

Advanced Four Winds and Minesweeper – Division C Round 5 2020-2021

Variants Instruction Booklet and Examples (Minesweeper Only)

You will time all of your puzzles separately, like Division D. There will be a selection of standard versions of each type, and one of each of the following variants.

Mix

Four Winds and Minesweeper – Unshaded clues are Four Winds clues. Shaded clues are Minesweeper clues. Cells must be filled with either winds or mines to satisfy all clues.

Minesweeper

Minesweeper (given total) - standard minesweeper rules, you will also be given the total number of mines in the grid.

Double Minesweeper – standard minesweeper rules, but cells with mines may contain one or two mines.

Triangle Minesweeper – similar to Minesweeper, but mines are right-angled triangles taking up half a cell. Mines may not touch each other, even at a point.

Liar Minesweeper – standard minesweeper rules. However, all given clues are one away from their true value.

Rule of 6 Minesweeper - standard minesweeper rules. In addition, all mines are part of a group of 6, connected orthogonally. Distinct groups of 6 may not touch each other, even at a point.

Socially Distanced Minesweeper – standard minesweeper rules. In addition, cells with mines cannot touch each other orthogonally, though they may touch one other mine diagonally.

Shape Fit Minesweeper - standard minesweeper rules. However, all mines in the grid must belong to one of the given shapes. These given shapes must be found discretely in the grid and may not touch each other orthogonally, though they may touch each other diagonally.

Four Winds and Minesweeper

2		4	
	3		3
2			

Double Minesweeper

4			1
	6		
7		3	

Triangle Minesweeper

2		3	
	3		
0		1	

Socially Distanced Minesweeper

	1		
2			2
		2	1

Shape Fit

	1		2
2			

given
shapes

●	●
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●
●

Liar Minesweeper

3		1	
	5		0
2			
	3		1

Rule of 6 Minesweeper

1		1			
					3
3					
			1		
		1			

Minesweeper - 9 mines

3			2
		4	
2			

Solutions

Four Winds and Minesweeper

2	<	4	>
●	●	v	●
^	3	v	3
2	>	●	●

Liar Minesweeper

3	●	1	
●	5	●	0
2	●		
●	3		1

Double Minesweeper

4	●●	●	1
●●	6		
7	●	3	
●●	●●		

Socially Distanced Minesweeper

●	1		●
2			2
●			●
	●	2	1

Triangle Minesweeper

2	▲	3	▲
▲	3		▲
	▲		
0		1	

Shape Fit

	1		2
		●	●
	●		
2	●		

Rule of 6 Minesweeper

1		1			
	●			●	3
3	●			●	●
	●		1		●
●	●				●
●		1			●

Minesweeper - 9 mines

3	●	●	2
●	●	4	●
●			
2	●	●	●