=1150 Solved=True  
AvgBacktrackTime=0.1623

314PH4.txt Time=159.4163384437561s Backtracks=1327 Assignments=1338 Solved=True  
AvgBacktrackTime=0.1201

314PH5.txt Time=Infinitys Backtracks=13270 Assignments=13380 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3151.2 Avg Assignments: 3208.6

315 [['ArcConsistency', 'NKT', 'NKD', 'ForwardChecking'], 'MRV', 'None']

315PE1.txt Time=0.11751718521118164s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.03917

315PE2.txt Time=0.1878810167312622s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.06263

315PE3.txt Time=0.37619116306304934s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.06270

315PE4.txt Time=0.14802029132843017s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1480

315PE5.txt Time=0.11013209819793701s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.02753

Solution:5/5

:Avg runtime: 0.1879 Avg Backtracks: 3.4 Avg Assignments: 5.2

315PM1.txt Time=0.821804940700531s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1644

315PM2.txt Time=2.4106513261795044s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3444

315PM3.txt Time=3.251827895641327s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1548

315PM4.txt Time=3.130326747894287s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=3.130

315PM5.txt Time=4.584839344024658s Backtracks=66 Assignments=71 Solved=True  
AvgBacktrackTime=0.06947

Solution:5/5

:Avg runtime: 2.84 Avg Backtracks: 20.0 Avg Assignments: 41.6

315PH1.txt Time=25.808196306228638s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=25.81

315PH2.txt Time=2.7848005294799805s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.5570



315PH3.txt Time=179.28163528442383s Backtracks=1054 Assignments=1062 Solved=True  
AvgBacktrackTime=0.1701

315PH4.txt Time=52.24974465370178s Backtracks=351 Assignments=366 Solved=True  
AvgBacktrackTime=0.1489

315PH5.txt Time=Infinitys Backtracks=3510 Assignments=3660 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 984.2 Avg Assignments: 1052.2

316 [(['ArcConsistency', 'NKT', 'NKD', 'ForwardChecking'), 'MRV', 'LCV']

316PE1.txt Time=0.11913304328918457s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

316PE2.txt Time=0.20042898654937744s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1002

316PE3.txt Time=0.3759160041809082s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.09398

316PE4.txt Time=0.14817373752593993s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

316PE5.txt Time=0.11046292781829833s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1908 Avg Backtracks: 1.2 Avg Assignments: 3.0

316PM1.txt Time=0.8873109817504883s Backtracks=5 Assignments=12 Solved=True  
AvgBacktrackTime=0.1775

316PM2.txt Time=2.574901282787323s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.5150

316PM3.txt Time=2.2185914516448975s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

316PM4.txt Time=3.5766493678092957s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8942

316PM5.txt Time=4.681165814399719s Backtracks=61 Assignments=66 Solved=True  
AvgBacktrackTime=0.07674

Solution:5/5

:Avg runtime: 2.788 Avg Backtracks: 15.0 Avg Assignments: 38.6

316PH1.txt Time=27.269334316253662s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=27.27

316PH2.txt Time=3.363286256790161s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.4805

316PH3.txt Time=77.30744862556458s Backtracks=455 Assignments=463 Solved=True  
AvgBacktrackTime=0.1699

316PH4.txt Time=123.27592754364014s Backtracks=757 Assignments=772 Solved=True  
AvgBacktrackTime=0.1628

316PH5.txt Time=Infinitys Backtracks=7570 Assignments=7720 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1758.0 Avg Assignments: 1827.4

317 [('ArcConsistency', 'NKT', 'NKD', 'ForwardChecking'), 'DH', 'None']

317PE1.txt Time=0.1567981719970703s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1568

317PE2.txt Time=0.1571953296661377s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.05240

317PE3.txt Time=0.3868914842605591s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.09672

317PE4.txt Time=0.25532217025756837s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.03647

317PE5.txt Time=0.18973307609558104s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.02710

Solution:5/5

:Avg runtime: 0.2292 Avg Backtracks: 4.4 Avg Assignments: 5.8

317PM1.txt Time=Infinitys Backtracks=1439 Assignments=1447 Solved=False AvgBacktrackTime=0

317PM2.txt Time=Infinitys Backtracks=1448 Assignments=1467 Solved=False AvgBacktrackTime=0

317PM3.txt Time=Infinitys Backtracks=1475 Assignments=1495 Solved=False AvgBacktrackTime=0

317PM4.txt Time=Infinitys Backtracks=1460 Assignments=1480 Solved=False AvgBacktrackTime=0

317PM5.txt Time=12.539934992790222s Backtracks=259 Assignments=264 Solved=True

AvgBacktrackTime=0.04842

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1216.2 Avg Assignments: 1230.6

317PH1.txt Time=Infinitys Backtracks=2102 Assignments=2225 Solved=False AvgBacktrackTime=0

317PH2.txt Time=5.623671770095825s Backtracks=31 Assignments=36 Solved=True

AvgBacktrackTime=0.1814

317PH3.txt Time=Infinitys Backtracks=5166 Assignments=5185 Solved=False AvgBacktrackTime=0

317PH4.txt Time=Infinitys Backtracks=4755 Assignments=4770 Solved=False AvgBacktrackTime=0

317PH5.txt Time=Infinitys Backtracks=47550 Assignments=47700 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11920.8 Avg Assignments: 11983.2

318 [('ArcConsistency', 'NKT', 'NKD', 'ForwardChecking'), 'DH', 'LCV']

318PE1.txt Time=0.15650081634521484s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.1565

318PE2.txt Time=0.15656356811523436s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1566

318PE3.txt Time=0.3732358694076538s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.1866

318PE4.txt Time=0.2522923231124878s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.1261

318PE5.txt Time=0.19167561531066896s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.09584

Solution:5/5

:Avg runtime: 0.226 Avg Backtracks: 1.6 Avg Assignments: 3.0

318PM1.txt Time=Infinitys Backtracks=1403 Assignments=1408 Solved=False AvgBacktrackTime=0

318PM2.txt Time=Infinitys Backtracks=1252 Assignments=1275 Solved=False AvgBacktrackTime=0

318PM3.txt Time=38.76184141635895s Backtracks=834 Assignments=859 Solved=True  
AvgBacktrackTime=0.04648

318PM4.txt Time=Infinitys Backtracks=1238 Assignments=1269 Solved=False AvgBacktrackTime=0

318PM5.txt Time=17.06168496608734s Backtracks=360 Assignments=365 Solved=True  
AvgBacktrackTime=0.04739

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1017.4 Avg Assignments: 1035.2

318PH1.txt Time=Infinitys Backtracks=1670 Assignments=1812 Solved=False AvgBacktrackTime=0

318PH2.txt Time=5.004534721374512s Backtracks=24 Assignments=29 Solved=True  
AvgBacktrackTime=0.2085

318PH3.txt Time=Infinitys Backtracks=4853 Assignments=4863 Solved=False AvgBacktrackTime=0

318PH4.txt Time=Infinitys Backtracks=4864 Assignments=4882 Solved=False AvgBacktrackTime=0

318PH5.txt Time=Infinitys Backtracks=48640 Assignments=48820 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12010.2 Avg Assignments: 12081.2

319 [['NKD', 'ForwardChecking', 'ArcConsistency', 'NKT'), 'None', 'None']

319PE1.txt Time=0.04800138473510742s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01600

319PE2.txt Time=0.08835461139678955s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02945

319PE3.txt Time=0.2636821746826172s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02637

319PE4.txt Time=0.07215561866760253s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

319PE5.txt Time=0.05135369300842285s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01284

Solution:5/5

:Avg runtime: 0.1047 Avg Backtracks: 4.0 Avg Assignments: 5.8

319PM1.txt Time=0.47712987661361694s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.07952

319PM2.txt Time=Infinitys Backtracks=943 Assignments=967 Solved=False AvgBacktrackTime=0

319PM3.txt Time=1.6510960459709167s Backtracks=16 Assignments=33 Solved=True  
AvgBacktrackTime=0.1032

319PM4.txt Time=2.214112162590027s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.107

319PM5.txt Time=1.3464542627334595s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.03639

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 200.8 Avg Assignments: 217.4

319PH1.txt Time=27.440760374069214s Backtracks=60 Assignments=207 Solved=True  
AvgBacktrackTime=0.4573

319PH2.txt Time=1.4327664375305176s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.1433

319PH3.txt Time=207.29337692260742s Backtracks=1211 Assignments=1221 Solved=True  
AvgBacktrackTime=0.1712

319PH4.txt Time=449.99858593940735s Backtracks=3037 Assignments=3048 Solved=True  
AvgBacktrackTime=0.1482

319PH5.txt Time=Infinitys Backtracks=30370 Assignments=30480 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6937.6 Avg Assignments: 6994.2

320 [('NKD', 'ForwardChecking', 'ArcConsistency', 'NKT'), 'None', 'LCV']

320PE1.txt Time=0.04713013172149658s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

320PE2.txt Time=0.10180544853210449s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05090

320PE3.txt Time=0.20467061996459962s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02558

320PE4.txt Time=0.07532596588134766s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07533

320PE5.txt Time=0.0517916202545166s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09614 Avg Backtracks: 2.2 Avg Assignments: 4.0

320PM1.txt Time=0.5586730241775513s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2793

320PM2.txt Time=1.728830635547638s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

320PM3.txt Time=1.9826123118400574s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.2203

320PM4.txt Time=Infinitys Backtracks=1237 Assignments=1264 Solved=False AvgBacktrackTime=0

320PM5.txt Time=1.489710807800293s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.04256

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 256.6 Avg Assignments: 274.8

320PH1.txt Time=23.449817895889282s Backtracks=26 Assignments=177 Solved=True  
AvgBacktrackTime=0.9019

320PH2.txt Time=2.938035726547241s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1632

320PH3.txt Time=183.20243740081787s Backtracks=1151 Assignments=1161 Solved=True  
AvgBacktrackTime=0.1592

320PH4.txt Time=155.84688711166382s Backtracks=1296 Assignments=1307 Solved=True  
AvgBacktrackTime=0.1203

320PH5.txt Time=Infinitys Backtracks=12960 Assignments=13070 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3090.2 Avg Assignments: 3147.6

321 [(['NKD', 'ForwardChecking', 'ArcConsistency', 'NKT'), 'MRV', 'None']

321PE1.txt Time=0.04739582538604736s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01580

321PE2.txt Time=0.08839614391326904s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02947

321PE3.txt Time=0.22544682025909424s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03757

321PE4.txt Time=0.07201950550079346s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

321PE5.txt Time=0.05189228057861328s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01297

Solution:5/5

:Avg runtime: 0.09702 Avg Backtracks: 3.2 Avg Assignments: 5.0

321PM1.txt Time=0.5569678544998169s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1857

321PM2.txt Time=2.258331537246704s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3226

321PM3.txt Time=3.018299639225006s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1312

321PM4.txt Time=2.814148426055908s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.814

321PM5.txt Time=4.0271307826042175s Backtracks=75 Assignments=79 Solved=True  
AvgBacktrackTime=0.05370

Solution:5/5

:Avg runtime: 2.534 Avg Backtracks: 21.8 Avg Assignments: 43.0

321PH1.txt Time=24.323086738586426s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.32

321PH2.txt Time=1.7464900016784668s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.2495

321PH3.txt Time=196.96859502792358s Backtracks=1062 Assignments=1070 Solved=True  
AvgBacktrackTime=0.1855

321PH4.txt Time=48.8765983581543s Backtracks=342 Assignments=356 Solved=True  
AvgBacktrackTime=0.1429

321PH5.txt Time=Infinitys Backtracks=3581 Assignments=3597 Solved=False AvgBacktrackTime=0



Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 998.6 Avg Assignments: 1039.8

322 [('NKD', 'ForwardChecking', 'ArcConsistency', 'NKT'), 'MRV', 'LCV']

322PE1.txt Time=0.048061490058898926s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

322PE2.txt Time=0.10252189636230469s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05126

322PE3.txt Time=0.2091764450073242s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05229

322PE4.txt Time=0.07596364021301269s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07596

322PE5.txt Time=0.051955771446228025s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09756 Avg Backtracks: 1.4 Avg Assignments: 3.2

322PM1.txt Time=0.6128273010253906s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.2043

322PM2.txt Time=2.5945058465003967s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2883

322PM3.txt Time=2.171742558479309s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.086

322PM4.txt Time=3.2138401865959167s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.5356

322PM5.txt Time=4.150000035762787s Backtracks=72 Assignments=76 Solved=True  
AvgBacktrackTime=0.05764

Solution:5/5

:Avg runtime: 2.548 Avg Backtracks: 18.4 Avg Assignments: 42.2

322PH1.txt Time=25.596288442611694s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

322PH2.txt Time=2.303300142288208s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.2303

322PH3.txt Time=82.67649984359741s Backtracks=461 Assignments=469 Solved=True  
AvgBacktrackTime=0.1793

322PH4.txt Time=130.25100541114807s Backtracks=795 Assignments=809 Solved=True  
AvgBacktrackTime=0.1638

322PH5.txt Time=Infinitys Backtracks=7950 Assignments=8090 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1843.2 Avg Assignments: 1910.6

323 [['NKD', 'ForwardChecking', 'ArcConsistency', 'NKT'), 'DH', 'None']

323PE1.txt Time=0.057223725318908694s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05722

323PE2.txt Time=0.07738213539123535s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.01935

323PE3.txt Time=0.16950278282165526s Backtracks=6 Assignments=8 Solved=True  
AvgBacktrackTime=0.02825

323PE4.txt Time=0.11085376739501954s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01109

323PE5.txt Time=0.07658588886260986s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01094

Solution:5/5

:Avg runtime: 0.09832 Avg Backtracks: 5.6 Avg Assignments: 7.0

323PM1.txt Time=Infinitys Backtracks=1528 Assignments=1534 Solved=False AvgBacktrackTime=0  
323PM2.txt Time=Infinitys Backtracks=1992 Assignments=2010 Solved=False AvgBacktrackTime=0  
323PM3.txt Time=Infinitys Backtracks=1581 Assignments=1604 Solved=False AvgBacktrackTime=0  
323PM4.txt Time=Infinitys Backtracks=1580 Assignments=1601 Solved=False AvgBacktrackTime=0  
323PM5.txt Time=12.163728654384613s Backtracks=258 Assignments=263 Solved=True  
AvgBacktrackTime=0.04715

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1387.8 Avg Assignments: 1402.4

323PH1.txt Time=Infinitys Backtracks=1775 Assignments=1898 Solved=False AvgBacktrackTime=0  
323PH2.txt Time=1.8073914051055908s Backtracks=13 Assignments=18 Solved=True  
AvgBacktrackTime=0.1390  
323PH3.txt Time=Infinitys Backtracks=5178 Assignments=5191 Solved=False AvgBacktrackTime=0  
323PH4.txt Time=Infinitys Backtracks=6272 Assignments=6287 Solved=False AvgBacktrackTime=0  
323PH5.txt Time=Infinitys Backtracks=62720 Assignments=62870 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 15191.6 Avg Assignments: 15252.8

324 [(['NKD', 'ForwardChecking', 'ArcConsistency', 'NKT'), 'DH', 'LCV']

324PE1.txt Time=0.057304978370666504s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05730  
324PE2.txt Time=0.07159159183502198s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0  
324PE3.txt Time=0.1158226728439331s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05791

324PE4.txt Time=0.10956571102142335s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02191

324PE5.txt Time=0.07562611103057862s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03781

Solution:5/5

:Avg runtime: 0.08598 Avg Backtracks: 2.0 Avg Assignments: 3.4

324PM1.txt Time=Infinitys Backtracks=1460 Assignments=1470 Solved=False AvgBacktrackTime=0

324PM2.txt Time=Infinitys Backtracks=1740 Assignments=1761 Solved=False AvgBacktrackTime=0

324PM3.txt Time=44.621193170547485s Backtracks=1265 Assignments=1288 Solved=True  
AvgBacktrackTime=0.03527

324PM4.txt Time=Infinitys Backtracks=1365 Assignments=1396 Solved=False AvgBacktrackTime=0

324PM5.txt Time=15.532257676124573s Backtracks=331 Assignments=336 Solved=True  
AvgBacktrackTime=0.04693

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1232.2 Avg Assignments: 1250.2

324PH1.txt Time=Infinitys Backtracks=1506 Assignments=1649 Solved=False AvgBacktrackTime=0

324PH2.txt Time=2.3809494972229004s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1323

324PH3.txt Time=Infinitys Backtracks=5429 Assignments=5441 Solved=False AvgBacktrackTime=0

324PH4.txt Time=Infinitys Backtracks=5482 Assignments=5502 Solved=False AvgBacktrackTime=0

324PH5.txt Time=Infinitys Backtracks=54820 Assignments=55020 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13451.0 Avg Assignments: 13527.0

325 [['NKD', 'ForwardChecking', 'NKT', 'ArcConsistency'], 'None', 'None']

325PE1.txt Time=0.04703340530395508s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01568

325PE2.txt Time=0.09534590244293213s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03178

325PE3.txt Time=0.2216259002685547s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02216

325PE4.txt Time=0.06942734718322754s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

325PE5.txt Time=0.050527429580688475s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01263

Solution:5/5

:Avg runtime: 0.09678 Avg Backtracks: 4.0 Avg Assignments: 5.8

325PM1.txt Time=0.3928315043449402s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.06547

325PM2.txt Time=Infinitys Backtracks=816 Assignments=838 Solved=False AvgBacktrackTime=0

325PM3.txt Time=1.5784715414047241s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.09285

325PM4.txt Time=2.139793574810028s Backtracks=1 Assignments=33 Solved=True  
AvgBacktrackTime=2.140

325PM5.txt Time=1.3511801958084106s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.05405

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 173.0 Avg Assignments: 189.0

325PH1.txt Time=24.274169206619263s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=1.278

325PH2.txt Time=1.1270596981048584s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2254

325PH3.txt Time=180.967431306839s Backtracks=939 Assignments=948 Solved=True  
AvgBacktrackTime=0.1927

