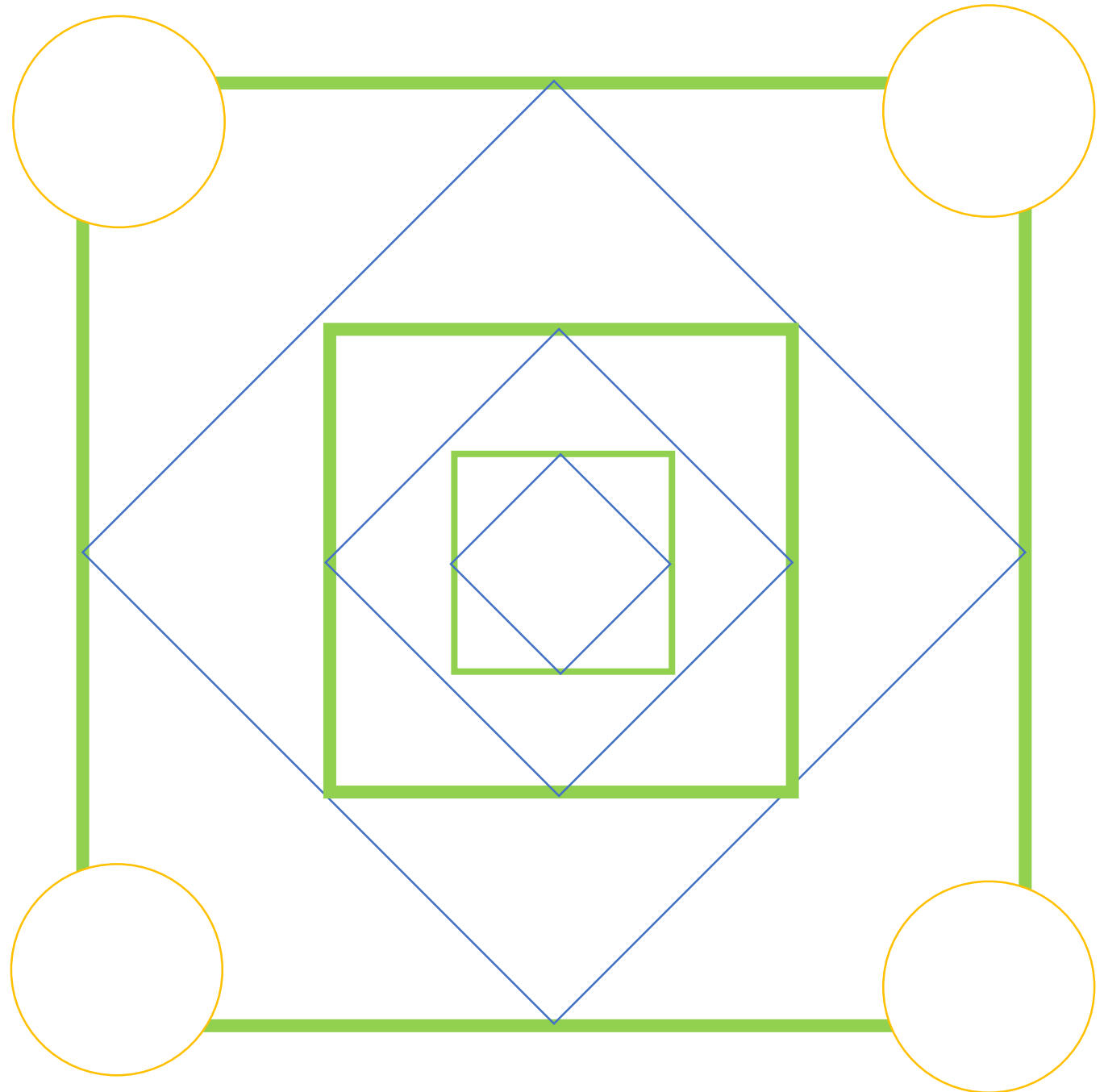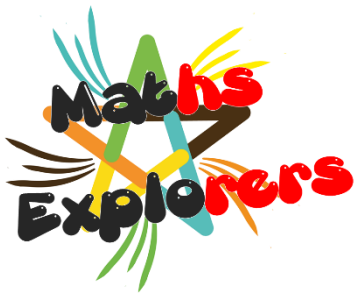# Diffy – Number Challenges

1. Place a number in each of the yellow circles

2. Work out the positive difference between each pair of adjacent numbers

3. Write the result at the midpoint between the two numbers

4. These 4 midpoints will make a square with 4 numbers at the corner

5. Repeat steps 2 – 4 for this square

6. Keep going until you end up with all values being zero

Diffy – Number Challenges

Try using a spreadsheet to do the calculations for you once you've learnt how it works. Download it with this link

Enter your numbers to the top row and see what level you can get to.

Diffy calculator

blank cells are zero

level					
1	2	5	16	7	← Enter values in this row
2	3	11	9	5	
3	8	2	4	2	
4	6	2	2	6	
5	4		4		
6	4	4	4	4	
7					

You've reached Level

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