

TSM Excel Beginners Workshop – Day 2

Building an interactive worksheet for pupils to use

Spreadsheet file “Wall”

Microsoft Excel - wall

File Edit View Insert Format Tools Data Window Help

Type a question for help

Arial 10 B I U

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| | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|----|---|---|---|----|----|----|----|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | 1 | | |
| 2 | | | | | | | | | | | | 2 | | |
| 3 | | | | | | | | | | | | 3 | | |
| 4 | | | | | | | | | | | | 4 | | |
| 5 | | | | | 48 | | | | | | | | | |
| 6 | | | | 20 | | 28 | | | | | | | | |
| 7 | | | 8 | | 12 | | 16 | | | | | | | |
| 8 | | 3 | | 5 | | 7 | | 9 | | | | | | |
| 9 | 1 | | 2 | 4 | 3 | | 4 | | 5 | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |

Change the order of the numbers in the bottom row so the total in the red square is 50.

What is the biggest number you can get in the red square?

What about the smallest number?

How many different numbers?

Now build a multiplication wall and investigate!

Spreadsheet file “Magic Square”

Microsoft Excel - Magic square

File Edit View Insert Format Tools Data Window Help

Type a question for help

Arial 10 B I U

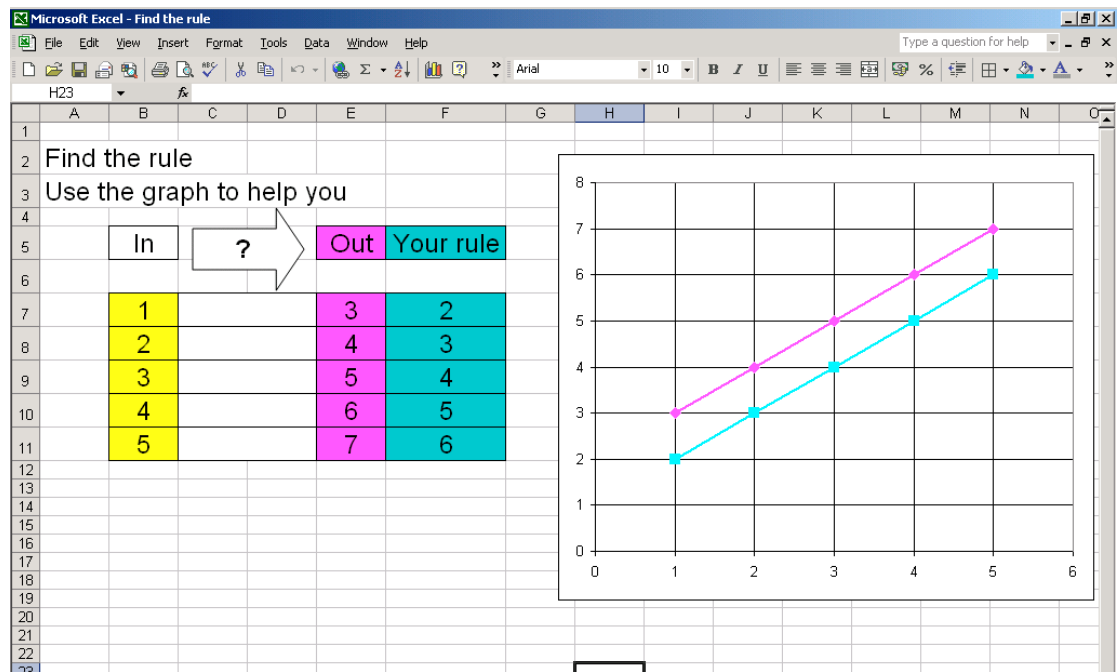
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| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----|---|----|----|----|----|----|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | 15 | | | | | | | | | |
| 10 | | 1 | 2 | 3 | | 6 | | | | | | | | | |
| 11 | | 4 | 5 | 6 | | 15 | | | | | | | | | |
| 12 | | 7 | 8 | 9 | | 24 | | | | | | | | | |
| 13 | | 12 | 15 | 18 | 15 | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |

Magic Square

Arrange the numbers 1 to 9 so that each row, column and diagonal add to the same total.

Spreadsheet file "Find the rule"



Build a spreadsheet of your own.

Use formatting and / or drawing to make it attractive.

Save it in folder "Spreadsheet workshop A2" in My Documents when ready to share.