325PH4.txt Time=418.33481550216675s Backtracks=2478 Assignments=2489 Solved=True  
AvgBacktrackTime=0.1688

325PH5.txt Time=Infinitys Backtracks=24780 Assignments=24890 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5644.2 Avg Assignments: 5700.4

326 [(['NKD', 'ForwardChecking', 'NKT', 'ArcConsistency'), 'None', 'LCV']

326PE1.txt Time=0.046623730659484865s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

326PE2.txt Time=0.10461921691894531s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05231

326PE3.txt Time=0.2067075252532959s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02584

326PE4.txt Time=0.07337779998779297s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07338

326PE5.txt Time=0.050921964645385745s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09644 Avg Backtracks: 2.2 Avg Assignments: 4.0

326PM1.txt Time=0.32463252544403076s Backtracks=0 Assignments=4 Solved=True  
AvgBacktrackTime=0

326PM2.txt Time=1.7322744727134705s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

326PM3.txt Time=1.902538537979126s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2114

326PM4.txt Time=Infinitys Backtracks=1113 Assignments=1143 Solved=False AvgBacktrackTime=0

326PM5.txt Time=1.4315569996833801s Backtracks=20 Assignments=25 Solved=True  
AvgBacktrackTime=0.07158

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 228.4 Avg Assignments: 246.8

326PH1.txt Time=22.782989740371704s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.531

326PH2.txt Time=1.8233747482299805s Backtracks=8 Assignments=12 Solved=True  
AvgBacktrackTime=0.2279

326PH3.txt Time=165.1874532699585s Backtracks=909 Assignments=918 Solved=True  
AvgBacktrackTime=0.1817

326PH4.txt Time=146.04874324798584s Backtracks=1076 Assignments=1087 Solved=True  
AvgBacktrackTime=0.1357

326PH5.txt Time=Infinitys Backtracks=10760 Assignments=10870 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2552.4 Avg Assignments: 2609.4

327 [('NKD', 'ForwardChecking', 'NKT', 'ArcConsistency'), 'MRV', 'None']

327PE1.txt Time=0.04643027782440186s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01548

327PE2.txt Time=0.09557430744171143s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03186

327PE3.txt Time=0.21366581916809083s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03561

327PE4.txt Time=0.06992232799530029s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

327PE5.txt Time=0.05042872428894043s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01261

Solution:5/5

:Avg runtime: 0.0952 Avg Backtracks: 3.2 Avg Assignments: 5.0

327PM1.txt Time=0.39229750633239746s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1961

327PM2.txt Time=2.1880534291267395s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3126

327PM3.txt Time=2.577656924724579s Backtracks=17 Assignments=40 Solved=True  
AvgBacktrackTime=0.1516

327PM4.txt Time=2.843092143535614s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.843

327PM5.txt Time=3.3405014872550964s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.05861

Solution:5/5

:Avg runtime: 2.268 Avg Backtracks: 16.8 Avg Assignments: 37.2

327PH1.txt Time=24.321321725845337s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.32

327PH2.txt Time=1.4547553062438965s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2910

327PH3.txt Time=176.8391137123108s Backtracks=926 Assignments=934 Solved=True  
AvgBacktrackTime=0.1910

327PH4.txt Time=47.00094485282898s Backtracks=319 Assignments=332 Solved=True  
AvgBacktrackTime=0.1473

327PH5.txt Time=Infinitys Backtracks=3164 Assignments=3179 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 883.0 Avg Assignments: 923.6



328 [('NKD', 'ForwardChecking', 'NKT', 'ArcConsistency'), 'MRV', 'LCV']

328PE1.txt Time=0.04752993583679199s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

328PE2.txt Time=0.10537631511688232s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05269

328PE3.txt Time=0.19898948669433594s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04975

328PE4.txt Time=0.07373580932617188s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07374

328PE5.txt Time=0.05067892074584961s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09526 Avg Backtracks: 1.4 Avg Assignments: 3.2

328PM1.txt Time=0.5703637599945068s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1141

328PM2.txt Time=2.494740307331085s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2772

328PM3.txt Time=2.022152066230774s Backtracks=1 Assignments=31 Solved=True  
AvgBacktrackTime=2.022

328PM4.txt Time=3.0926856994628906s Backtracks=6 Assignments=49 Solved=True  
AvgBacktrackTime=0.5154

328PM5.txt Time=3.3873255252838135s Backtracks=52 Assignments=56 Solved=True  
AvgBacktrackTime=0.06514

Solution:5/5

:Avg runtime: 2.314 Avg Backtracks: 14.6 Avg Assignments: 37.6

328PH1.txt Time=25.559014320373535s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

328PH2.txt Time=1.9886574745178223s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.3977

328PH3.txt Time=76.00960683822632s Backtracks=389 Assignments=397 Solved=True  
AvgBacktrackTime=0.1954

328PH4.txt Time=119.03516483306885s Backtracks=675 Assignments=688 Solved=True  
AvgBacktrackTime=0.1763

328PH5.txt Time=Infinitys Backtracks=6750 Assignments=6880 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1563.8 Avg Assignments: 1628.8

329 [('NKD', 'ForwardChecking', 'NKT', 'ArcConsistency'), 'DH', 'None']

329PE1.txt Time=0.054856276512145995s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05486

329PE2.txt Time=0.0854708194732666s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02137

329PE3.txt Time=0.1467803955078125s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03670

329PE4.txt Time=0.08403053283691406s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01200

329PE5.txt Time=0.07505178451538086s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01072

Solution:5/5

:Avg runtime: 0.08924 Avg Backtracks: 4.6 Avg Assignments: 6.0

329PM1.txt Time=Infinitys Backtracks=1416 Assignments=1422 Solved=False AvgBacktrackTime=0

329PM2.txt Time=Infinitys Backtracks=1381 Assignments=1397 Solved=False AvgBacktrackTime=0

329PM3.txt Time=Infinitys Backtracks=1449 Assignments=1466 Solved=False AvgBacktrackTime=0  
329PM4.txt Time=Infinitys Backtracks=1458 Assignments=1482 Solved=False AvgBacktrackTime=0  
329PM5.txt Time=9.173431396484375s Backtracks=185 Assignments=189 Solved=True  
AvgBacktrackTime=0.04959

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1177.8 Avg Assignments: 1191.2

329PH1.txt Time=Infinitys Backtracks=1975 Assignments=2097 Solved=False AvgBacktrackTime=0  
329PH2.txt Time=1.3970041275024414s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2794  
329PH3.txt Time=Infinitys Backtracks=4460 Assignments=4475 Solved=False AvgBacktrackTime=0  
329PH4.txt Time=Infinitys Backtracks=4943 Assignments=4958 Solved=False AvgBacktrackTime=0  
329PH5.txt Time=Infinitys Backtracks=49430 Assignments=49580 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12162.6 Avg Assignments: 12224.0

330 [(['NKD', 'ForwardChecking', 'NKT', 'ArcConsistency'), 'DH', 'LCV']

330PE1.txt Time=0.055466651916503906s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05547  
330PE2.txt Time=0.07937591075897217s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0  
330PE3.txt Time=0.11661605834960938s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05831  
330PE4.txt Time=0.08219945430755615s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04110  
330PE5.txt Time=0.07457203865051269s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03729

Solution:5/5

:Avg runtime: 0.08164 Avg Backtracks: 1.4 Avg Assignments: 2.8

330PM1.txt Time=Infinitys Backtracks=1397 Assignments=1405 Solved=False AvgBacktrackTime=0

330PM2.txt Time=Infinitys Backtracks=1317 Assignments=1339 Solved=False AvgBacktrackTime=0

330PM3.txt Time=35.7015625834465s Backtracks=763 Assignments=788 Solved=True  
AvgBacktrackTime=0.04679

330PM4.txt Time=Infinitys Backtracks=1366 Assignments=1395 Solved=False AvgBacktrackTime=0

330PM5.txt Time=13.30799114704132s Backtracks=240 Assignments=244 Solved=True  
AvgBacktrackTime=0.05545

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1016.6 Avg Assignments: 1034.2

330PH1.txt Time=Infinitys Backtracks=1331 Assignments=1472 Solved=False AvgBacktrackTime=0

330PH2.txt Time=1.9388973712921143s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.2770

330PH3.txt Time=Infinitys Backtracks=4632 Assignments=4647 Solved=False AvgBacktrackTime=0

330PH4.txt Time=Infinitys Backtracks=4256 Assignments=4270 Solved=False AvgBacktrackTime=0

330PH5.txt Time=Infinitys Backtracks=42560 Assignments=42700 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 10557.2 Avg Assignments: 10620.2

331 [(['NKD', 'ArcConsistency', 'ForwardChecking', 'NKT'), 'None', 'None']

331PE1.txt Time=0.06280930042266845s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02094

331PE2.txt Time=0.09861667156219482s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03287

331PE3.txt Time=0.24064807891845702s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02406

331PE4.txt Time=0.08929412364959717s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

331PE5.txt Time=0.053306412696838376s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01333

Solution:5/5

:Avg runtime: 0.1089 Avg Backtracks: 4.0 Avg Assignments: 5.8

331PM1.txt Time=0.5050964951515198s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.08418

331PM2.txt Time=Infinitys Backtracks=1023 Assignments=1047 Solved=False AvgBacktrackTime=0

331PM3.txt Time=1.791536033153534s Backtracks=16 Assignments=33 Solved=True  
AvgBacktrackTime=0.1120

331PM4.txt Time=2.219521164894104s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.110

331PM5.txt Time=1.394843578338623s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.03770

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 216.8 Avg Assignments: 233.4

331PH1.txt Time=28.367019414901733s Backtracks=60 Assignments=207 Solved=True  
AvgBacktrackTime=0.4728

331PH2.txt Time=1.5159897804260254s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.1516

331PH3.txt Time=184.95856308937073s Backtracks=1211 Assignments=1221 Solved=True  
AvgBacktrackTime=0.1527

331PH4.txt Time=394.307147026062s Backtracks=3037 Assignments=3048 Solved=True  
AvgBacktrackTime=0.1298

331PH5.txt Time=Infinitys Backtracks=30370 Assignments=30480 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6937.6 Avg Assignments: 6994.2

332 [(['NKD', 'ArcConsistency', 'ForwardChecking', 'NKT'), 'None', 'LCV']

332PE1.txt Time=0.06286768913269043s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

332PE2.txt Time=0.11569499969482422s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05785

332PE3.txt Time=0.22966675758361815s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02871

332PE4.txt Time=0.0928624153137207s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09286

332PE5.txt Time=0.0540508508682251s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1111 Avg Backtracks: 2.2 Avg Assignments: 4.0

332PM1.txt Time=0.5173284411430359s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2587

332PM2.txt Time=1.7386459708213806s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

332PM3.txt Time=2.2577033042907715s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.2509

332PM4.txt Time=Infinitys Backtracks=1256 Assignments=1285 Solved=False AvgBacktrackTime=0

332PM5.txt Time=1.5204681158065796s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.04344

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 260.4 Avg Assignments: 279.0

332PH1.txt Time=23.496537446975708s Backtracks=26 Assignments=177 Solved=True  
AvgBacktrackTime=0.9037

332PH2.txt Time=2.714027166366577s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1508

332PH3.txt Time=164.27090644836426s Backtracks=1151 Assignments=1161 Solved=True  
AvgBacktrackTime=0.1427

332PH4.txt Time=140.69135189056396s Backtracks=1296 Assignments=1307 Solved=True  
AvgBacktrackTime=0.1086

332PH5.txt Time=Infinitys Backtracks=12960 Assignments=13070 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3090.2 Avg Assignments: 3147.6

333 [['NKD', 'ArcConsistency', 'ForwardChecking', 'NKT'), 'MRV', 'None']

333PE1.txt Time=0.06271772384643555s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02091

333PE2.txt Time=0.09776697158813477s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03259

333PE3.txt Time=0.22344250679016114s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03724

333PE4.txt Time=0.08905191421508789s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

333PE5.txt Time=0.05356590747833252s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01339

Solution:5/5

:Avg runtime: 0.1053 Avg Backtracks: 3.2 Avg Assignments: 5.0

333PM1.txt Time=0.534695565700531s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1782

333PM2.txt Time=2.2617151141166687s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3231

333PM3.txt Time=3.145430088043213s Backtracks=23 Assignments=49 Solved=True  
AvgBacktrackTime=0.1368

333PM4.txt Time=2.7756492495536804s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.776

333PM5.txt Time=3.600421667098999s Backtracks=75 Assignments=79 Solved=True  
AvgBacktrackTime=0.04801

Solution:5/5

:Avg runtime: 2.464 Avg Backtracks: 21.8 Avg Assignments: 43.0

333PH1.txt Time=24.435051918029785s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.44

333PH2.txt Time=1.7349741458892822s Backtracks=7 Assignments=13 Solved=True  
AvgBacktrackTime=0.2479

333PH3.txt Time=172.96050715446472s Backtracks=1062 Assignments=1070 Solved=True  
AvgBacktrackTime=0.1629

333PH4.txt Time=45.413365602493286s Backtracks=342 Assignments=356 Solved=True  
AvgBacktrackTime=0.1328

333PH5.txt Time=Infinitys Backtracks=3640 Assignments=3653 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1010.4 Avg Assignments: 1051.0

334 [('NKD', 'ArcConsistency', 'ForwardChecking', 'NKT'), 'MRV', 'LCV']

334PE1.txt Time=0.06349790096282959s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0



334PE2.txt Time=0.11307566165924073s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05654

334PE3.txt Time=0.20926389694213868s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05232

334PE4.txt Time=0.09287729263305664s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09288

334PE5.txt Time=0.05425806045532226s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1066 Avg Backtracks: 1.4 Avg Assignments: 3.2

334PM1.txt Time=0.6080650091171265s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.2027

334PM2.txt Time=2.6126989126205444s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2903

334PM3.txt Time=2.32743763923645s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.164

334PM4.txt Time=3.152880370616913s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.5255

334PM5.txt Time=3.7099283933639526s Backtracks=72 Assignments=76 Solved=True  
AvgBacktrackTime=0.05153

Solution:5/5

:Avg runtime: 2.482 Avg Backtracks: 18.4 Avg Assignments: 42.2

334PH1.txt Time=25.44835114479065s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

334PH2.txt Time=2.1274492740631104s Backtracks=10 Assignments=16 Solved=True  
AvgBacktrackTime=0.2127

334PH3.txt Time=71.40130662918091s Backtracks=461 Assignments=469 Solved=True  
AvgBacktrackTime=0.1549

334PH4.txt Time=117.84597253799438s Backtracks=795 Assignments=809 Solved=True  
AvgBacktrackTime=0.1482

334PH5.txt Time=Infinitys Backtracks=7950 Assignments=8090 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1843.2 Avg Assignments: 1910.6

335 [(['NKD', 'ArcConsistency', 'ForwardChecking', 'NKT'), 'DH', 'None']

335PE1.txt Time=0.07031102180480957s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07031

335PE2.txt Time=0.0912254810333252s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02281

335PE3.txt Time=0.1841362237930298s Backtracks=6 Assignments=8 Solved=True  
AvgBacktrackTime=0.03069

335PE4.txt Time=0.150404691696167s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01504

335PE5.txt Time=0.08136641979217529s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01162

Solution:5/5

:Avg runtime: 0.1155 Avg Backtracks: 5.6 Avg Assignments: 7.0

335PM1.txt Time=Infinitys Backtracks=1707 Assignments=1713 Solved=False AvgBacktrackTime=0

335PM2.txt Time=Infinitys Backtracks=1968 Assignments=1986 Solved=False AvgBacktrackTime=0

335PM3.txt Time=Infinitys Backtracks=1611 Assignments=1631 Solved=False AvgBacktrackTime=0

335PM4.txt Time=Infinitys Backtracks=1592 Assignments=1616 Solved=False AvgBacktrackTime=0

335PM5.txt Time=10.35438734292984s Backtracks=258 Assignments=263 Solved=True  
AvgBacktrackTime=0.04013

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1427.2 Avg Assignments: 1441.8

335PH1.txt Time=Infinitys Backtracks=1753 Assignments=1876 Solved=False AvgBacktrackTime=0

335PH2.txt Time=1.8338501453399658s Backtracks=13 Assignments=18 Solved=True  
AvgBacktrackTime=0.1411

335PH3.txt Time=Infinitys Backtracks=6024 Assignments=6034 Solved=False AvgBacktrackTime=0

335PH4.txt Time=Infinitys Backtracks=6442 Assignments=6453 Solved=False AvgBacktrackTime=0

335PH5.txt Time=Infinitys Backtracks=64420 Assignments=64530 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 15730.4 Avg Assignments: 15782.2

336 [(['NKD', 'ArcConsistency', 'ForwardChecking', 'NKT'), 'DH', 'LCV']

336PE1.txt Time=0.07098872661590576s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07099

336PE2.txt Time=0.08534367084503174s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

336PE3.txt Time=0.12171380519866944s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06086

336PE4.txt Time=0.14842331409454346s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02968

336PE5.txt Time=0.08167476654052734s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04084

Solution:5/5

:Avg runtime: 0.1016 Avg Backtracks: 2.0 Avg Assignments: 3.4

336PM1.txt Time=Infinitys Backtracks=1658 Assignments=1664 Solved=False AvgBacktrackTime=0

336PM2.txt Time=Infinitys Backtracks=1697 Assignments=1719 Solved=False AvgBacktrackTime=0

336PM3.txt Time=48.104975938797s Backtracks=1265 Assignments=1288 Solved=True  
AvgBacktrackTime=0.03803

336PM4.txt Time=Infinitys Backtracks=1289 Assignments=1319 Solved=False AvgBacktrackTime=0

336PM5.txt Time=13.556759119033813s Backtracks=331 Assignments=336 Solved=True  
AvgBacktrackTime=0.04096

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1248.0 Avg Assignments: 1265.2

336PH1.txt Time=Infinitys Backtracks=1441 Assignments=1584 Solved=False AvgBacktrackTime=0

