

FIFTEEN PUZZLE

OBJECTIVE

To use the numbers 1 - 9 to form a grid that has all angles adding to 15.

EQUIPMENT

- Fifteen instruction sheet x 1 per team.
- Fifteen answer x 1 per facilitator.



HOW IT WORKS

1. Teams are to draw a 3 x 3 grid.
2. The grid has to include all numbers between 1 - 9.
3. All angles must add up to 15 (ie across, down and diagonal).
4. Teams can only use each number once.

VARIATIONS

- Teams can be provided with laminated cards with numbers 1 - 9
- Teams can be given an instruction sheet with a solution box to fill out their answer.
- Instead of using laminated cards; you can also use numbered balls.
- This activity can also be used to reveal missing numbers to a phone number.

AND THE WINNER IS...

The first team to successfully create a grid whilst abiding by the specified rules wins.

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SOLUTION

- This may not be the only solution so if theirs is different just do some quick math's to see if it is correct.
- The number five must always go in the middle (Good clue to give teams if they are struggling).
- Numbers 2,4,6,8 must go in the corners.

4	9	2
3	5	7
8	1	6

