

Output files: output was too long for screenshots

```
// output with timing_graphs_tfriedma.cnf, pretty_print = True
Case 1, 3 nodes: Found solution. Elapsed time: 0.0002 seconds
Case 2, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 3, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 4, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 5, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 6, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 7, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 8, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 9, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 10, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 11, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 12, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 13, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 14, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 15, 3 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 16, 3 nodes: No Solution Found. Elapsed time: 0.0000 seconds
Case 17, 3 nodes: No Solution Found. Elapsed time: 0.0000 seconds
Case 18, 3 nodes: No Solution Found. Elapsed time: 0.0000 seconds
Case 19, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 20, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 21, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 22, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 23, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 24, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 25, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 26, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 27, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 28, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 29, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 30, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 31, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 32, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 33, 4 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 34, 4 nodes: No Solution Found. Elapsed time: 0.0000 seconds
Case 35, 4 nodes: No Solution Found. Elapsed time: 0.0000 seconds
Case 36, 4 nodes: No Solution Found. Elapsed time: 0.0000 seconds
Case 37, 5 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 38, 5 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 39, 5 nodes: Found solution. Elapsed time: 0.0000 seconds
Case 40, 5 nodes: Found solution. Elapsed time: 0.0000 seconds
```

[illegible]

Case 84,	7 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 85,	7 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 86,	7 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 87,	7 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 88,	7 nodes:	No Solution Found.	Elapsed time: 0.0009 seconds
Case 89,	7 nodes:	No Solution Found.	Elapsed time: 0.0009 seconds
Case 90,	7 nodes:	No Solution Found.	Elapsed time: 0.0008 seconds
Case 91,	8 nodes:	Found solution.	Elapsed time: 0.0013 seconds
Case 92,	8 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 93,	8 nodes:	Found solution.	Elapsed time: 0.0002 seconds
Case 94,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 95,	8 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 96,	8 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 97,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 98,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 99,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 100,	8 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 101,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 102,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 103,	8 nodes:	Found solution.	Elapsed time: 0.0004 seconds
Case 104,	8 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 105,	8 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 106,	8 nodes:	No Solution Found.	Elapsed time: 0.0063 seconds
Case 107,	8 nodes:	No Solution Found.	Elapsed time: 0.0068 seconds
Case 108,	8 nodes:	No Solution Found.	Elapsed time: 0.0080 seconds
Case 109,	9 nodes:	Found solution.	Elapsed time: 0.0007 seconds
Case 110,	9 nodes:	Found solution.	Elapsed time: 0.0006 seconds
Case 111,	9 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 112,	9 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 113,	9 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 114,	9 nodes:	Found solution.	Elapsed time: 0.0112 seconds
Case 115,	9 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 116,	9 nodes:	Found solution.	Elapsed time: 0.0006 seconds
Case 117,	9 nodes:	Found solution.	Elapsed time: 0.0006 seconds
Case 118,	9 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 119,	9 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 120,	9 nodes:	Found solution.	Elapsed time: 0.0005 seconds
Case 121,	9 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 122,	9 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 123,	9 nodes:	Found solution.	Elapsed time: 0.0001 seconds
Case 124,	9 nodes:	No Solution Found.	Elapsed time: 0.0534 seconds
Case 125,	9 nodes:	No Solution Found.	Elapsed time: 0.0444 seconds
Case 126,	9 nodes:	No Solution Found.	Elapsed time: 0.0437 seconds