336PH2.txt Time=2.607574939727783s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.1449

336PH3.txt Time=Infinitys Backtracks=6214 Assignments=6229 Solved=False AvgBacktrackTime=0

336PH4.txt Time=Infinitys Backtracks=6225 Assignments=6242 Solved=False AvgBacktrackTime=0

336PH5.txt Time=Infinitys Backtracks=62250 Assignments=62420 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 15229.6 Avg Assignments: 15299.6

337 [('NKD', 'ArcConsistency', 'NKT', 'ForwardChecking'), 'None', 'None']

337PE1.txt Time=0.06264400482177734s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02088

337PE2.txt Time=0.09825417995452881s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03275

337PE3.txt Time=0.30234265327453613s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.03023

337PE4.txt Time=0.08894116878509521s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

337PE5.txt Time=0.054409122467041014s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01360

Solution:5/5

:Avg runtime: 0.1213 Avg Backtracks: 4.0 Avg Assignments: 5.8

337PM1.txt Time=0.50602126121521s Backtracks=6 Assignments=11 Solved=True  
AvgBacktrackTime=0.08434

337PM2.txt Time=Infinitys Backtracks=953 Assignments=972 Solved=False AvgBacktrackTime=0

337PM3.txt Time=1.8590601086616516s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.1094

337PM4.txt Time=2.149200677871704s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.075

337PM5.txt Time=1.202555775642395s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.04810

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 200.6 Avg Assignments: 216.2

337PH1.txt Time=24.479894876480103s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=1.288

337PH2.txt Time=1.3963921070098877s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2793

337PH3.txt Time=167.66617369651794s Backtracks=1096 Assignments=1106 Solved=True  
AvgBacktrackTime=0.1530

337PH4.txt Time=355.94882130622864s Backtracks=2640 Assignments=2651 Solved=True  
AvgBacktrackTime=0.1348

337PH5.txt Time=Infinitys Backtracks=26400 Assignments=26510 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6032.0 Avg Assignments: 6088.6

338 [('NKD', 'ArcConsistency', 'NKT', 'ForwardChecking'), 'None', 'LCV']

338PE1.txt Time=0.06213390827178955s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

338PE2.txt Time=0.10845131874084472s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05423

338PE3.txt Time=0.2341695547103882s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02927

338PE4.txt Time=0.09275414943695068s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09275

338PE5.txt Time=0.054704689979553224s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1105 Avg Backtracks: 2.2 Avg Assignments: 4.0

338PM1.txt Time=0.5208325386047363s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2604

338PM2.txt Time=1.7942495346069336s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

338PM3.txt Time=2.3294068574905396s Backtracks=9 Assignments=36 Solved=True  
AvgBacktrackTime=0.2588

338PM4.txt Time=Infinitys Backtracks=1334 Assignments=1359 Solved=False AvgBacktrackTime=0

338PM5.txt Time=1.3469987511634827s Backtracks=23 Assignments=28 Solved=True  
AvgBacktrackTime=0.05857

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 273.6 Avg Assignments: 291.4

338PH1.txt Time=22.51682734489441s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.502

338PH2.txt Time=2.3187787532806396s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.2108

338PH3.txt Time=150.231369972229s Backtracks=1044 Assignments=1054 Solved=True  
AvgBacktrackTime=0.1439

338PH4.txt Time=121.08327150344849s Backtracks=1097 Assignments=1108 Solved=True  
AvgBacktrackTime=0.1104

338PH5.txt Time=Infinitys Backtracks=10970 Assignments=11080 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2626.2 Avg Assignments: 2683.6

339 [('NKD', 'ArcConsistency', 'NKT', 'ForwardChecking'), 'MRV', 'None']

339PE1.txt Time=0.06305112838745117s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02102

339PE2.txt Time=0.09820263385772705s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03273

339PE3.txt Time=0.22975220680236816s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03829

339PE4.txt Time=0.08909282684326172s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

339PE5.txt Time=0.054652857780456546s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01366

Solution:5/5

:Avg runtime: 0.1070 Avg Backtracks: 3.2 Avg Assignments: 5.0

339PM1.txt Time=0.5370708107948303s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1790

339PM2.txt Time=2.1709460020065308s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3101

339PM3.txt Time=3.029270112514496s Backtracks=21 Assignments=44 Solved=True  
AvgBacktrackTime=0.1443

339PM4.txt Time=2.794547140598297s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.795

339PM5.txt Time=3.577133595943451s Backtracks=69 Assignments=73 Solved=True  
AvgBacktrackTime=0.05184

Solution:5/5

:Avg runtime: 2.422 Avg Backtracks: 20.2 Avg Assignments: 40.8

339PH1.txt Time=24.412262678146362s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.41

339PH2.txt Time=1.6342954635620117s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.3269

339PH3.txt Time=158.49353194236755s Backtracks=1012 Assignments=1020 Solved=True  
AvgBacktrackTime=0.1566

339PH4.txt Time=44.03883743286133s Backtracks=338 Assignments=352 Solved=True  
AvgBacktrackTime=0.1303

339PH5.txt Time=Infinitys Backtracks=3671 Assignments=3687 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1005.4 Avg Assignments: 1046.6

340 [(['NKD', 'ArcConsistency', 'NKT', 'ForwardChecking'), 'MRV', 'LCV']

340PE1.txt Time=0.062488365173339847s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

340PE2.txt Time=0.11136343479156494s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05568

340PE3.txt Time=0.2146070957183838s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05365



340PE4.txt Time=0.09291496276855468s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09291

340PE5.txt Time=0.054712653160095215s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1072 Avg Backtracks: 1.4 Avg Assignments: 3.2

340PM1.txt Time=0.5744884610176086s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1915

340PM2.txt Time=2.549817740917206s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2833

340PM3.txt Time=2.2723886370658875s Backtracks=2 Assignments=33 Solved=True  
AvgBacktrackTime=1.136

340PM4.txt Time=3.1698853373527527s Backtracks=6 Assignments=50 Solved=True  
AvgBacktrackTime=0.5283

340PM5.txt Time=3.5600494146347046s Backtracks=66 Assignments=70 Solved=True  
AvgBacktrackTime=0.05394

Solution:5/5

:Avg runtime: 2.426 Avg Backtracks: 17.2 Avg Assignments: 40.8

340PH1.txt Time=25.712018728256226s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

340PH2.txt Time=2.029491662979126s Backtracks=8 Assignments=14 Solved=True  
AvgBacktrackTime=0.2537

340PH3.txt Time=68.01566410064697s Backtracks=440 Assignments=448 Solved=True  
AvgBacktrackTime=0.1546

340PH4.txt Time=111.9478166103363s Backtracks=741 Assignments=755 Solved=True  
AvgBacktrackTime=0.1511

340PH5.txt Time=Infinitys Backtracks=7410 Assignments=7550 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1719.8 Avg Assignments: 1787.2

341 [['NKD', 'ArcConsistency', 'NKT', 'ForwardChecking'], 'DH', 'None']

341PE1.txt Time=0.0702357292175293s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07024

341PE2.txt Time=0.08955144882202148s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.02985

341PE3.txt Time=0.1579270601272583s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03948

341PE4.txt Time=0.10742592811584473s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01535

341PE5.txt Time=0.08207111358642578s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01172

Solution:5/5

:Avg runtime: 0.1014 Avg Backtracks: 4.4 Avg Assignments: 5.8

341PM1.txt Time=Infinitys Backtracks=1755 Assignments=1761 Solved=False AvgBacktrackTime=0

341PM2.txt Time=Infinitys Backtracks=1689 Assignments=1707 Solved=False AvgBacktrackTime=0

341PM3.txt Time=Infinitys Backtracks=1605 Assignments=1620 Solved=False AvgBacktrackTime=0

341PM4.txt Time=Infinitys Backtracks=1753 Assignments=1776 Solved=False AvgBacktrackTime=0

341PM5.txt Time=10.11336499452591s Backtracks=250 Assignments=255 Solved=True  
AvgBacktrackTime=0.04045

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1410.4 Avg Assignments: 1423.8

341PH1.txt Time=Infinitys Backtracks=2349 Assignments=2470 Solved=False AvgBacktrackTime=0

341PH2.txt Time=2.3192667961120605s Backtracks=21 Assignments=26 Solved=True  
AvgBacktrackTime=0.1104

341PH3.txt Time=Infinitys Backtracks=5752 Assignments=5768 Solved=False AvgBacktrackTime=0

341PH4.txt Time=Infinitys Backtracks=5878 Assignments=5892 Solved=False AvgBacktrackTime=0

341PH5.txt Time=Infinitys Backtracks=58780 Assignments=58920 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14556.0 Avg Assignments: 14615.2

342 [('NKD', 'ArcConsistency', 'NKT', 'ForwardChecking'), 'DH', 'LCV']

342PE1.txt Time=0.07082056999206543s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07082

342PE2.txt Time=0.0854261875152588s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

342PE3.txt Time=0.12013750076293946s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06007

342PE4.txt Time=0.10574066638946533s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.05287

342PE5.txt Time=0.08130278587341308s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04065

Solution:5/5

:Avg runtime: 0.09266 Avg Backtracks: 1.4 Avg Assignments: 2.8

342PM1.txt Time=Infinitys Backtracks=1705 Assignments=1711 Solved=False AvgBacktrackTime=0

342PM2.txt Time=Infinitys Backtracks=1452 Assignments=1474 Solved=False AvgBacktrackTime=0

342PM3.txt Time=34.58700114488602s Backtracks=803 Assignments=827 Solved=True  
AvgBacktrackTime=0.04307

342PM4.txt Time=Infinitys Backtracks=1552 Assignments=1580 Solved=False AvgBacktrackTime=0

342PM5.txt Time=12.548916399478912s Backtracks=308 Assignments=313 Solved=True  
AvgBacktrackTime=0.04074

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1164.0 Avg Assignments: 1181.0

342PH1.txt Time=Infinitys Backtracks=1644 Assignments=1786 Solved=False AvgBacktrackTime=0

342PH2.txt Time=2.3954102993011475s Backtracks=17 Assignments=22 Solved=True  
AvgBacktrackTime=0.1409

342PH3.txt Time=Infinitys Backtracks=5701 Assignments=5719 Solved=False AvgBacktrackTime=0

342PH4.txt Time=Infinitys Backtracks=5448 Assignments=5463 Solved=False AvgBacktrackTime=0

342PH5.txt Time=Infinitys Backtracks=54480 Assignments=54630 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13458.0 Avg Assignments: 13524.0

343 [(['NKD', 'NKT', 'ForwardChecking', 'ArcConsistency'), 'None', 'None']

343PE1.txt Time=0.04839944839477539s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01613

343PE2.txt Time=0.09450418949127197s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03150

343PE3.txt Time=0.20513131618499755s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02051

343PE4.txt Time=0.0878591775894165s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

343PE5.txt Time=0.05212669372558594s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01303

Solution:5/5

:Avg runtime: 0.0976 Avg Backtracks: 4.0 Avg Assignments: 5.8

343PM1.txt Time=0.3933337926864624s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.06556

343PM2.txt Time=Infinitys Backtracks=1064 Assignments=1083 Solved=False AvgBacktrackTime=0

343PM3.txt Time=1.6349543929100037s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.09617

343PM4.txt Time=2.052119791507721s Backtracks=1 Assignments=33 Solved=True  
AvgBacktrackTime=2.052

343PM5.txt Time=1.359553337097168s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.05438

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 222.6 Avg Assignments: 238.0

343PH1.txt Time=23.639667987823486s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=1.244

343PH2.txt Time=1.0742707252502441s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2149

343PH3.txt Time=164.76440167427063s Backtracks=959 Assignments=968 Solved=True  
AvgBacktrackTime=0.1718

343PH4.txt Time=367.2077693939209s Backtracks=2582 Assignments=2593 Solved=True  
AvgBacktrackTime=0.1422

343PH5.txt Time=Infinitys Backtracks=25820 Assignments=25930 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5877.0 Avg Assignments: 5933.2

344 [(['NKD', 'NKT', 'ForwardChecking', 'ArcConsistency'), 'None', 'LCV']

344PE1.txt Time=0.05313553810119629s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

344PE2.txt Time=0.1000377893447876s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05002

344PE3.txt Time=0.19929811954498292s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02491

344PE4.txt Time=0.09708847999572753s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09709

344PE5.txt Time=0.05383455753326416s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1007 Avg Backtracks: 2.2 Avg Assignments: 4.0

344PM1.txt Time=0.38410764932632446s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.3841

344PM2.txt Time=1.7898517847061157s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

344PM3.txt Time=2.090908646583557s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2323

344PM4.txt Time=Infinitys Backtracks=1418 Assignments=1446 Solved=False AvgBacktrackTime=0

344PM5.txt Time=1.5116639733314514s Backtracks=20 Assignments=25 Solved=True  
AvgBacktrackTime=0.07558

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 289.6 Avg Assignments: 307.6

344PH1.txt Time=22.85959482192993s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.540

344PH2.txt Time=1.6152703762054443s Backtracks=8 Assignments=12 Solved=True  
AvgBacktrackTime=0.2019

344PH3.txt Time=143.34949278831482s Backtracks=917 Assignments=926 Solved=True  
AvgBacktrackTime=0.1563

344PH4.txt Time=134.440571308136s Backtracks=1147 Assignments=1158 Solved=True  
AvgBacktrackTime=0.1172

344PH5.txt Time=Infinitys Backtracks=11470 Assignments=11580 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2710.2 Avg Assignments: 2767.2

345 [(['NKD', 'NKT', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'None']

345PE1.txt Time=0.049647164344787595s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01655

345PE2.txt Time=0.09402718544006347s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03134

345PE3.txt Time=0.17290544509887695s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02882

345PE4.txt Time=0.07481932640075684s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

345PE5.txt Time=0.053939652442932126s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01348

Solution:5/5

:Avg runtime: 0.08906 Avg Backtracks: 3.2 Avg Assignments: 5.0

345PM1.txt Time=0.3945976495742798s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1973

345PM2.txt Time=2.1256420016288757s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3037

345PM3.txt Time=2.7033079266548157s Backtracks=17 Assignments=40 Solved=True  
AvgBacktrackTime=0.1590

345PM4.txt Time=2.8176560401916504s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.818

345PM5.txt Time=3.3306944370269775s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.05843

Solution:5/5

:Avg runtime: 2.274 Avg Backtracks: 16.8 Avg Assignments: 37.2

345PH1.txt Time=24.541202068328857s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.54

345PH2.txt Time=1.2699992656707764s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2540

345PH3.txt Time=152.00690937042236s Backtracks=932 Assignments=940 Solved=True  
AvgBacktrackTime=0.1631

345PH4.txt Time=45.180485248565674s Backtracks=330 Assignments=344 Solved=True  
AvgBacktrackTime=0.1369

345PH5.txt Time=Infinitys Backtracks=3210 Assignments=3225 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 895.6 Avg Assignments: 936.4

346 [(['NKD', 'NKT', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'LCV']

346PE1.txt Time=0.05007476806640625s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

346PE2.txt Time=0.10033562183380126s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05017

346PE3.txt Time=0.16686458587646485s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04172

346PE4.txt Time=0.07860057353973389s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.07860

346PE5.txt Time=0.05397439002990723s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5



:Avg runtime: 0.08998 Avg Backtracks: 1.4 Avg Assignments: 3.2

346PM1.txt Time=0.5393261909484863s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1079

346PM2.txt Time=2.419754207134247s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2689

346PM3.txt Time=2.094597101211548s Backtracks=1 Assignments=31 Solved=True  
AvgBacktrackTime=2.095

346PM4.txt Time=3.2032758593559265s Backtracks=6 Assignments=49 Solved=True  
AvgBacktrackTime=0.5339

346PM5.txt Time=3.4191458225250244s Backtracks=52 Assignments=56 Solved=True  
AvgBacktrackTime=0.06575

Solution:5/5

:Avg runtime: 2.336 Avg Backtracks: 14.6 Avg Assignments: 37.6

346PH1.txt Time=25.466958045959473s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

346PH2.txt Time=1.5266814231872559s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.3053

346PH3.txt Time=68.04722952842712s Backtracks=393 Assignments=401 Solved=True  
AvgBacktrackTime=0.1731

346PH4.txt Time=110.92928719520569s Backtracks=690 Assignments=704 Solved=True  
AvgBacktrackTime=0.1608

346PH5.txt Time=Infinitys Backtracks=6900 Assignments=7040 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1597.6 Avg Assignments: 1664.8

347 [('NKD', 'NKT', 'ForwardChecking', 'ArcConsistency'), 'DH', 'None']

347PE1.txt Time=0.06490259170532227s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06490

347PE2.txt Time=0.08945891857147217s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02236

347PE3.txt Time=0.1345426321029663s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03364

347PE4.txt Time=0.10505297183990478s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01051

347PE5.txt Time=0.07327706813812256s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01047

Solution:5/5

:Avg runtime: 0.09346 Avg Backtracks: 5.2 Avg Assignments: 6.6

347PM1.txt Time=Infinitys Backtracks=1859 Assignments=1862 Solved=False AvgBacktrackTime=0

347PM2.txt Time=Infinitys Backtracks=1983 Assignments=1996 Solved=False AvgBacktrackTime=0

347PM3.txt Time=Infinitys Backtracks=1845 Assignments=1862 Solved=False AvgBacktrackTime=0

347PM4.txt Time=Infinitys Backtracks=1995 Assignments=2019 Solved=False AvgBacktrackTime=0

347PM5.txt Time=8.485991418361664s Backtracks=202 Assignments=206 Solved=True  
AvgBacktrackTime=0.04201

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1576.8 Avg Assignments: 1589.0

347PH1.txt Time=Infinitys Backtracks=3056 Assignments=3180 Solved=False AvgBacktrackTime=0

347PH2.txt Time=1.330840826034546s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2662

347PH3.txt Time=Infinitys Backtracks=6128 Assignments=6138 Solved=False AvgBacktrackTime=0

