

Maths Homework: Investigation Challenge – Magic Squares

Look at this magic square.

2	7	12	13
16	9	6	3
5	4	15	10
11	14	1	8

The total along any line, horizontal, vertical or diagonal is the same.
The 'magic number' for this square is 34.

Now complete these magic squares. You don't have to print them out and could write them out in your homework book.

Don't use the same number twice in a square and the numbers must add up to the same number in each row, column and diagonal line.

a)

8		9
	6	
3		4

b)

13	9	8
12		

c)

3		
10	5	
2		

d)

2	7	6
9		1
	3	

e)

	2	
	7	
4		5

f)

6		11
7		12

g)

9		
8		6
		5

h) Now make your own.

i) Now make your own.