Case 127, 10 nodes: Found solution.	Elapsed time: 0.0010 seconds
Case 128, 10 nodes: Found solution.	Elapsed time: 0.0006 seconds
Case 129, 10 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 130, 10 nodes: Found solution.	Elapsed time: 0.0114 seconds
Case 131, 10 nodes: Found solution.	Elapsed time: 0.0043 seconds
Case 132, 10 nodes: Found solution.	Elapsed time: 0.0004 seconds
Case 133, 10 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 134, 10 nodes: Found solution.	Elapsed time: 0.0007 seconds
Case 135, 10 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 136, 10 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 137, 10 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 138, 10 nodes: Found solution.	Elapsed time: 0.0044 seconds
Case 139, 10 nodes: Found solution.	Elapsed time: 0.0436 seconds
Case 140, 10 nodes: Found solution.	Elapsed time: 0.0007 seconds
Case 141, 10 nodes: Found solution.	Elapsed time: 0.0083 seconds
Case 142, 10 nodes: No Solution Found.	Elapsed time: 0.5966 seconds
Case 143, 10 nodes: No Solution Found.	Elapsed time: 0.4975 seconds
Case 144, 10 nodes: No Solution Found.	Elapsed time: 0.5470 seconds
Case 145, 11 nodes: Found solution.	Elapsed time: 0.0219 seconds
Case 146, 11 nodes: Found solution.	Elapsed time: 0.0001 seconds
Case 147, 11 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 148, 11 nodes: Found solution.	Elapsed time: 0.0009 seconds
Case 149, 11 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 150, 11 nodes: Found solution.	Elapsed time: 0.0563 seconds
Case 151, 11 nodes: Found solution.	Elapsed time: 0.1201 seconds
Case 152, 11 nodes: Found solution.	Elapsed time: 0.0009 seconds
Case 153, 11 nodes: Found solution.	Elapsed time: 0.1937 seconds
Case 154, 11 nodes: Found solution.	Elapsed time: 0.0431 seconds
Case 155, 11 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 156, 11 nodes: Found solution.	Elapsed time: 0.0905 seconds
Case 157, 11 nodes: Found solution.	Elapsed time: 0.0377 seconds
Case 158, 11 nodes: Found solution.	Elapsed time: 0.0011 seconds
Case 159, 11 nodes: Found solution.	Elapsed time: 0.0057 seconds
Case 160, 11 nodes: No Solution Found.	Elapsed time: 6.0970 seconds
Case 161, 11 nodes: No Solution Found.	Elapsed time: 4.4293 seconds
Case 162, 11 nodes: No Solution Found.	Elapsed time: 4.4828 seconds
Case 163, 12 nodes: Found solution.	Elapsed time: 0.0285 seconds
Case 164, 12 nodes: Found solution.	Elapsed time: 0.3776 seconds
Case 165, 12 nodes: Found solution.	Elapsed time: 4.2600 seconds
Case 166, 12 nodes: Found solution.	Elapsed time: 0.7522 seconds
Case 167, 12 nodes: Found solution.	Elapsed time: 0.0000 seconds
Case 168, 12 nodes: Found solution.	Elapsed time: 1.2228 seconds
Case 169, 12 nodes: Found solution.	Elapsed time: 0.0163 seconds

Case 170, 12 nodes: Found solution. Elapsed time: 0.0538 seconds  
Case 171, 12 nodes: Found solution. Elapsed time: 0.0502 seconds  
Case 172, 12 nodes: Found solution. Elapsed time: 0.0021 seconds  
Case 173, 12 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 174, 12 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 175, 12 nodes: Found solution. Elapsed time: 0.7740 seconds  
Case 176, 12 nodes: Found solution. Elapsed time: 23.4814 seconds  
Case 177, 12 nodes: Found solution. Elapsed time: 0.0019 seconds  
Case 178, 12 nodes: No Solution Found. Elapsed time: 62.8051 seconds  
Case 179, 12 nodes: No Solution Found. Elapsed time: 67.5762 seconds  
Case 180, 12 nodes: No Solution Found. Elapsed time: 84.7678 seconds

// output with testing\_graphs\_tfriedma.cnf, pretty\_print = True  
Case 1, 1 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 2, 1 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 3, 1 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 4, 2 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 5, 2 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 6, 2 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 7, 3 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 8, 3 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 9, 3 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 10, 4 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 11, 4 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 12, 4 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 13, 5 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 14, 5 nodes: No Solution Found. Elapsed time: 0.0000 seconds  
Case 15, 5 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 16, 6 nodes: No Solution Found. Elapsed time: 0.0001 seconds  
Case 17, 6 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 18, 6 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 19, 7 nodes: No Solution Found. Elapsed time: 0.0007 seconds  
Case 20, 7 nodes: No Solution Found. Elapsed time: 0.0007 seconds  
Case 21, 7 nodes: No Solution Found. Elapsed time: 0.0008 seconds  
Case 22, 8 nodes: Found solution. Elapsed time: 0.0000 seconds  
Case 23, 8 nodes: Found solution. Elapsed time: 0.0006 seconds  
Case 24, 8 nodes: Found solution. Elapsed time: 0.0001 seconds  
Case 25, 9 nodes: No Solution Found. Elapsed time: 0.0433 seconds  
Case 26, 9 nodes: Found solution. Elapsed time: 0.0001 seconds  
Case 27, 9 nodes: Found solution. Elapsed time: 0.0001 seconds  
Case 28, 10 nodes: Found solution. Elapsed time: 0.0073 seconds  
Case 29, 10 nodes: No Solution Found. Elapsed time: 0.3900 seconds

Case 30,	10 nodes:	Found solution.	Elapsed time: 0.0047 seconds
Case 31,	11 nodes:	No Solution Found.	Elapsed time: 4.4018 seconds
Case 32,	11 nodes:	Found solution.	Elapsed time: 0.0867 seconds
Case 33,	11 nodes:	Found solution.	Elapsed time: 0.0542 seconds
Case 34,	12 nodes:	No Solution Found.	Elapsed time: 48.7486 seconds
Case 35,	12 nodes:	No Solution Found.	Elapsed time: 50.5030 seconds
Case 36,	12 nodes:	Found solution.	Elapsed time: 0.0084 seconds
Case 37,	13 nodes:	Found solution.	Elapsed time: 5.1494 seconds
Case 38,	13 nodes:	Found solution.	Elapsed time: 4.1751 seconds
Case 39,	13 nodes:	Found solution.	Elapsed time: 0.0000 seconds
Case 40,	14 nodes:	Found solution.	Elapsed time: 0.8234 seconds