347PH4.txt Time=Infinitys Backtracks=5819 Assignments=5830 Solved=False AvgBacktrackTime=0

347PH5.txt Time=Infinitys Backtracks=58190 Assignments=58300 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14639.6 Avg Assignments: 14691.6

348 [('NKD', 'NKT', 'ForwardChecking', 'ArcConsistency'), 'DH', 'LCV']

348PE1.txt Time=0.058553671836853026s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05855

348PE2.txt Time=0.08462245464324951s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

348PE3.txt Time=0.12028050422668457s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06014

348PE4.txt Time=0.13778309822082518s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02756

348PE5.txt Time=0.07255144119262695s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03628

Solution:5/5

:Avg runtime: 0.09478 Avg Backtracks: 2.0 Avg Assignments: 3.4

348PM1.txt Time=Infinitys Backtracks=1817 Assignments=1820 Solved=False AvgBacktrackTime=0

348PM2.txt Time=Infinitys Backtracks=1864 Assignments=1884 Solved=False AvgBacktrackTime=0

348PM3.txt Time=28.746980249881744s Backtracks=769 Assignments=794 Solved=True  
AvgBacktrackTime=0.03738

348PM4.txt Time=Infinitys Backtracks=1926 Assignments=1956 Solved=False AvgBacktrackTime=0

348PM5.txt Time=13.39706426858902s Backtracks=269 Assignments=273 Solved=True  
AvgBacktrackTime=0.04980

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1329.0 Avg Assignments: 1345.4

348PH1.txt Time=Infinitys Backtracks=2205 Assignments=2346 Solved=False AvgBacktrackTime=0  
348PH2.txt Time=1.660780906677246s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.2373  
348PH3.txt Time=Infinitys Backtracks=6213 Assignments=6229 Solved=False AvgBacktrackTime=0  
348PH4.txt Time=Infinitys Backtracks=5839 Assignments=5850 Solved=False AvgBacktrackTime=0  
348PH5.txt Time=Infinitys Backtracks=58390 Assignments=58500 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14530.8 Avg Assignments: 14587.4

349 [(['NKD', 'NKT', 'ArcConsistency', 'ForwardChecking'), 'None', 'None']

349PE1.txt Time=0.05755648612976074s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01919  
349PE2.txt Time=0.10091915130615234s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03364  
349PE3.txt Time=0.21656451225280762s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02166  
349PE4.txt Time=0.08376576900482177s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0  
349PE5.txt Time=0.053690528869628905s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01342

Solution:5/5

:Avg runtime: 0.1025 Avg Backtracks: 4.0 Avg Assignments: 5.8

349PM1.txt Time=0.4320024847984314s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.07200  
349PM2.txt Time=Infinitys Backtracks=1064 Assignments=1087 Solved=False AvgBacktrackTime=0  
349PM3.txt Time=1.6520447134971619s Backtracks=17 Assignments=34 Solved=True  
AvgBacktrackTime=0.09718

349PM4.txt Time=2.103720784187317s Backtracks=1 Assignments=33 Solved=True  
AvgBacktrackTime=2.104

349PM5.txt Time=1.3728135824203491s Backtracks=25 Assignments=30 Solved=True  
AvgBacktrackTime=0.05491

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 222.6 Avg Assignments: 238.8

349PH1.txt Time=24.101198434829712s Backtracks=19 Assignments=166 Solved=True  
AvgBacktrackTime=1.268

349PH2.txt Time=1.1790211200714111s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2358

349PH3.txt Time=145.03630328178406s Backtracks=959 Assignments=968 Solved=True  
AvgBacktrackTime=0.1512

349PH4.txt Time=332.8363742828369s Backtracks=2582 Assignments=2593 Solved=True  
AvgBacktrackTime=0.1289

349PH5.txt Time=Infinitys Backtracks=25820 Assignments=25930 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5877.0 Avg Assignments: 5933.2

350 [(['NKD', 'NKT', 'ArcConsistency', 'ForwardChecking'), 'None', 'LCV']

350PE1.txt Time=0.05782992839813232s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

350PE2.txt Time=0.10543363094329834s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05272

350PE3.txt Time=0.21143751144409179s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02643

350PE4.txt Time=0.0877542495727539s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.08775

350PE5.txt Time=0.05323319435119629s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1031 Avg Backtracks: 2.2 Avg Assignments: 4.0

350PM1.txt Time=0.398126482963562s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.3981

350PM2.txt Time=1.7799551486968994s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

350PM3.txt Time=2.147883713245392s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2387

350PM4.txt Time=Infinitys Backtracks=1408 Assignments=1438 Solved=False AvgBacktrackTime=0

350PM5.txt Time=1.3924837112426758s Backtracks=20 Assignments=25 Solved=True  
AvgBacktrackTime=0.06962

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 287.6 Avg Assignments: 306.0

350PH1.txt Time=22.487664461135864s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.499

350PH2.txt Time=1.6618852615356445s Backtracks=8 Assignments=12 Solved=True  
AvgBacktrackTime=0.2077

350PH3.txt Time=127.13453388214111s Backtracks=917 Assignments=926 Solved=True  
AvgBacktrackTime=0.1386

350PH4.txt Time=123.77155804634094s Backtracks=1147 Assignments=1158 Solved=True  
AvgBacktrackTime=0.1079

350PH5.txt Time=Infinitys Backtracks=11470 Assignments=11580 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2710.2 Avg Assignments: 2767.2

351 [('NKD', 'NKT', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'None']

351PE1.txt Time=0.05762767791748047s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01921

351PE2.txt Time=0.09958446025848389s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03319

351PE3.txt Time=0.1838156223297119s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03064

351PE4.txt Time=0.10451793670654297s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

351PE5.txt Time=0.053311848640441896s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01333

Solution:5/5

:Avg runtime: 0.09976 Avg Backtracks: 3.2 Avg Assignments: 5.0

351PM1.txt Time=0.41125208139419556s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2056

351PM2.txt Time=2.133215308189392s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3047

351PM3.txt Time=2.605646073818207s Backtracks=17 Assignments=40 Solved=True  
AvgBacktrackTime=0.1533

351PM4.txt Time=2.757097065448761s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.757

351PM5.txt Time=3.2436970472335815s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.05691

Solution:5/5

:Avg runtime: 2.23 Avg Backtracks: 16.8 Avg Assignments: 37.2

351PH1.txt Time=24.324984073638916s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.32

351PH2.txt Time=1.3858904838562012s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2772

351PH3.txt Time=139.76059103012085s Backtracks=932 Assignments=940 Solved=True  
AvgBacktrackTime=0.1500

351PH4.txt Time=42.6612753868103s Backtracks=330 Assignments=344 Solved=True  
AvgBacktrackTime=0.1293

351PH5.txt Time=Infinitys Backtracks=3351 Assignments=3362 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 923.8 Avg Assignments: 963.8

352 [(['NKD', 'NKT', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'LCV']

352PE1.txt Time=0.057784318923950195s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

352PE2.txt Time=0.10553128719329834s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05277

352PE3.txt Time=0.1789604902267456s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04474

352PE4.txt Time=0.09221775531768799s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09222

352PE5.txt Time=0.053648066520690915s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09762 Avg Backtracks: 1.4 Avg Assignments: 3.2

352PM1.txt Time=0.5726750493049622s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.1145

352PM2.txt Time=2.4515005350112915s Backtracks=9 Assignments=42 Solved=True  
AvgBacktrackTime=0.2724



352PM3.txt Time=2.1038119792938232s Backtracks=1 Assignments=31 Solved=True  
AvgBacktrackTime=2.104

352PM4.txt Time=3.0871251225471497s Backtracks=6 Assignments=49 Solved=True  
AvgBacktrackTime=0.5145

352PM5.txt Time=3.4453466534614563s Backtracks=52 Assignments=56 Solved=True  
AvgBacktrackTime=0.06626

Solution:5/5

:Avg runtime: 2.332 Avg Backtracks: 14.6 Avg Assignments: 37.6

352PH1.txt Time=25.589325666427612s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

352PH2.txt Time=1.5634477138519287s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.3127

352PH3.txt Time=60.79485201835632s Backtracks=393 Assignments=401 Solved=True  
AvgBacktrackTime=0.1547

352PH4.txt Time=102.10223817825317s Backtracks=690 Assignments=704 Solved=True  
AvgBacktrackTime=0.1480

352PH5.txt Time=Infinitys Backtracks=6900 Assignments=7040 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1597.6 Avg Assignments: 1664.8

353 [(['NKD', 'NKT', 'ArcConsistency', 'ForwardChecking'), 'DH', 'None']

353PE1.txt Time=0.06751089096069336s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06751

353PE2.txt Time=0.09778826236724854s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02445

353PE3.txt Time=0.13181707859039307s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03295

353PE4.txt Time=0.12370455265045166s Backtracks=10 Assignments=11 Solved=True  
AvgBacktrackTime=0.01237

353PE5.txt Time=0.07342870235443115s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01049

Solution:5/5

:Avg runtime: 0.09884 Avg Backtracks: 5.2 Avg Assignments: 6.6

353PM1.txt Time=Infinitys Backtracks=1959 Assignments=1963 Solved=False AvgBacktrackTime=0

353PM2.txt Time=Infinitys Backtracks=1945 Assignments=1962 Solved=False AvgBacktrackTime=0

353PM3.txt Time=Infinitys Backtracks=1820 Assignments=1837 Solved=False AvgBacktrackTime=0

353PM4.txt Time=Infinitys Backtracks=2074 Assignments=2095 Solved=False AvgBacktrackTime=0

353PM5.txt Time=9.332286417484283s Backtracks=202 Assignments=206 Solved=True  
AvgBacktrackTime=0.04620

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1600.0 Avg Assignments: 1612.6

353PH1.txt Time=Infinitys Backtracks=3038 Assignments=3161 Solved=False AvgBacktrackTime=0

353PH2.txt Time=1.40440034866333s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2809

353PH3.txt Time=Infinitys Backtracks=6361 Assignments=6377 Solved=False AvgBacktrackTime=0

353PH4.txt Time=Infinitys Backtracks=6090 Assignments=6103 Solved=False AvgBacktrackTime=0

353PH5.txt Time=Infinitys Backtracks=60900 Assignments=61030 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 15278.8 Avg Assignments: 15336.2

354 [('NKD', 'NKT', 'ArcConsistency', 'ForwardChecking'), 'DH', 'LCV']

354PE1.txt Time=0.06764059066772461s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06764

354PE2.txt Time=0.0914273977279663s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

354PE3.txt Time=0.11849641799926758s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05925

354PE4.txt Time=0.12253096103668212s Backtracks=5 Assignments=6 Solved=True  
AvgBacktrackTime=0.02451

354PE5.txt Time=0.07311575412750244s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03656

Solution:5/5

:Avg runtime: 0.09464 Avg Backtracks: 2.0 Avg Assignments: 3.4

354PM1.txt Time=Infinitys Backtracks=1942 Assignments=1946 Solved=False AvgBacktrackTime=0

354PM2.txt Time=Infinitys Backtracks=1818 Assignments=1842 Solved=False AvgBacktrackTime=0

354PM3.txt Time=29.143617868423462s Backtracks=769 Assignments=794 Solved=True  
AvgBacktrackTime=0.03790

354PM4.txt Time=Infinitys Backtracks=1869 Assignments=1899 Solved=False AvgBacktrackTime=0

354PM5.txt Time=11.641436457633972s Backtracks=269 Assignments=273 Solved=True  
AvgBacktrackTime=0.04328

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1333.4 Avg Assignments: 1350.8

354PH1.txt Time=Infinitys Backtracks=2173 Assignments=2315 Solved=False AvgBacktrackTime=0

354PH2.txt Time=1.7243874073028564s Backtracks=7 Assignments=12 Solved=True  
AvgBacktrackTime=0.2463

354PH3.txt Time=Infinitys Backtracks=6241 Assignments=6255 Solved=False AvgBacktrackTime=0

354PH4.txt Time=Infinitys Backtracks=5791 Assignments=5808 Solved=False AvgBacktrackTime=0

354PH5.txt Time=Infinitys Backtracks=57910 Assignments=58080 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14424.4 Avg Assignments: 14494.0

355 [('NKT', 'ForwardChecking', 'ArcConsistency', 'NKD'), 'None', 'None']

355PE1.txt Time=0.04845404624938965s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01615

355PE2.txt Time=0.09097228050231934s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03032

355PE3.txt Time=0.2240278720855713s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02240

355PE4.txt Time=0.048671507835388185s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

355PE5.txt Time=0.04643843173980713s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01161

Solution:5/5

:Avg runtime: 0.0917 Avg Backtracks: 4.0 Avg Assignments: 5.6

355PM1.txt Time=0.7012195587158203s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.03896

355PM2.txt Time=Infinitys Backtracks=950 Assignments=971 Solved=False AvgBacktrackTime=0

355PM3.txt Time=1.5118703246116638s Backtracks=9 Assignments=26 Solved=True  
AvgBacktrackTime=0.1680

355PM4.txt Time=2.112976908683777s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.056

355PM5.txt Time=1.6976677179336548s Backtracks=39 Assignments=44 Solved=True  
AvgBacktrackTime=0.04353

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 203.6 Avg Assignments: 219.6

355PH1.txt Time=24.662633657455444s Backtracks=24 Assignments=171 Solved=True  
AvgBacktrackTime=1.028

355PH2.txt Time=1.2624073028564453s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2525

355PH3.txt Time=208.30114936828613s Backtracks=1182 Assignments=1191 Solved=True  
AvgBacktrackTime=0.1762

355PH4.txt Time=487.3495600223541s Backtracks=3085 Assignments=3096 Solved=True  
AvgBacktrackTime=0.1580

355PH5.txt Time=Infinitys Backtracks=30850 Assignments=30960 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7029.2 Avg Assignments: 7085.6

356 [(['NKT', 'ForwardChecking', 'ArcConsistency', 'NKD'), 'None', 'LCV']

356PE1.txt Time=0.04858109951019287s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

356PE2.txt Time=0.09486129283905029s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04743

356PE3.txt Time=0.20630402565002443s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02579

356PE4.txt Time=0.04925200939178467s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

356PE5.txt Time=0.0473588228225708s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08928 Avg Backtracks: 2.0 Avg Assignments: 3.6

356PM1.txt Time=0.40176963806152344s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2009

356PM2.txt Time=2.127011716365814s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=2.127

356PM3.txt Time=2.0436126589775085s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2271

356PM4.txt Time=Infinitys Backtracks=1139 Assignments=1168 Solved=False AvgBacktrackTime=0

356PM5.txt Time=1.816726565361023s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.05191

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 237.2 Avg Assignments: 256.4

356PH1.txt Time=22.944616317749023s Backtracks=16 Assignments=167 Solved=True  
AvgBacktrackTime=1.434

356PH2.txt Time=2.355193614959717s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.2355

356PH3.txt Time=150.97238945960999s Backtracks=943 Assignments=952 Solved=True  
AvgBacktrackTime=0.1601

356PH4.txt Time=190.3219256401062s Backtracks=1427 Assignments=1438 Solved=True  
AvgBacktrackTime=0.1334

356PH5.txt Time=Infinitys Backtracks=14270 Assignments=14380 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3333.2 Avg Assignments: 3390.4

357 [(['NKT', 'ForwardChecking', 'ArcConsistency', 'NKD'), 'MRV', 'None']

357PE1.txt Time=0.04837298393249512s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01612

357PE2.txt Time=0.09069409370422363s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03023

357PE3.txt Time=0.2385335922241211s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03976

357PE4.txt Time=0.04890151023864746s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

357PE5.txt Time=0.047521448135375975s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01188

Solution:5/5

:Avg runtime: 0.0948 Avg Backtracks: 3.2 Avg Assignments: 4.8

357PM1.txt Time=0.43623703718185425s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1454

357PM2.txt Time=2.117968738079071s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3026

357PM3.txt Time=3.344352960586548s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1593

357PM4.txt Time=2.9321404695510864s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.932

357PM5.txt Time=3.796240210533142s Backtracks=72 Assignments=77 Solved=True  
AvgBacktrackTime=0.05273

Solution:5/5

:Avg runtime: 2.526 Avg Backtracks: 20.8 Avg Assignments: 42.2

357PH1.txt Time=24.347660303115845s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.35

357PH2.txt Time=1.2109317779541016s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2422

357PH3.txt Time=184.44185090065002s Backtracks=1076 Assignments=1084 Solved=True  
AvgBacktrackTime=0.1714

357PH4.txt Time=54.99278807640076s Backtracks=362 Assignments=376 Solved=True  
AvgBacktrackTime=0.1519

357PH5.txt Time=Infinitys Backtracks=3620 Assignments=3760 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1012.8 Avg Assignments: 1078.6

358 [(['NKT', 'ForwardChecking', 'ArcConsistency', 'NKD'), 'MRV', 'LCV']

358PE1.txt Time=0.04858837127685547s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

358PE2.txt Time=0.09515581130981446s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04758

358PE3.txt Time=0.22039973735809326s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05510

358PE4.txt Time=0.04935281276702881s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

358PE5.txt Time=0.047681355476379396s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09224 Avg Backtracks: 1.2 Avg Assignments: 2.8

358PM1.txt Time=0.6041050553321838s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.1208

358PM2.txt Time=2.4918813705444336s Backtracks=6 Assignments=39 Solved=True  
AvgBacktrackTime=0.4153

358PM3.txt Time=2.244751989841461s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

358PM4.txt Time=3.1751506328582764s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.7938



358PM5.txt Time=4.397873342037201s Backtracks=67 Assignments=72 Solved=True  
AvgBacktrackTime=0.06564

Solution:5/5

:Avg runtime: 2.582 Avg Backtracks: 16.4 Avg Assignments: 40.2

358PH1.txt Time=25.44347095489502s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0

358PH2.txt Time=2.102383613586426s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.2336

358PH3.txt Time=84.12004089355469s Backtracks=465 Assignments=473 Solved=True  
AvgBacktrackTime=0.1809

