

Verification via <https://homes.cs.washington.edu/~kevinz/sat-solver/>

Input

```
c 4 2 ?
p cnf 4 10
2 1 0
-4 -1 0
1 -3 0
2 -3 0
1 -2 0
3 -2 0
3 -3 0
3 -2 0
2 -3 0
-3 3 0
```

(See [here](#) for a more detailed discussion of the format.)

Input

```
c 5 2 ?
p cnf 4 10
3 1 0
-2 -2 0
3 2 0
-1 -1 0
4 2 0
-2 2 0
-2 -1 0
-2 -2 0
3 -2 0
-2 4 0
```

Output

```
CPU time: 0.026s
SAT 1 -2 -3 -4
```

(See [here](#) for a more detailed discussion of the format.)

Input

```
c 3 2 ?
p cnf 4 10
-2 3 0
-1 4 0
-2 4 0
-4 -2 0
-4 -1 0
1 1 0
4 4 0
-4 -3 0
-1 -4 0
3 3 0
```

Output

```
CPU time: 0s
SAT -1 -2 3 4
```

Output

```
CPU time: 0s
UNSAT
```