EYFS (Nursery and Reception)
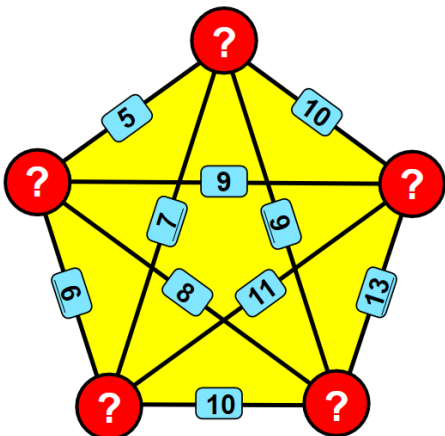
Write down as many number facts about the number 10 as you can.

Eg: 5 + 5 = 10

KS1 (Year 1 & 2)

Write down all the numbers in the 3 times table (work out all of the answers up to 12 x 3). Add up all of the answers. What's your total?
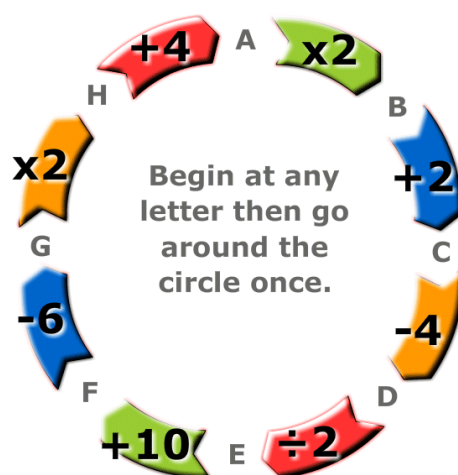
LKS2 (Year 3 & 4)

The numbers on blue shapes are the sums of the two hidden numbers on red circles at the ends of the lines. What are the hidden numbers?

UKS2 (Year 5 & 6)

+4 A x2
H   B
x2   +2
Begin at any
letter then go
around the
circle once.
G   C
−6   −4
F   D
+10 E ÷2

Think of any number (perhaps your age!). Start at any letter then go around the circle performing each operation in order. Which starting point gives the largest answer? Which gives the smallest?

Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head… Just make sure you show this on your solution paper!

Name: _____   Year: _____

Working out space:

Now explain how you solved the problem!

Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head… Just make sure you show this on your solution paper!