358PH4.txt Time=133.86885929107666s Backtracks=806 Assignments=820 Solved=True  
AvgBacktrackTime=0.1661

358PH5.txt Time=Infinitys Backtracks=8060 Assignments=8200 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1868.0 Avg Assignments: 1935.2

359 [(['NKT', 'ForwardChecking', 'ArcConsistency', 'NKD'), 'DH', 'None']

359PE1.txt Time=0.05855658054351807s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05856

359PE2.txt Time=0.08250601291656494s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04125

359PE3.txt Time=0.15603501796722413s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03901

359PE4.txt Time=0.08064959049224854s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01152

359PE5.txt Time=0.07709441184997559s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01101

Solution:5/5

:Avg runtime: 0.09096 Avg Backtracks: 4.2 Avg Assignments: 5.6

359PM1.txt Time=Infinitys Backtracks=1727 Assignments=1735 Solved=False AvgBacktrackTime=0

359PM2.txt Time=Infinitys Backtracks=2007 Assignments=2024 Solved=False AvgBacktrackTime=0

359PM3.txt Time=Infinitys Backtracks=1788 Assignments=1807 Solved=False AvgBacktrackTime=0

359PM4.txt Time=Infinitys Backtracks=1892 Assignments=1916 Solved=False AvgBacktrackTime=0

359PM5.txt Time=10.028427243232727s Backtracks=182 Assignments=187 Solved=True  
AvgBacktrackTime=0.05510

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1519.2 Avg Assignments: 1533.8

359PH1.txt Time=Infinitys Backtracks=3192 Assignments=3314 Solved=False AvgBacktrackTime=0

359PH2.txt Time=5.592106103897095s Backtracks=36 Assignments=41 Solved=True  
AvgBacktrackTime=0.1553

359PH3.txt Time=Infinitys Backtracks=5352 Assignments=5375 Solved=False AvgBacktrackTime=0

359PH4.txt Time=Infinitys Backtracks=5703 Assignments=5716 Solved=False AvgBacktrackTime=0

359PH5.txt Time=Infinitys Backtracks=57030 Assignments=57160 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14262.6 Avg Assignments: 14321.2

360 [('NKT', 'ForwardChecking', 'ArcConsistency', 'NKD'), 'DH', 'LCV']

360PE1.txt Time=0.05888340473175049s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05888

360PE2.txt Time=0.08384392261505128s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0

360PE3.txt Time=0.12045235633850097s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06023

360PE4.txt Time=0.07863225936889648s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03932

360PE5.txt Time=0.07652077674865723s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03826

Solution:5/5

:Avg runtime: 0.08366 Avg Backtracks: 1.4 Avg Assignments: 2.8

360PM1.txt Time=Infinitys Backtracks=1632 Assignments=1637 Solved=False AvgBacktrackTime=0

360PM2.txt Time=Infinitys Backtracks=1746 Assignments=1768 Solved=False AvgBacktrackTime=0

360PM3.txt Time=34.389687061309814s Backtracks=903 Assignments=928 Solved=True  
AvgBacktrackTime=0.03808

360PM4.txt Time=Infinitys Backtracks=1930 Assignments=1961 Solved=False AvgBacktrackTime=0

360PM5.txt Time=12.46501350402832s Backtracks=212 Assignments=217 Solved=True  
AvgBacktrackTime=0.05880

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1284.6 Avg Assignments: 1302.2

360PH1.txt Time=Infinitys Backtracks=2396 Assignments=2538 Solved=False AvgBacktrackTime=0

360PH2.txt Time=5.058569431304932s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.1367

360PH3.txt Time=Infinitys Backtracks=5077 Assignments=5088 Solved=False AvgBacktrackTime=0

360PH4.txt Time=Infinitys Backtracks=5531 Assignments=5549 Solved=False AvgBacktrackTime=0

360PH5.txt Time=Infinitys Backtracks=55310 Assignments=55490 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13670.2 Avg Assignments: 13741.4

361 [('NKT', 'ForwardChecking', 'NKD', 'ArcConsistency'), 'None', 'None']

361PE1.txt Time=0.04747140407562256s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01582

361PE2.txt Time=0.0531832218170166s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01773

361PE3.txt Time=0.15750257968902587s Backtracks=6 Assignments=8 Solved=True  
AvgBacktrackTime=0.02625

361PE4.txt Time=0.046048903465271s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

361PE5.txt Time=0.04763627052307129s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01191

Solution:5/5

:Avg runtime: 0.07036 Avg Backtracks: 3.2 Avg Assignments: 4.4

361PM1.txt Time=0.5261116623878479s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.08769

361PM2.txt Time=Infinitys Backtracks=935 Assignments=953 Solved=False AvgBacktrackTime=0

361PM3.txt Time=1.443281352519989s Backtracks=8 Assignments=24 Solved=True  
AvgBacktrackTime=0.1804

361PM4.txt Time=2.0738219022750854s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.037

361PM5.txt Time=1.6403416991233826s Backtracks=37 Assignments=41 Solved=True  
AvgBacktrackTime=0.04433

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 197.6 Avg Assignments: 212.4

361PH1.txt Time=23.868035316467285s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=1.326

361PH2.txt Time=1.0398824214935303s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2080

361PH3.txt Time=196.8831684589386s Backtracks=992 Assignments=1001 Solved=True  
AvgBacktrackTime=0.1985

361PH4.txt Time=360.1176383495331s Backtracks=2116 Assignments=2127 Solved=True  
AvgBacktrackTime=0.1702

361PH5.txt Time=Infinitys Backtracks=21160 Assignments=21270 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 4858.2 Avg Assignments: 4914.4

362 [('NKT', 'ForwardChecking', 'NKD', 'ArcConsistency'), 'None', 'LCV']

362PE1.txt Time=0.04742085933685303s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

362PE2.txt Time=0.05328803062438965s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05329

362PE3.txt Time=0.15729033946990967s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.03146

362PE4.txt Time=0.04650745391845703s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

362PE5.txt Time=0.04639570713043213s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.07018 Avg Backtracks: 1.2 Avg Assignments: 2.4

362PM1.txt Time=0.41043156385421753s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.4104

362PM2.txt Time=1.7689682245254517s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

362PM3.txt Time=1.9399728178977966s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.6467

362PM4.txt Time=Infinitys Backtracks=1123 Assignments=1150 Solved=False AvgBacktrackTime=0

362PM5.txt Time=1.694989800453186s Backtracks=31 Assignments=35 Solved=True  
AvgBacktrackTime=0.05468

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 231.6 Avg Assignments: 249.2

362PH1.txt Time=22.855517864227295s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.540

362PH2.txt Time=1.682234525680542s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2403

362PH3.txt Time=168.54192066192627s Backtracks=958 Assignments=967 Solved=True  
AvgBacktrackTime=0.1759

362PH4.txt Time=121.07051944732666s Backtracks=898 Assignments=909 Solved=True  
AvgBacktrackTime=0.1348

362PH5.txt Time=Infinitys Backtracks=8980 Assignments=9090 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2170.4 Avg Assignments: 2227.4

363 [(['NKT', 'ForwardChecking', 'NKD', 'ArcConsistency'), 'MRV', 'None']

363PE1.txt Time=0.04738273620605469s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01579

363PE2.txt Time=0.06219391822814942s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02073

363PE3.txt Time=0.1632920265197754s Backtracks=5 Assignments=7 Solved=True  
AvgBacktrackTime=0.03266

363PE4.txt Time=0.0463062047958374s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

363PE5.txt Time=0.046999239921569826s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01175

Solution:5/5

:Avg runtime: 0.07324 Avg Backtracks: 3.0 Avg Assignments: 4.2

363PM1.txt Time=0.3866783380508423s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1933

363PM2.txt Time=2.099376916885376s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2999

363PM3.txt Time=3.0000393390655518s Backtracks=16 Assignments=41 Solved=True  
AvgBacktrackTime=0.1875

363PM4.txt Time=2.894431471824646s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.894

363PM5.txt Time=4.068955779075623s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.07139

Solution:5/5

:Avg runtime: 2.49 Avg Backtracks: 16.6 Avg Assignments: 37.4

363PH1.txt Time=24.527968883514404s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.53

363PH2.txt Time=1.226940393447876s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2454

363PH3.txt Time=166.73386979103088s Backtracks=884 Assignments=892 Solved=True  
AvgBacktrackTime=0.1886

363PH4.txt Time=44.216604709625244s Backtracks=294 Assignments=308 Solved=True  
AvgBacktrackTime=0.1504

363PH5.txt Time=Infinitys Backtracks=2884 Assignments=2893 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 813.6 Avg Assignments: 853.0

364 [('NKT', 'ForwardChecking', 'NKD', 'ArcConsistency'), 'MRV', 'LCV']

364PE1.txt Time=0.04747934341430664s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

364PE2.txt Time=0.06683814525604248s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06684

364PE3.txt Time=0.16533956527709961s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04133

364PE4.txt Time=0.04645800590515137s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

364PE5.txt Time=0.04762756824493408s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.07474 Avg Backtracks: 1.0 Avg Assignments: 2.2

364PM1.txt Time=0.46033644676208496s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2302

364PM2.txt Time=2.3599973917007446s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.4720

364PM3.txt Time=2.0821297764778137s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

364PM4.txt Time=3.265451669692993s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8164

364PM5.txt Time=4.425971746444702s Backtracks=53 Assignments=57 Solved=True  
AvgBacktrackTime=0.08351

Solution:5/5



:Avg runtime: 2.518 Avg Backtracks: 12.8 Avg Assignments: 35.8

364PH1.txt Time=25.059072256088257s Backtracks=0 Assignments=168 Solved=True  
AvgBacktrackTime=0

364PH2.txt Time=1.445899486541748s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.3615

364PH3.txt Time=73.82947039604187s Backtracks=372 Assignments=380 Solved=True  
AvgBacktrackTime=0.1985

364PH4.txt Time=113.46212387084961s Backtracks=639 Assignments=653 Solved=True  
AvgBacktrackTime=0.1776

364PH5.txt Time=Infinitys Backtracks=6390 Assignments=6530 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1481.0 Avg Assignments: 1547.8

365 [(['NKT', 'ForwardChecking', 'NKD', 'ArcConsistency'), 'DH', 'None']

365PE1.txt Time=0.056134152412414554s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05613

365PE2.txt Time=0.04723763465881348s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02362

365PE3.txt Time=0.17635118961334229s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04409

365PE4.txt Time=0.07659175395965576s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01094

365PE5.txt Time=0.07715964317321777s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01102

Solution:5/5

:Avg runtime: 0.08672 Avg Backtracks: 4.2 Avg Assignments: 5.4

365PM1.txt Time=Infinitys Backtracks=1556 Assignments=1565 Solved=False AvgBacktrackTime=0  
365PM2.txt Time=Infinitys Backtracks=1786 Assignments=1805 Solved=False AvgBacktrackTime=0  
365PM3.txt Time=Infinitys Backtracks=1551 Assignments=1569 Solved=False AvgBacktrackTime=0  
365PM4.txt Time=Infinitys Backtracks=1825 Assignments=1847 Solved=False AvgBacktrackTime=0  
365PM5.txt Time=6.309375643730164s Backtracks=104 Assignments=108 Solved=True  
AvgBacktrackTime=0.06067

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1364.4 Avg Assignments: 1378.8

365PH1.txt Time=Infinitys Backtracks=3189 Assignments=3309 Solved=False AvgBacktrackTime=0  
365PH2.txt Time=5.254792213439941s Backtracks=31 Assignments=35 Solved=True  
AvgBacktrackTime=0.1695  
365PH3.txt Time=Infinitys Backtracks=4466 Assignments=4480 Solved=False AvgBacktrackTime=0  
365PH4.txt Time=Infinitys Backtracks=4340 Assignments=4354 Solved=False AvgBacktrackTime=0  
365PH5.txt Time=Infinitys Backtracks=43400 Assignments=43540 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11085.2 Avg Assignments: 11143.6

366 [(['NKT', 'ForwardChecking', 'NKD', 'ArcConsistency'), 'DH', 'LCV']

366PE1.txt Time=0.05570402145385742s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05570  
366PE2.txt Time=0.045901918411254884s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0  
366PE3.txt Time=0.09340317249298095s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09340  
366PE4.txt Time=0.07480666637420655s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03740

366PE5.txt Time=0.07616600990295411s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03808

Solution:5/5

:Avg runtime: 0.0692 Avg Backtracks: 1.2 Avg Assignments: 2.4

366PM1.txt Time=Infinitys Backtracks=1495 Assignments=1502 Solved=False AvgBacktrackTime=0

366PM2.txt Time=Infinitys Backtracks=1631 Assignments=1652 Solved=False AvgBacktrackTime=0

366PM3.txt Time=30.651217818260193s Backtracks=771 Assignments=796 Solved=True  
AvgBacktrackTime=0.03976

366PM4.txt Time=Infinitys Backtracks=1707 Assignments=1736 Solved=False AvgBacktrackTime=0

366PM5.txt Time=8.158458948135376s Backtracks=126 Assignments=130 Solved=True  
AvgBacktrackTime=0.06475

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1146.0 Avg Assignments: 1163.2

366PH1.txt Time=Infinitys Backtracks=2400 Assignments=2541 Solved=False AvgBacktrackTime=0

366PH2.txt Time=2.242979049682617s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.3738

366PH3.txt Time=Infinitys Backtracks=4475 Assignments=4486 Solved=False AvgBacktrackTime=0

366PH4.txt Time=Infinitys Backtracks=4662 Assignments=4676 Solved=False AvgBacktrackTime=0

366PH5.txt Time=Infinitys Backtracks=46620 Assignments=46760 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 11632.6 Avg Assignments: 11694.6

367 [['NKT', 'ArcConsistency', 'ForwardChecking', 'NKD'), 'None', 'None']

367PE1.txt Time=0.06304371356964111s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02101

367PE2.txt Time=0.0988696813583374s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03296

367PE3.txt Time=0.26228082180023193s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02623

367PE4.txt Time=0.06663782596588134s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

367PE5.txt Time=0.055727791786193845s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01393

Solution:5/5

:Avg runtime: 0.1093 Avg Backtracks: 4.0 Avg Assignments: 5.6

367PM1.txt Time=0.8245119452476501s Backtracks=18 Assignments=23 Solved=True  
AvgBacktrackTime=0.04581

367PM2.txt Time=Infinitys Backtracks=968 Assignments=991 Solved=False AvgBacktrackTime=0

367PM3.txt Time=1.528808832168579s Backtracks=9 Assignments=26 Solved=True  
AvgBacktrackTime=0.1699

367PM4.txt Time=2.13582706451416s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.068

367PM5.txt Time=2.0688655376434326s Backtracks=39 Assignments=44 Solved=True  
AvgBacktrackTime=0.05305

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 207.2 Avg Assignments: 223.6

367PH1.txt Time=25.12597131729126s Backtracks=24 Assignments=171 Solved=True  
AvgBacktrackTime=1.047

367PH2.txt Time=1.3677175045013428s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2735

367PH3.txt Time=188.19995141029358s Backtracks=1182 Assignments=1191 Solved=True  
AvgBacktrackTime=0.1592

367PH4.txt Time=436.7143974304199s Backtracks=3085 Assignments=3096 Solved=True  
AvgBacktrackTime=0.1416

367PH5.txt Time=Infinitys Backtracks=30850 Assignments=30960 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 7029.2 Avg Assignments: 7085.6

368 [(['NKT', 'ArcConsistency', 'ForwardChecking', 'NKD'), 'None', 'LCV']

368PE1.txt Time=0.06415672302246093s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

368PE2.txt Time=0.10252275466918945s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05126

368PE3.txt Time=0.23226542472839357s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02903

368PE4.txt Time=0.06695888042449952s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

368PE5.txt Time=0.05602371692657471s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1044 Avg Backtracks: 2.0 Avg Assignments: 3.6

368PM1.txt Time=0.4270282983779907s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2135

368PM2.txt Time=2.1123290061950684s Backtracks=1 Assignments=32 Solved=True  
AvgBacktrackTime=2.112

368PM3.txt Time=2.1031165719032288s Backtracks=9 Assignments=35 Solved=True  
AvgBacktrackTime=0.2337

368PM4.txt Time=Infinitys Backtracks=1223 Assignments=1249 Solved=False AvgBacktrackTime=0

368PM5.txt Time=2.158280849456787s Backtracks=35 Assignments=40 Solved=True  
AvgBacktrackTime=0.06167

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 254.0 Avg Assignments: 272.6

368PH1.txt Time=22.963036060333252s Backtracks=16 Assignments=167 Solved=True  
AvgBacktrackTime=1.435

368PH2.txt Time=2.2868969440460205s Backtracks=10 Assignments=15 Solved=True  
AvgBacktrackTime=0.2287

368PH3.txt Time=139.54975366592407s Backtracks=943 Assignments=952 Solved=True  
AvgBacktrackTime=0.1480

368PH4.txt Time=166.85549139976501s Backtracks=1427 Assignments=1438 Solved=True  
AvgBacktrackTime=0.1169

368PH5.txt Time=Infinitys Backtracks=14270 Assignments=14380 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3333.2 Avg Assignments: 3390.4

369 [(['NKT', 'ArcConsistency', 'ForwardChecking', 'NKD'), 'MRV', 'None']

369PE1.txt Time=0.06393492221832275s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02131

369PE2.txt Time=0.09896485805511475s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03299

369PE3.txt Time=0.23278684616088868s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03880

369PE4.txt Time=0.06668765544891357s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

369PE5.txt Time=0.055054664611816406s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01376

Solution:5/5

:Avg runtime: 0.1035 Avg Backtracks: 3.2 Avg Assignments: 4.8

369PM1.txt Time=0.4705274701118469s Backtracks=3 Assignments=9 Solved=True  
AvgBacktrackTime=0.1568

369PM2.txt Time=2.096996486186981s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.2996

369PM3.txt Time=3.1445165276527405s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1497

369PM4.txt Time=2.8513394594192505s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.851

