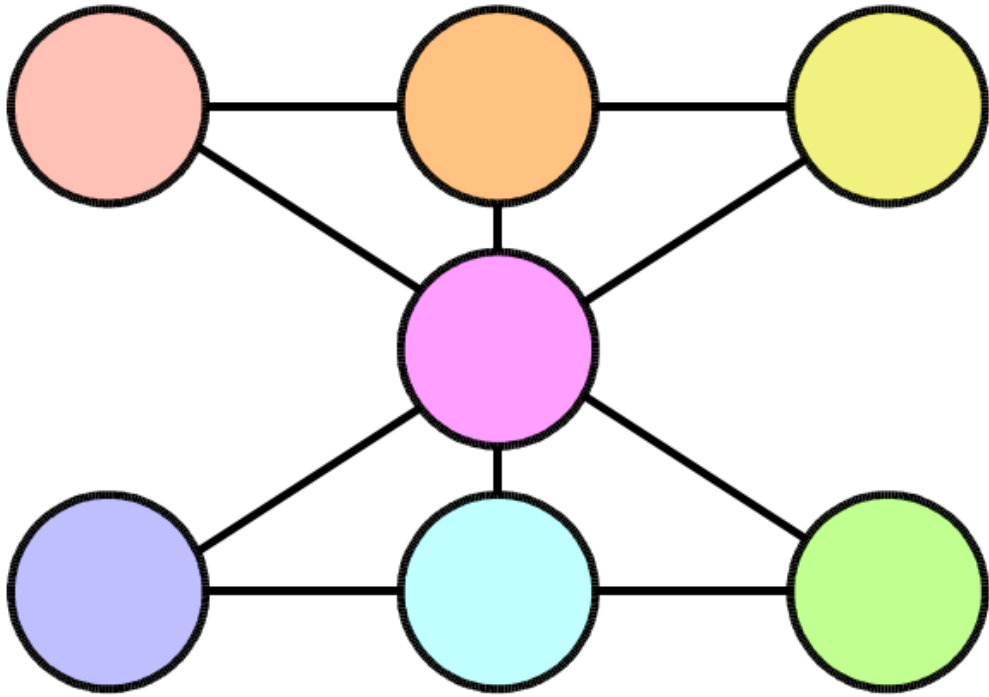# Maths Day 5 - Starter

Can you put the numbers 1 to 7 in each circle so that the total of every line is 12?

Work systematically.. Does it make sense to put all your large numbers in the same row?

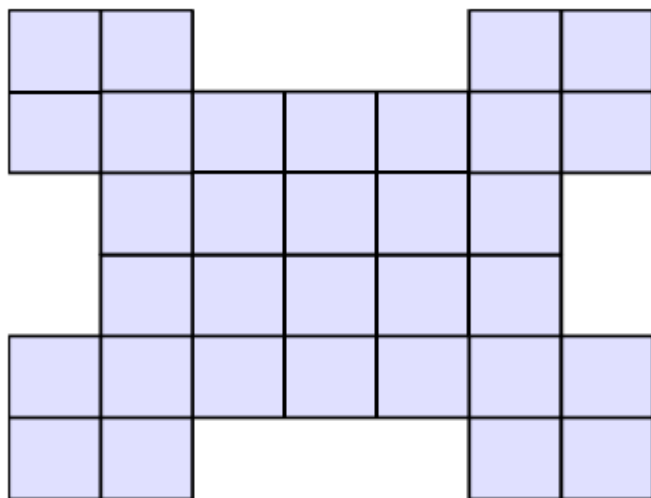Does it matter what value goes in the middle (pink) circle?

Is there a pattern such as 'each row must have 2 odds and 1 even….' etc

I would love to see some _**reasoning**_ around this task.. Email njs.year6@taw.org.uk to show Mr J your work!
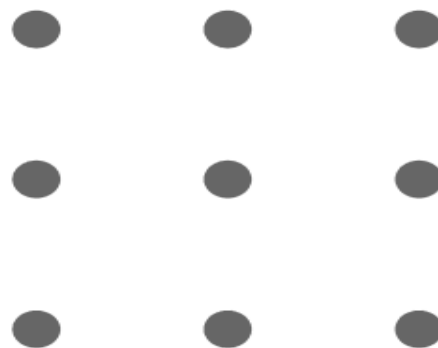
Maths Day 5 – Fun Maths!

- Today is all about some problem solving, and having fun with maths.

- There are now rules for today.

- You can do as much as or little as your feel comfortable with.

- Just enjoy maths – the greatest subject of them all! ☺

How many squares can you see in this pattern?

Here are the first few square numbers:

1	4	9	16	25	36	49

Here are the first few Fibonacci numbers:

1	1	2	3	5	8	13

The square numbers are well in the lead. Do the Fibonacci numbers ever catch up?
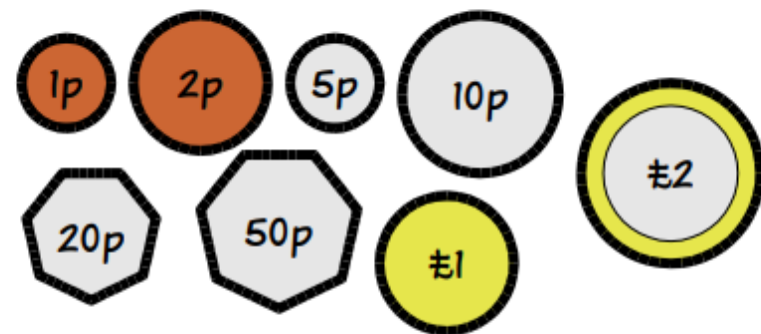
Put 9 dots in a square like this

Can you go through all 9 dots with **four straight lines**?

You **can't** take your pen off the paper.
You **can** start where you like.

These are the coins commonly used in Britain today

1p 2p 5p 10p £2 20p 50p £1

What is the **fewest** number of coins you need to make
(a) 83p (b) £1.34 (c) £5.27?

Can you work out what number will be at the top of the pyramid?

	29		28	
13		16		12
6	7		9	3
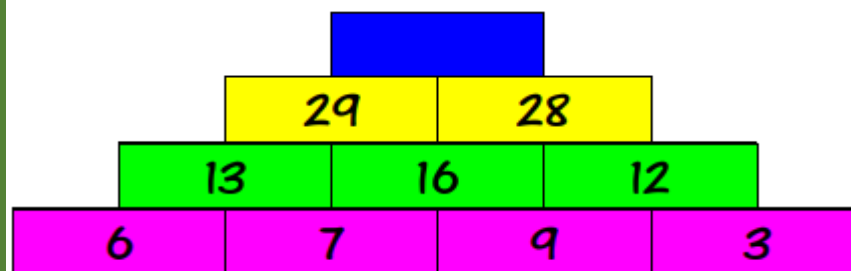
Can you make a pyramid with 100 at the top?