

Magic crosses

There are 24 different solutions to each problem.

The first problem we did, used the numbers 1, 2, 3, 4 and 5

There were 8 solutions adding up to a total of 8 and the same for 9 and 10.

If the numbers you are using are mostly even then the number in the centre square will be even too.

If the numbers you are using are mostly odd then the number in the centre square will be odd too.

The second problem used the numbers 2, 3, 4, 5 and 6.

There were 8 solutions adding up to 11, 8 solutions adding up to 12 and 8 solutions adding up to 13.

The numbers used were mainly even meaning an even number had to be in the centre square.

The third problem used the numbers 3, 4, 5, 6 and 7.

There were 8 solutions adding up to 14, there were 8 solutions adding up to 15 and 8 solutions adding up to 16.

The numbers used were mainly odd, meaning the number in the centre square had to be odd too.

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