369PM5.txt Time=4.303250789642334s Backtracks=72 Assignments=77 Solved=True  
AvgBacktrackTime=0.05977

Solution:5/5

:Avg runtime: 2.574 Avg Backtracks: 20.8 Avg Assignments: 42.2

369PH1.txt Time=24.429200649261475s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.43

369PH2.txt Time=1.3153183460235596s Backtracks=5 Assignments=10 Solved=True  
AvgBacktrackTime=0.2631

369PH3.txt Time=166.9133915901184s Backtracks=1076 Assignments=1084 Solved=True  
AvgBacktrackTime=0.1551

369PH4.txt Time=49.38921666145325s Backtracks=362 Assignments=376 Solved=True  
AvgBacktrackTime=0.1364

369PH5.txt Time=Infinitys Backtracks=3135 Assignments=3153 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 915.8 Avg Assignments: 957.2

370 [('NKT', 'ArcConsistency', 'ForwardChecking', 'NKD'), 'MRV', 'LCV']

370PE1.txt Time=0.06343367099761962s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

370PE2.txt Time=0.10265910625457764s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05133

370PE3.txt Time=0.2067903995513916s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05170

370PE4.txt Time=0.06701252460479737s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

370PE5.txt Time=0.055313849449157716s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09904 Avg Backtracks: 1.2 Avg Assignments: 2.8

370PM1.txt Time=0.6099437475204468s Backtracks=5 Assignments=11 Solved=True  
AvgBacktrackTime=0.1220

370PM2.txt Time=2.482684552669525s Backtracks=6 Assignments=39 Solved=True  
AvgBacktrackTime=0.4138

370PM3.txt Time=2.1867900490760803s Backtracks=0 Assignments=31 Solved=True  
AvgBacktrackTime=0

370PM4.txt Time=3.187177062034607s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.7968

370PM5.txt Time=4.510246813297272s Backtracks=67 Assignments=72 Solved=True  
AvgBacktrackTime=0.06732

Solution:5/5

:Avg runtime: 2.596 Avg Backtracks: 16.4 Avg Assignments: 40.2

370PH1.txt Time=25.34464693069458s Backtracks=0 Assignments=169 Solved=True  
AvgBacktrackTime=0



370PH2.txt Time=2.2455880641937256s Backtracks=9 Assignments=14 Solved=True  
AvgBacktrackTime=0.2495

370PH3.txt Time=74.37921190261841s Backtracks=465 Assignments=473 Solved=True  
AvgBacktrackTime=0.1600

370PH4.txt Time=123.59395933151245s Backtracks=806 Assignments=820 Solved=True  
AvgBacktrackTime=0.1533

370PH5.txt Time=Infinitys Backtracks=8060 Assignments=8200 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1868.0 Avg Assignments: 1935.2

371 [('NKT', 'ArcConsistency', 'ForwardChecking', 'NKD'), 'DH', 'None']

371PE1.txt Time=0.07299704551696777s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07300

371PE2.txt Time=0.09303076267242431s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04652

371PE3.txt Time=0.1438809871673584s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03597

371PE4.txt Time=0.10383291244506836s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01483

371PE5.txt Time=0.08454370498657227s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01208

Solution:5/5

:Avg runtime: 0.09964 Avg Backtracks: 4.2 Avg Assignments: 5.6

371PM1.txt Time=Infinitys Backtracks=1840 Assignments=1845 Solved=False AvgBacktrackTime=0

371PM2.txt Time=Infinitys Backtracks=1983 Assignments=1999 Solved=False AvgBacktrackTime=0

371PM3.txt Time=Infinitys Backtracks=1815 Assignments=1832 Solved=False AvgBacktrackTime=0

371PM4.txt Time=Infinitys Backtracks=1943 Assignments=1967 Solved=False AvgBacktrackTime=0

371PM5.txt Time=9.12278026342392s Backtracks=182 Assignments=187 Solved=True  
AvgBacktrackTime=0.05013

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1552.6 Avg Assignments: 1566.0

371PH1.txt Time=Infinitys Backtracks=3088 Assignments=3211 Solved=False AvgBacktrackTime=0

371PH2.txt Time=4.810319185256958s Backtracks=36 Assignments=41 Solved=True  
AvgBacktrackTime=0.1336

371PH3.txt Time=Infinitys Backtracks=5726 Assignments=5747 Solved=False AvgBacktrackTime=0

371PH4.txt Time=Infinitys Backtracks=5632 Assignments=5644 Solved=False AvgBacktrackTime=0

371PH5.txt Time=Infinitys Backtracks=56320 Assignments=56440 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14160.4 Avg Assignments: 14216.6

372 [['NKT', 'ArcConsistency', 'ForwardChecking', 'NKD'), 'DH', 'LCV']

372PE1.txt Time=0.07245941162109375s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07246

372PE2.txt Time=0.0922661542892456s Backtracks=0 Assignments=2 Solved=True AvgBacktrackTime=0

372PE3.txt Time=0.12423894405364991s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06212

372PE4.txt Time=0.10213429927825927s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.05107

372PE5.txt Time=0.08381810188293456s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04191

Solution:5/5

:Avg runtime: 0.09496 Avg Backtracks: 1.4 Avg Assignments: 2.8

372PM1.txt Time=Infinitys Backtracks=1814 Assignments=1819 Solved=False AvgBacktrackTime=0

372PM2.txt Time=Infinitys Backtracks=1716 Assignments=1738 Solved=False AvgBacktrackTime=0

372PM3.txt Time=34.528324604034424s Backtracks=903 Assignments=928 Solved=True  
AvgBacktrackTime=0.03824

372PM4.txt Time=Infinitys Backtracks=1948 Assignments=1981 Solved=False AvgBacktrackTime=0

372PM5.txt Time=10.76951915025711s Backtracks=212 Assignments=217 Solved=True  
AvgBacktrackTime=0.05080

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1318.6 Avg Assignments: 1336.6

372PH1.txt Time=Infinitys Backtracks=2343 Assignments=2485 Solved=False AvgBacktrackTime=0

372PH2.txt Time=4.638177156448364s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.1254

372PH3.txt Time=Infinitys Backtracks=5364 Assignments=5375 Solved=False AvgBacktrackTime=0

372PH4.txt Time=Infinitys Backtracks=5516 Assignments=5534 Solved=False AvgBacktrackTime=0

372PH5.txt Time=Infinitys Backtracks=55160 Assignments=55340 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13684.0 Avg Assignments: 13755.2

373 [('NKT', 'ArcConsistency', 'NKD', 'ForwardChecking'), 'None', 'None']

373PE1.txt Time=0.06256027221679687s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02085

373PE2.txt Time=0.10244112014770508s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02561

373PE3.txt Time=0.2312732458114624s Backtracks=10 Assignments=13 Solved=True  
AvgBacktrackTime=0.02313

373PE4.txt Time=0.06658732891082764s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

373PE5.txt Time=0.054383587837219236s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01360

Solution:5/5

:Avg runtime: 0.1035 Avg Backtracks: 4.2 Avg Assignments: 5.8

373PM1.txt Time=0.610110878944397s Backtracks=11 Assignments=16 Solved=True  
AvgBacktrackTime=0.05546

373PM2.txt Time=Infinitys Backtracks=989 Assignments=1008 Solved=False AvgBacktrackTime=0

373PM3.txt Time=1.3996831178665161s Backtracks=8 Assignments=24 Solved=True  
AvgBacktrackTime=0.1750

373PM4.txt Time=2.0620744824409485s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.031

373PM5.txt Time=1.79345703125s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.04847

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 209.4 Avg Assignments: 224.8

373PH1.txt Time=23.75394582748413s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=1.320

373PH2.txt Time=1.1216440200805664s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2243

373PH3.txt Time=182.30761337280273s Backtracks=1138 Assignments=1147 Solved=True  
AvgBacktrackTime=0.1602

373PH4.txt Time=386.02418065071106s Backtracks=2810 Assignments=2821 Solved=True  
AvgBacktrackTime=0.1374

373PH5.txt Time=Infinitys Backtracks=28100 Assignments=28210 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 6414.2 Avg Assignments: 6470.4

374 [('NKT', 'ArcConsistency', 'NKD', 'ForwardChecking'), 'None', 'LCV']

374PE1.txt Time=0.0635674238204956s Backtracks=0 Assignments=1 Solved=True AvgBacktrackTime=0

374PE2.txt Time=0.10184681415557861s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1018

374PE3.txt Time=0.22796595096588135s Backtracks=8 Assignments=11 Solved=True  
AvgBacktrackTime=0.02850

374PE4.txt Time=0.06708669662475586s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

374PE5.txt Time=0.05460233688354492s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.1030 Avg Backtracks: 1.8 Avg Assignments: 3.4

374PM1.txt Time=0.4217582941055298s Backtracks=0 Assignments=5 Solved=True  
AvgBacktrackTime=0

374PM2.txt Time=1.7802841067314148s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

374PM3.txt Time=1.9281843304634094s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.6427

374PM4.txt Time=Infinitys Backtracks=1258 Assignments=1287 Solved=False AvgBacktrackTime=0

374PM5.txt Time=1.8135009407997131s Backtracks=32 Assignments=37 Solved=True  
AvgBacktrackTime=0.05667

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 258.6 Avg Assignments: 277.0

374PH1.txt Time=22.617146730422974s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.513

374PH2.txt Time=1.6673293113708496s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2382

374PH3.txt Time=163.30327224731445s Backtracks=1104 Assignments=1113 Solved=True  
AvgBacktrackTime=0.1479

374PH4.txt Time=140.5107204914093s Backtracks=1265 Assignments=1276 Solved=True  
AvgBacktrackTime=0.1111

374PH5.txt Time=Infinitys Backtracks=12650 Assignments=12760 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 3007.0 Avg Assignments: 3064.0

375 [('NKT', 'ArcConsistency', 'NKD', 'ForwardChecking'), 'MRV', 'None']

375PE1.txt Time=0.06402640342712403s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.02134

375PE2.txt Time=0.10232336521148681s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.02558

375PE3.txt Time=0.21051480770111083s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03509

375PE4.txt Time=0.06677229404449463s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

375PE5.txt Time=0.05425961017608642s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01356

Solution:5/5

:Avg runtime: 0.0996 Avg Backtracks: 3.4 Avg Assignments: 5.0

375PM1.txt Time=0.5043625235557556s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.1261

375PM2.txt Time=2.118575870990753s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3027

375PM3.txt Time=3.042272627353668s Backtracks=21 Assignments=47 Solved=True  
AvgBacktrackTime=0.1449

375PM4.txt Time=2.8478033542633057s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.848

375PM5.txt Time=4.081486165523529s Backtracks=63 Assignments=68 Solved=True  
AvgBacktrackTime=0.06479

Solution:5/5

:Avg runtime: 2.518 Avg Backtracks: 19.2 Avg Assignments: 40.6

375PH1.txt Time=24.140433311462402s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.14

375PH2.txt Time=1.3356215953826904s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.1908

375PH3.txt Time=159.76409363746643s Backtracks=1012 Assignments=1020 Solved=True  
AvgBacktrackTime=0.1579

375PH4.txt Time=47.43147659301758s Backtracks=356 Assignments=370 Solved=True  
AvgBacktrackTime=0.1332

375PH5.txt Time=Infinitys Backtracks=3036 Assignments=3042 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 882.4 Avg Assignments: 921.2

376 [(['NKT', 'ArcConsistency', 'NKD', 'ForwardChecking'), 'MRV', 'LCV']

376PE1.txt Time=0.06398096084594726s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

376PE2.txt Time=0.1005401849746704s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1005

376PE3.txt Time=0.2066498041152954s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.05166

376PE4.txt Time=0.06727373600006104s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

376PE5.txt Time=0.054430580139160155s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.09856 Avg Backtracks: 1.0 Avg Assignments: 2.6

376PM1.txt Time=0.5475460290908813s Backtracks=4 Assignments=10 Solved=True  
AvgBacktrackTime=0.1369

376PM2.txt Time=2.3815475702285767s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.4763

376PM3.txt Time=2.091931641101837s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

376PM4.txt Time=3.2319830656051636s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8080

376PM5.txt Time=4.11913275718689s Backtracks=59 Assignments=64 Solved=True  
AvgBacktrackTime=0.06982

Solution:5/5

:Avg runtime: 2.474 Avg Backtracks: 14.4 Avg Assignments: 37.8

376PH1.txt Time=25.739736557006836s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=25.74

376PH2.txt Time=1.477433204650879s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.2462

376PH3.txt Time=70.57004523277283s Backtracks=435 Assignments=443 Solved=True  
AvgBacktrackTime=0.1622

376PH4.txt Time=119.14439177513123s Backtracks=782 Assignments=796 Solved=True  
AvgBacktrackTime=0.1524

376PH5.txt Time=Infinitys Backtracks=7820 Assignments=7960 Solved=False AvgBacktrackTime=0



Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1808.8 Avg Assignments: 1875.8

377 [('NKT', 'ArcConsistency', 'NKD', 'ForwardChecking'), 'DH', 'None']

377PE1.txt Time=0.0716259241104126s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07163

377PE2.txt Time=0.09497642517089844s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04749

377PE3.txt Time=0.14974348545074462s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03744

377PE4.txt Time=0.10376040935516358s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01482

377PE5.txt Time=0.08223333358764648s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01175

Solution:5/5

:Avg runtime: 0.1005 Avg Backtracks: 4.2 Avg Assignments: 5.6

377PM1.txt Time=Infinitys Backtracks=1822 Assignments=1830 Solved=False AvgBacktrackTime=0

377PM2.txt Time=Infinitys Backtracks=1933 Assignments=1950 Solved=False AvgBacktrackTime=0

377PM3.txt Time=Infinitys Backtracks=1807 Assignments=1824 Solved=False AvgBacktrackTime=0

377PM4.txt Time=Infinitys Backtracks=1954 Assignments=1981 Solved=False AvgBacktrackTime=0

377PM5.txt Time=7.146877110004425s Backtracks=152 Assignments=157 Solved=True  
AvgBacktrackTime=0.04702

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1533.6 Avg Assignments: 1548.4

377PH1.txt Time=Infinitys Backtracks=3091 Assignments=3215 Solved=False AvgBacktrackTime=0  
377PH2.txt Time=4.239787340164185s Backtracks=32 Assignments=37 Solved=True  
AvgBacktrackTime=0.1325  
377PH3.txt Time=Infinitys Backtracks=5679 Assignments=5697 Solved=False AvgBacktrackTime=0  
377PH4.txt Time=Infinitys Backtracks=4980 Assignments=4994 Solved=False AvgBacktrackTime=0  
377PH5.txt Time=Infinitys Backtracks=49800 Assignments=49940 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 12716.4 Avg Assignments: 12776.6

378 [(['NKT', 'ArcConsistency', 'NKD', 'ForwardChecking'), 'DH', 'LCV']

378PE1.txt Time=0.07136430740356445s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.07136  
378PE2.txt Time=0.09409539699554444s Backtracks=0 Assignments=2 Solved=True  
AvgBacktrackTime=0  
378PE3.txt Time=0.12182464599609374s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.06091  
378PE4.txt Time=0.10240039825439454s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.05120  
378PE5.txt Time=0.08294949531555176s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04147

Solution:5/5

:Avg runtime: 0.09452 Avg Backtracks: 1.4 Avg Assignments: 2.8

378PM1.txt Time=Infinitys Backtracks=1780 Assignments=1784 Solved=False AvgBacktrackTime=0  
378PM2.txt Time=Infinitys Backtracks=1651 Assignments=1671 Solved=False AvgBacktrackTime=0  
378PM3.txt Time=30.923015475273132s Backtracks=786 Assignments=811 Solved=True  
AvgBacktrackTime=0.03934

378PM4.txt Time=Infinitys Backtracks=1770 Assignments=1800 Solved=False AvgBacktrackTime=0

378PM5.txt Time=9.191145777702332s Backtracks=190 Assignments=195 Solved=True  
AvgBacktrackTime=0.04837

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1235.4 Avg Assignments: 1252.2

378PH1.txt Time=Infinitys Backtracks=2328 Assignments=2471 Solved=False AvgBacktrackTime=0

378PH2.txt Time=3.9621036052703857s Backtracks=32 Assignments=37 Solved=True  
AvgBacktrackTime=0.1238

378PH3.txt Time=Infinitys Backtracks=5499 Assignments=5514 Solved=False AvgBacktrackTime=0

378PH4.txt Time=Infinitys Backtracks=5611 Assignments=5626 Solved=False AvgBacktrackTime=0

378PH5.txt Time=Infinitys Backtracks=56110 Assignments=56260 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13916.0 Avg Assignments: 13981.6

379 [('NKT', 'NKD', 'ForwardChecking', 'ArcConsistency'), 'None', 'None']

379PE1.txt Time=0.04992518424987793s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01664

379PE2.txt Time=0.0924340009689331s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03081

379PE3.txt Time=0.19886577129364014s Backtracks=7 Assignments=10 Solved=True  
AvgBacktrackTime=0.02841

379PE4.txt Time=0.04774441719055176s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

379PE5.txt Time=0.05031528472900391s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01258

Solution:5/5

:Avg runtime: 0.08786 Avg Backtracks: 3.4 Avg Assignments: 5.0

379PM1.txt Time=0.4545367956161499s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.07576

379PM2.txt Time=Infinitys Backtracks=1021 Assignments=1040 Solved=False AvgBacktrackTime=0

379PM3.txt Time=1.419317364692688s Backtracks=8 Assignments=24 Solved=True  
AvgBacktrackTime=0.1774

379PM4.txt Time=2.1015514731407166s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.051

379PM5.txt Time=1.6145628094673157s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.04364

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 214.8 Avg Assignments: 230.0

379PH1.txt Time=23.821245193481445s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=1.323

379PH2.txt Time=1.016632080078125s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2033

379PH3.txt Time=174.9499363899231s Backtracks=992 Assignments=1001 Solved=True  
AvgBacktrackTime=0.1764

379PH4.txt Time=331.74748611450195s Backtracks=2242 Assignments=2253 Solved=True  
AvgBacktrackTime=0.1480

379PH5.txt Time=Infinitys Backtracks=22420 Assignments=22530 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5135.4 Avg Assignments: 5191.6

380 [('NKT', 'NKD', 'ForwardChecking', 'ArcConsistency'), 'None', 'LCV']

380PE1.txt Time=0.04909522533416748s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

380PE2.txt Time=0.10029208660125732s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05015

380PE3.txt Time=0.19381184577941896s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.03876

380PE4.txt Time=0.04814586639404297s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

380PE5.txt Time=0.050712418556213376s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0884 Avg Backtracks: 1.4 Avg Assignments: 3.0

380PM1.txt Time=0.41738295555114746s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.4174

380PM2.txt Time=1.762890338897705s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

380PM3.txt Time=1.8790208101272583s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.6263

380PM4.txt Time=Infinitys Backtracks=1449 Assignments=1476 Solved=False AvgBacktrackTime=0

380PM5.txt Time=1.7108381986618042s Backtracks=31 Assignments=36 Solved=True  
AvgBacktrackTime=0.05519

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 296.8 Avg Assignments: 314.6

380PH1.txt Time=22.89901328086853s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.544

380PH2.txt Time=1.6078977584838867s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2297

380PH3.txt Time=149.69073152542114s Backtracks=958 Assignments=967 Solved=True  
AvgBacktrackTime=0.1563

380PH4.txt Time=117.99858784675598s Backtracks=980 Assignments=991 Solved=True  
AvgBacktrackTime=0.1204

380PH5.txt Time=Infinitys Backtracks=9800 Assignments=9910 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2350.8 Avg Assignments: 2407.8

381 [(['NKT', 'NKD', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'None']

381PE1.txt Time=0.05022099018096924s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01674

381PE2.txt Time=0.09228060245513917s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03076

381PE3.txt Time=0.17309751510620117s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.02885

381PE4.txt Time=0.047890233993530276s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

381PE5.txt Time=0.05112481117248535s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01278

Solution:5/5

:Avg runtime: 0.08292 Avg Backtracks: 3.2 Avg Assignments: 4.8

381PM1.txt Time=0.3886420726776123s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.1943

381PM2.txt Time=2.1153522729873657s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3022

381PM3.txt Time=2.8644473552703857s Backtracks=16 Assignments=41 Solved=True  
AvgBacktrackTime=0.1790

381PM4.txt Time=2.749336540699005s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.749

381PM5.txt Time=3.6836047172546387s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.06462

Solution:5/5

:Avg runtime: 2.36 Avg Backtracks: 16.6 Avg Assignments: 37.4

381PH1.txt Time=24.387383937835693s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.39

381PH2.txt Time=1.2152345180511475s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2430

381PH3.txt Time=152.09304881095886s Backtracks=874 Assignments=882 Solved=True  
AvgBacktrackTime=0.1740

381PH4.txt Time=41.89944410324097s Backtracks=300 Assignments=314 Solved=True  
AvgBacktrackTime=0.1397

381PH5.txt Time=Infinitys Backtracks=2943 Assignments=2955 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 824.6 Avg Assignments: 864.6

382 [(['NKT', 'NKD', 'ForwardChecking', 'ArcConsistency'), 'MRV', 'LCV']

382PE1.txt Time=0.05007359981536865s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

382PE2.txt Time=0.09974243640899658s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.04987

382PE3.txt Time=0.1697244882583618s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04243

382PE4.txt Time=0.04804222583770752s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

382PE5.txt Time=0.05073490142822266s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.08364 Avg Backtracks: 1.2 Avg Assignments: 2.8

382PM1.txt Time=0.4694920778274536s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2347

382PM2.txt Time=2.286095142364502s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.4572

382PM3.txt Time=2.0723645091056824s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

382PM4.txt Time=3.1105560064315796s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.7776

382PM5.txt Time=3.906740427017212s Backtracks=53 Assignments=57 Solved=True  
AvgBacktrackTime=0.07371

Solution:5/5

:Avg runtime: 2.37 Avg Backtracks: 12.8 Avg Assignments: 35.8

382PH1.txt Time=25.878249406814575s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=25.88

382PH2.txt Time=1.4824764728546143s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.3706

382PH3.txt Time=68.46900677680969s Backtracks=372 Assignments=380 Solved=True  
AvgBacktrackTime=0.1841

382PH4.txt Time=105.6846342086792s Backtracks=659 Assignments=673 Solved=True  
AvgBacktrackTime=0.1604

382PH5.txt Time=Infinitys Backtracks=6590 Assignments=6730 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1525.2 Avg Assignments: 1592.2



383 [('NKT', 'NKD', 'ForwardChecking', 'ArcConsistency'), 'DH', 'None']

383PE1.txt Time=0.05927610397338867s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05928

383PE2.txt Time=0.04816503524780273s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.02408

383PE3.txt Time=0.1287567138671875s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.03219

383PE4.txt Time=0.07630951404571533s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01090

383PE5.txt Time=0.07232367992401123s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01033

Solution:5/5

:Avg runtime: 0.07696 Avg Backtracks: 4.2 Avg Assignments: 5.4

383PM1.txt Time=Infinitys Backtracks=1872 Assignments=1877 Solved=False AvgBacktrackTime=0

383PM2.txt Time=Infinitys Backtracks=2062 Assignments=2081 Solved=False AvgBacktrackTime=0

383PM3.txt Time=Infinitys Backtracks=1821 Assignments=1837 Solved=False AvgBacktrackTime=0

383PM4.txt Time=Infinitys Backtracks=2148 Assignments=2175 Solved=False AvgBacktrackTime=0

383PM5.txt Time=5.578193664550781s Backtracks=104 Assignments=109 Solved=True  
AvgBacktrackTime=0.05364

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1601.4 Avg Assignments: 1615.8

383PH1.txt Time=Infinitys Backtracks=3136 Assignments=3258 Solved=False AvgBacktrackTime=0

383PH2.txt Time=4.213739395141602s Backtracks=29 Assignments=33 Solved=True  
AvgBacktrackTime=0.1453

383PH3.txt Time=Infinitys Backtracks=5131 Assignments=5147 Solved=False AvgBacktrackTime=0

383PH4.txt Time=Infinitys Backtracks=5211 Assignments=5223 Solved=False AvgBacktrackTime=0

383PH5.txt Time=Infinitys Backtracks=52110 Assignments=52230 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13123.4 Avg Assignments: 13178.2

384 [(['NKT', 'NKD', 'ForwardChecking', 'ArcConsistency'), 'DH', 'LCV']

384PE1.txt Time=0.05977523326873779s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.05978

384PE2.txt Time=0.04773471355438232s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

384PE3.txt Time=0.09601995944976807s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.09602

384PE4.txt Time=0.07462959289550782s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03731

384PE5.txt Time=0.07272608280181884s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03636

Solution:5/5

:Avg runtime: 0.07016 Avg Backtracks: 1.2 Avg Assignments: 2.4

384PM1.txt Time=Infinitys Backtracks=1833 Assignments=1837 Solved=False AvgBacktrackTime=0

384PM2.txt Time=Infinitys Backtracks=1820 Assignments=1841 Solved=False AvgBacktrackTime=0

384PM3.txt Time=28.510588109493256s Backtracks=795 Assignments=820 Solved=True  
AvgBacktrackTime=0.03586

384PM4.txt Time=Infinitys Backtracks=1898 Assignments=1926 Solved=False AvgBacktrackTime=0

384PM5.txt Time=7.241305649280548s Backtracks=126 Assignments=131 Solved=True  
AvgBacktrackTime=0.05747

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1294.4 Avg Assignments: 1311.0

384PH1.txt Time=Infinitys Backtracks=2340 Assignments=2481 Solved=False AvgBacktrackTime=0

384PH2.txt Time=1.9624032974243164s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.3271

384PH3.txt Time=Infinitys Backtracks=5261 Assignments=5282 Solved=False AvgBacktrackTime=0

384PH4.txt Time=Infinitys Backtracks=5580 Assignments=5595 Solved=False AvgBacktrackTime=0

384PH5.txt Time=Infinitys Backtracks=55800 Assignments=55950 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13797.4 Avg Assignments: 13863.6

385 [(['NKT', 'NKD', 'ArcConsistency', 'ForwardChecking'), 'None', 'None']

385PE1.txt Time=0.05519900321960449s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01840

385PE2.txt Time=0.09764487743377685s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03255

385PE3.txt Time=0.19779202938079835s Backtracks=7 Assignments=10 Solved=True  
AvgBacktrackTime=0.02826

385PE4.txt Time=0.061088061332702635s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

385PE5.txt Time=0.05461504459381104s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01365

Solution:5/5

:Avg runtime: 0.09326 Avg Backtracks: 3.4 Avg Assignments: 5.0

385PM1.txt Time=0.4677738547325134s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.07796

385PM2.txt Time=Infinitys Backtracks=1026 Assignments=1047 Solved=False AvgBacktrackTime=0

385PM3.txt Time=1.3800700306892395s Backtracks=8 Assignments=24 Solved=True  
AvgBacktrackTime=0.1725

385PM4.txt Time=2.1178793907165527s Backtracks=2 Assignments=34 Solved=True  
AvgBacktrackTime=1.059

385PM5.txt Time=1.7993577718734741s Backtracks=37 Assignments=42 Solved=True  
AvgBacktrackTime=0.04863

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 215.8 Avg Assignments: 231.4

385PH1.txt Time=24.267929553985596s Backtracks=18 Assignments=165 Solved=True  
AvgBacktrackTime=1.348

385PH2.txt Time=1.078061580657959s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2156

385PH3.txt Time=163.62666749954224s Backtracks=992 Assignments=1001 Solved=True  
AvgBacktrackTime=0.1649

385PH4.txt Time=301.03756880760193s Backtracks=2242 Assignments=2253 Solved=True  
AvgBacktrackTime=0.1343

385PH5.txt Time=Infinitys Backtracks=22420 Assignments=22530 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 5135.4 Avg Assignments: 5191.6

386 [(['NKT', 'NKD', 'ArcConsistency', 'ForwardChecking'), 'None', 'LCV']

386PE1.txt Time=0.05589728355407715s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

386PE2.txt Time=0.10360369682312012s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05180

386PE3.txt Time=0.19539034366607666s Backtracks=5 Assignments=8 Solved=True  
AvgBacktrackTime=0.03908

386PE4.txt Time=0.06134018898010254s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

386PE5.txt Time=0.05332205295562744s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0939 Avg Backtracks: 1.4 Avg Assignments: 3.0

386PM1.txt Time=0.40184485912323s Backtracks=1 Assignments=5 Solved=True  
AvgBacktrackTime=0.4018

386PM2.txt Time=1.7793888449668884s Backtracks=0 Assignments=27 Solved=True  
AvgBacktrackTime=0

386PM3.txt Time=1.8972048163414001s Backtracks=3 Assignments=29 Solved=True  
AvgBacktrackTime=0.6324

386PM4.txt Time=Infinitys Backtracks=1413 Assignments=1442 Solved=False AvgBacktrackTime=0

386PM5.txt Time=1.830242395401001s Backtracks=31 Assignments=36 Solved=True  
AvgBacktrackTime=0.05904

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 289.6 Avg Assignments: 307.8

386PH1.txt Time=22.274067163467407s Backtracks=9 Assignments=160 Solved=True  
AvgBacktrackTime=2.475

386PH2.txt Time=1.6378865242004395s Backtracks=7 Assignments=11 Solved=True  
AvgBacktrackTime=0.2340

386PH3.txt Time=140.32063913345337s Backtracks=958 Assignments=967 Solved=True  
AvgBacktrackTime=0.1465

386PH4.txt Time=109.21105146408081s Backtracks=980 Assignments=991 Solved=True  
AvgBacktrackTime=0.1114

386PH5.txt Time=Infinitys Backtracks=9800 Assignments=9910 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 2350.8 Avg Assignments: 2407.8

387 [('NKT', 'NKD', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'None']

387PE1.txt Time=0.05539336204528809s Backtracks=3 Assignments=4 Solved=True  
AvgBacktrackTime=0.01846

387PE2.txt Time=0.09679343700408935s Backtracks=3 Assignments=5 Solved=True  
AvgBacktrackTime=0.03226

387PE3.txt Time=0.19846341609954835s Backtracks=6 Assignments=9 Solved=True  
AvgBacktrackTime=0.03308

387PE4.txt Time=0.06081314086914062s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

387PE5.txt Time=0.05297753810882568s Backtracks=4 Assignments=5 Solved=True  
AvgBacktrackTime=0.01324

Solution:5/5

:Avg runtime: 0.0929 Avg Backtracks: 3.2 Avg Assignments: 4.8

387PM1.txt Time=0.4179873466491699s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2090

387PM2.txt Time=2.111438512802124s Backtracks=7 Assignments=37 Solved=True  
AvgBacktrackTime=0.3016

387PM3.txt Time=2.7774462699890137s Backtracks=16 Assignments=41 Solved=True  
AvgBacktrackTime=0.1736

387PM4.txt Time=2.8315699100494385s Backtracks=1 Assignments=41 Solved=True  
AvgBacktrackTime=2.832

387PM5.txt Time=3.4333006739616394s Backtracks=57 Assignments=61 Solved=True  
AvgBacktrackTime=0.06023

Solution:5/5

:Avg runtime: 2.314 Avg Backtracks: 16.6 Avg Assignments: 37.4

387PH1.txt Time=24.39106035232544s Backtracks=1 Assignments=163 Solved=True  
AvgBacktrackTime=24.39

387PH2.txt Time=1.1751749515533447s Backtracks=5 Assignments=9 Solved=True  
AvgBacktrackTime=0.2350

387PH3.txt Time=139.0244104862213s Backtracks=874 Assignments=882 Solved=True  
AvgBacktrackTime=0.1591

387PH4.txt Time=38.89905118942261s Backtracks=300 Assignments=314 Solved=True  
AvgBacktrackTime=0.1297

387PH5.txt Time=Infinitys Backtracks=3023 Assignments=3042 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 840.6 Avg Assignments: 882.0

388 [(['NKT', 'NKD', 'ArcConsistency', 'ForwardChecking'), 'MRV', 'LCV']

388PE1.txt Time=0.05633835792541504s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

388PE2.txt Time=0.10519559383392334s Backtracks=2 Assignments=4 Solved=True  
AvgBacktrackTime=0.05260

388PE3.txt Time=0.18362855911254883s Backtracks=4 Assignments=7 Solved=True  
AvgBacktrackTime=0.04591

388PE4.txt Time=0.06137216091156006s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

388PE5.txt Time=0.05447237491607666s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

Solution:5/5

:Avg runtime: 0.0922 Avg Backtracks: 1.2 Avg Assignments: 2.8

388PM1.txt Time=0.4607500433921814s Backtracks=2 Assignments=7 Solved=True  
AvgBacktrackTime=0.2304

388PM2.txt Time=2.2999172806739807s Backtracks=5 Assignments=37 Solved=True  
AvgBacktrackTime=0.4600

388PM3.txt Time=2.1318618059158325s Backtracks=0 Assignments=30 Solved=True  
AvgBacktrackTime=0

388PM4.txt Time=3.210893452167511s Backtracks=4 Assignments=48 Solved=True  
AvgBacktrackTime=0.8027

388PM5.txt Time=3.490963339805603s Backtracks=53 Assignments=57 Solved=True  
AvgBacktrackTime=0.06587

Solution:5/5

:Avg runtime: 2.318 Avg Backtracks: 12.8 Avg Assignments: 35.8

388PH1.txt Time=25.96654462814331s Backtracks=1 Assignments=170 Solved=True  
AvgBacktrackTime=25.97

388PH2.txt Time=1.3632473945617676s Backtracks=4 Assignments=8 Solved=True  
AvgBacktrackTime=0.3408

388PH3.txt Time=60.805415630340576s Backtracks=372 Assignments=380 Solved=True  
AvgBacktrackTime=0.1635

388PH4.txt Time=96.61704802513123s Backtracks=659 Assignments=673 Solved=True  
AvgBacktrackTime=0.1466

388PH5.txt Time=Infinitys Backtracks=6590 Assignments=6730 Solved=False AvgBacktrackTime=0

Solution:4/5

:Avg runtime: Infinity Avg Backtracks: 1525.2 Avg Assignments: 1592.2

389 [['NKT', 'NKD', 'ArcConsistency', 'ForwardChecking'], 'DH', 'None']

389PE1.txt Time=0.06678493022918701s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06678



389PE2.txt Time=0.06104822158813476s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03052

389PE3.txt Time=0.1777355909347534s Backtracks=4 Assignments=6 Solved=True  
AvgBacktrackTime=0.04443

389PE4.txt Time=0.08551266193389892s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01222

389PE5.txt Time=0.07488472461700439s Backtracks=7 Assignments=8 Solved=True  
AvgBacktrackTime=0.01070

Solution:5/5

:Avg runtime: 0.09318 Avg Backtracks: 4.2 Avg Assignments: 5.4

389PM1.txt Time=Infinitys Backtracks=1954 Assignments=1956 Solved=False AvgBacktrackTime=0

389PM2.txt Time=Infinitys Backtracks=2034 Assignments=2051 Solved=False AvgBacktrackTime=0

389PM3.txt Time=Infinitys Backtracks=1898 Assignments=1917 Solved=False AvgBacktrackTime=0

389PM4.txt Time=Infinitys Backtracks=2048 Assignments=2074 Solved=False AvgBacktrackTime=0

389PM5.txt Time=4.994185388088226s Backtracks=104 Assignments=109 Solved=True  
AvgBacktrackTime=0.04802

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 1607.6 Avg Assignments: 1621.4

389PH1.txt Time=Infinitys Backtracks=3049 Assignments=3170 Solved=False AvgBacktrackTime=0

389PH2.txt Time=3.9507458209991455s Backtracks=29 Assignments=33 Solved=True  
AvgBacktrackTime=0.1362

389PH3.txt Time=Infinitys Backtracks=5647 Assignments=5662 Solved=False AvgBacktrackTime=0

389PH4.txt Time=Infinitys Backtracks=5543 Assignments=5556 Solved=False AvgBacktrackTime=0

389PH5.txt Time=Infinitys Backtracks=55430 Assignments=55560 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 13939.6 Avg Assignments: 13996.2

390 [('NKT', 'NKD', 'ArcConsistency', 'ForwardChecking'), 'DH', 'LCV']

390PE1.txt Time=0.06747329235076904s Backtracks=1 Assignments=2 Solved=True  
AvgBacktrackTime=0.06747

390PE2.txt Time=0.06048264503479004s Backtracks=0 Assignments=1 Solved=True  
AvgBacktrackTime=0

390PE3.txt Time=0.13160221576690673s Backtracks=1 Assignments=3 Solved=True  
AvgBacktrackTime=0.1316

390PE4.txt Time=0.08392665386199952s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.04196

390PE5.txt Time=0.07436776161193848s Backtracks=2 Assignments=3 Solved=True  
AvgBacktrackTime=0.03718

Solution:5/5

:Avg runtime: 0.08358 Avg Backtracks: 1.2 Avg Assignments: 2.4

390PM1.txt Time=Infinitys Backtracks=1914 Assignments=1916 Solved=False AvgBacktrackTime=0

390PM2.txt Time=Infinitys Backtracks=1802 Assignments=1823 Solved=False AvgBacktrackTime=0

390PM3.txt Time=28.610901057720184s Backtracks=795 Assignments=820 Solved=True  
AvgBacktrackTime=0.03599

390PM4.txt Time=Infinitys Backtracks=1805 Assignments=1832 Solved=False AvgBacktrackTime=0

390PM5.txt Time=6.036868214607239s Backtracks=126 Assignments=131 Solved=True  
AvgBacktrackTime=0.04791

Solution:2/5

:Avg runtime: Infinity Avg Backtracks: 1288.4 Avg Assignments: 1304.4

390PH1.txt Time=Infinitys Backtracks=2321 Assignments=2462 Solved=False AvgBacktrackTime=0

390PH2.txt Time=1.869471549987793s Backtracks=6 Assignments=10 Solved=True  
AvgBacktrackTime=0.3116

390PH3.txt Time=Infinitys Backtracks=5598 Assignments=5618 Solved=False AvgBacktrackTime=0  
390PH4.txt Time=Infinitys Backtracks=5898 Assignments=5915 Solved=False AvgBacktrackTime=0  
390PH5.txt Time=Infinitys Backtracks=58980 Assignments=59150 Solved=False AvgBacktrackTime=0

Solution:1/5

:Avg runtime: Infinity Avg Backtracks: 14560.6 Avg Assignments: 14631.0

PE1.txt

Success Rate=0.9949

Average Backtracks=370.3

Top 5 Solutions:

[('NKD',), 'MRV', 'LCV'] 16 Total Time=0.026801705360412598 Backtracks=1  
AvgBacktrackTime=0.02680

[('NKT', 'NKD'), 'MRV', 'None'] 27 Total Time=0.029026556015014648 Backtracks=3  
AvgBacktrackTime=0.009676

[('NKD', 'NKT'), 'MRV', 'LCV'] 22 Total Time=0.029132080078125 Backtracks=0 AvgBacktrackTime=0

[('NKT', 'NKD'), 'None', 'None'] 25 Total Time=0.029331207275390625 Backtracks=3  
AvgBacktrackTime=0.009777

[('NKD', 'NKT'), 'None', 'LCV'] 20 Total Time=0.029404854774475096 Backtracks=0  
AvgBacktrackTime=0

PE2.txt

Success Rate=0.9949

Average Backtracks=421.9

Top 5 Solutions:

[('NKD', 'NKT'), 'DH', 'LCV'] 24 Total Time=0.031050467491149904 Backtracks=0 AvgBacktrackTime=0

[('NKT', 'NKD'), 'DH', 'LCV'] 30 Total Time=0.03163526058197021 Backtracks=0 AvgBacktrackTime=0

[('NKT', 'NKD'), 'DH', 'None'] 29 Total Time=0.03546211719512939 Backtracks=3  
AvgBacktrackTime=0.01182

[('NKT', 'NKD', 'ArcConsistency'), 'DH', 'LCV'] 96 Total Time=0.035658979415893556 Backtracks=0  
AvgBacktrackTime=0

[('NKT', 'NKD', 'ArcConsistency'), 'DH', 'None'] 95 Total Time=0.036231160163879395 Backtracks=2  
AvgBacktrackTime=0.01812

PE3.txt

Success Rate=0.9846

Average Backtracks=1012

Top 5 Solutions:

[('NKT', 'NKD', 'ArcConsistency'), 'DH', 'LCV'] 96 Total Time=0.07117140293121338 Backtracks=1  
AvgBacktrackTime=0.07117

[('NKD', 'NKT'), 'DH', 'LCV'] 24 Total Time=0.07760889530181884 Backtracks=7  
AvgBacktrackTime=0.01109

[('NKD', 'NKT'), 'MRV', 'LCV'] 22 Total Time=0.08468484878540039 Backtracks=6  
AvgBacktrackTime=0.01411

[('NKD', 'ArcConsistency', 'NKT'), 'DH', 'LCV'] 78 Total Time=0.08846092224121094 Backtracks=2  
AvgBacktrackTime=0.04423

[('NKD', 'NKT', 'ArcConsistency'), 'DH', 'LCV'] 84 Total Time=0.0888350248336792 Backtracks=2  
AvgBacktrackTime=0.04442

PE4.txt

Success Rate=0.9949

Average Backtracks=511.0

Top 5 Solutions:

[('NKT', 'NKD'), 'None', 'None'] 25 Total Time=0.029662132263183594 Backtracks=0  
AvgBacktrackTime=0

[('NKD',), 'MRV', 'None'] 15 Total Time=0.032374095916748044 Backtracks=3  
AvgBacktrackTime=0.01079

[('NKD',), 'None', 'None'] 13 Total Time=0.032509875297546384 Backtracks=2  
AvgBacktrackTime=0.01625

[('NKD',), 'None', 'LCV'] 14 Total Time=0.03258726596832275 Backtracks=2  
AvgBacktrackTime=0.01629

[('NKD',), 'MRV', 'LCV'] 16 Total Time=0.03311467170715332 Backtracks=2 AvgBacktrackTime=0.01656

PE5.txt

Success Rate=0.9949

Average Backtracks=441.1

Top 5 Solutions:

[('NKD',), 'None', 'LCV'] 14 Total Time=0.01836841106414795 Backtracks=1  
AvgBacktrackTime=0.01837

[('NKD',), 'MRV', 'LCV'] 16 Total Time=0.01845712661743164 Backtracks=1 AvgBacktrackTime=0.01846

[('NKD',), 'MRV', 'None'] 15 Total Time=0.018604278564453125 Backtracks=6  
AvgBacktrackTime=0.003101

[('NKD',), 'None', 'None'] 13 Total Time=0.018644380569458007 Backtracks=6  
AvgBacktrackTime=0.003107

[('NKD', 'NKT'), 'None', 'LCV'] 20 Total Time=0.020551013946533202 Backtracks=0  
AvgBacktrackTime=0

PM1.txt

Success Rate=0.6590

Average Backtracks=1297

Top 5 Solutions:

[('NKT', 'NKD'), 'None', 'LCV'] 26 Total Time=0.19849348068237305 Backtracks=6  
AvgBacktrackTime=0.03308

[('NKD',), 'MRV', 'LCV'] 16 Total Time=0.20903688669204712 Backtracks=12  
AvgBacktrackTime=0.01742

[('NKT', 'NKD'), 'MRV', 'None'] 27 Total Time=0.2196761965751648 Backtracks=7  
AvgBacktrackTime=0.03138

[('NKD', 'NKT'), 'MRV', 'None'] 21 Total Time=0.22577625513076782 Backtracks=7  
AvgBacktrackTime=0.03225

[('NKD', 'NKT'), 'None', 'LCV'] 20 Total Time=0.22663038969039917 Backtracks=7  
AvgBacktrackTime=0.03238

PM2.txt

Success Rate=0.4923

Average Backtracks=1423

Top 5 Solutions:

[('NKD',), 'None', 'LCV'] 14 Total Time=0.3287263512611389 Backtracks=11  
AvgBacktrackTime=0.02988

[('NKD',), 'MRV', 'None'] 15 Total Time=0.4427521228790283 Backtracks=25  
AvgBacktrackTime=0.01771

[('NKT',), 'MRV', 'None'] 9 Total Time=0.48802924156188965 Backtracks=12  
AvgBacktrackTime=0.04067

[('NKD', 'NKT'), 'None', 'LCV'] 20 Total Time=0.5270876288414001 Backtracks=1  
AvgBacktrackTime=0.5271

[('NKT',), 'None', 'LCV'] 8 Total Time=0.5281691551208496 Backtracks=3 AvgBacktrackTime=0.1761

PM3.txt

Success Rate=0.7462

Average Backtracks=926.8

Top 5 Solutions:

[('NKT', 'NKD'), 'None', 'None'] 25 Total Time=0.4077579975128174 Backtracks=11  
AvgBacktrackTime=0.03707

[('NKD',), 'MRV', 'LCV'] 16 Total Time=0.47135740518569946 Backtracks=26  
AvgBacktrackTime=0.01813

[('NKT', 'NKD'), 'MRV', 'LCV'] 28 Total Time=0.5760911703109741 Backtracks=0 AvgBacktrackTime=0

[('NKD', 'NKT'), 'None', 'None'] 19 Total Time=0.5847625136375427 Backtracks=26  
AvgBacktrackTime=0.02249

[('NKD', 'NKT'), 'MRV', 'LCV'] 22 Total Time=0.5971459746360779 Backtracks=3  
AvgBacktrackTime=0.1990

PM4.txt

Success Rate=0.4692

Average Backtracks=1479

Top 5 Solutions:

[('NKD',), 'MRV', 'None'] 15 Total Time=0.36011940240859985 Backtracks=2 AvgBacktrackTime=0.1801

[('NKT', 'NKD'), 'None', 'None'] 25 Total Time=0.5979604125022888 Backtracks=2  
AvgBacktrackTime=0.2990

[('NKT',), 'None', 'None'] 7 Total Time=0.616401731967926 Backtracks=13 AvgBacktrackTime=0.04742

[('NKD', 'NKT'), 'None', 'None'] 19 Total Time=0.6206061244010925 Backtracks=3  
AvgBacktrackTime=0.2069



[('NKT',), 'MRV', 'None'] 9 Total Time=0.6213763952255249 Backtracks=1 AvgBacktrackTime=0.6214

PM5.txt

Success Rate=0.8872

Average Backtracks=632.7

Top 5 Solutions:

[('NKD', 'NKT'), 'None', 'None'] 19 Total Time=0.8156580924987793 Backtracks=56  
AvgBacktrackTime=0.01457

[('NKD', 'NKT'), 'None', 'LCV'] 20 Total Time=0.8894836902618408 Backtracks=56  
AvgBacktrackTime=0.01588

[('NKD', 'NKT', 'ArcConsistency'), 'None', 'None'] 79 Total Time=0.89835524559021 Backtracks=25  
AvgBacktrackTime=0.03593

[('NKD', 'NKT', 'ArcConsistency'), 'None', 'LCV'] 80 Total Time=0.9511937499046326 Backtracks=20  
AvgBacktrackTime=0.04756

[('NKD', 'ArcConsistency', 'NKT'), 'None', 'None'] 73 Total Time=0.9738292694091797 Backtracks=37  
AvgBacktrackTime=0.02632

PH1.txt

Success Rate=0.6282

Average Backtracks=3390

Top 5 Solutions:

[('NKD',), 'MRV', 'None'] 15 Total Time=2.4662201404571533 Backtracks=3 AvgBacktrackTime=0.8221

[('NKD',), 'MRV', 'LCV'] 16 Total Time=2.695343255996704 Backtracks=6 AvgBacktrackTime=0.4492

[('NKT',), 'MRV', 'None'] 9 Total Time=5.573627471923828 Backtracks=4 AvgBacktrackTime=1.393

[('NKT',), 'MRV', 'LCV'] 10 Total Time=5.896251201629639 Backtracks=5 AvgBacktrackTime=1.179

[('NKT', 'NKD'), 'MRV', 'None'] 27 Total Time=6.796313524246216 Backtracks=3  
AvgBacktrackTime=2.265

PH2.txt

Success Rate=0.8872

Average Backtracks=607.8

Top 5 Solutions:

[('NKT', 'NKD'), 'MRV', 'None'] 27 Total Time=0.5021519660949707 Backtracks=5  
AvgBacktrackTime=0.1004

[('NKD',), 'MRV', 'None'] 15 Total Time=0.5332314968109131 Backtracks=13  
AvgBacktrackTime=0.04102

[('NKT', 'NKD'), 'None', 'None'] 25 Total Time=0.5610296726226807 Backtracks=7  
AvgBacktrackTime=0.08015

[('NKD', 'NKT'), 'MRV', 'None'] 21 Total Time=0.6320071220397949 Backtracks=9  
AvgBacktrackTime=0.07022

[('NKT', 'NKD', 'ArcConsistency'), 'None', 'None'] 91 Total Time=0.639176607131958 Backtracks=5  
AvgBacktrackTime=0.1278

PH3.txt

Success Rate=0.4205

Average Backtracks=7256

Top 5 Solutions:

[('NKD', 'NKT'), 'MRV', 'LCV'] 22 Total Time=26.31856870651245 Backtracks=597  
AvgBacktrackTime=0.04408

[('NKT', 'NKD'), 'MRV', 'LCV'] 28 Total Time=29.981339931488037 Backtracks=607  
AvgBacktrackTime=0.04939

[('NKD', 'NKT', 'ArcConsistency'), 'MRV', 'LCV'] 82 Total Time=39.03451180458069 Backtracks=393  
AvgBacktrackTime=0.09932

[('NKT', 'NKD', 'ArcConsistency'), 'MRV', 'LCV'] 94 Total Time=39.944109201431274 Backtracks=372  
AvgBacktrackTime=0.1074

[('NKD', 'ArcConsistency', 'NKT'), 'MRV', 'LCV'] 76 Total Time=42.97999358177185 Backtracks=461  
AvgBacktrackTime=0.09323

PH4.txt

Success Rate=0.4282

Average Backtracks=6142

Top 5 Solutions:

[('NKD', 'NKT'), 'MRV', 'None'] 21 Total Time=20.13857412338257 Backtracks=423  
AvgBacktrackTime=0.04761

[('NKT', 'NKD'), 'MRV', 'None'] 27 Total Time=23.094382286071777 Backtracks=453  
AvgBacktrackTime=0.05098

[('NKT', 'NKD', 'ArcConsistency'), 'MRV', 'None'] 93 Total Time=26.46717929840088 Backtracks=300  
AvgBacktrackTime=0.08822

[('NKD', 'ArcConsistency', 'NKT'), 'MRV', 'None'] 75 Total Time=28.15478014945984 Backtracks=342  
AvgBacktrackTime=0.08232

[('NKD', 'NKT', 'ArcConsistency'), 'MRV', 'None'] 81 Total Time=28.26208472251892 Backtracks=330  
AvgBacktrackTime=0.08564

PH5.txt

Success Rate=0.03333

Average Backtracks=6.145E+4

Top 5 Solutions:

[('NKD', 'NKT'), 'MRV', 'None'] 21 Total Time=215.0255572795868 Backtracks=5387  
AvgBacktrackTime=0.03992

[('NKT', 'NKD'), 'MRV', 'None'] 27 Total Time=234.03949451446533 Backtracks=5200  
AvgBacktrackTime=0.04501

[('NKD', 'NKT'), 'MRV', 'LCV'] 22 Total Time=237.26999354362488 Backtracks=5964  
AvgBacktrackTime=0.03978

[('NKT', 'NKD', 'ArcConsistency'), 'MRV', 'None'] 93 Total Time=321.7223014831543 Backtracks=3663  
AvgBacktrackTime=0.08783

[('NKD', 'NKT', 'ArcConsistency'), 'MRV', 'None'] 81 Total Time=331.62927746772766 Backtracks=3524  
AvgBacktrackTime=0.09411

id numBacktracks numAssignments avgtime

PE1.txt

16 1 5 0.026801705360412598

27 3 6 0.029026556015014648

22 0 3 0.029132080078125

25 3 6 0.029331207275390625

20 0 3 0.029404854774475096

91 3 4 0.030712175369262695

93 3 4 0.030828428268432618

92 0 1 0.030959439277648926

94 0 1 0.030980515480041503

15 5 9 0.030987811088562012

13 6 11 0.03126397132873535

14 1 6 0.03131327629089355

79 3 4 0.031891679763793944

81 3 4 0.0318922758102417

80 0 1 0.03201935291290283

19 4 7 0.03216092586517334

21 4 7 0.03217062950134277

7 6 10 0.03217780590057373

8 1 5 0.03293275833129883

82 0 1 0.03304717540740967

26 1 4 0.034099030494689944

10 1 5 0.034201192855834964

28 1 4 0.0345034122467041

58 0 1 0.03494186401367187

57 3 4 0.03532693386077881

219 3 4 0.035451436042785646  
56 0 1 0.035471343994140626  
55 3 4 0.03551745414733887  
217 3 4 0.035577917098999025  
220 0 1 0.03571033477783203  
218 0 1 0.035798144340515134  
44 0 1 0.0361781120300293  
45 3 4 0.036333656311035155  
43 3 4 0.03639960289001465  
280 0 1 0.03715407848358154  
18 1 6 0.03715965747833252  
183 3 4 0.037306571006774904  
46 0 1 0.037384963035583495  
181 3 4 0.037464475631713866  
279 3 4 0.03747513294219971  
277 3 4 0.03750441074371338  
182 0 1 0.0376209020614624  
267 3 4 0.03764026165008545  
75 3 4 0.03768379688262939  
278 0 1 0.037687039375305174  
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