

Questions to promote reasoning and a deeper understanding.

- Spot the mistake

Eg Yr 4 Number- 950,975,1000,1250 What is wrong with this sequence?

- True or false?

Eg. Yr 1 Number- I start at 2 and count in 2's. I will say 9.

- Missing numbers / Missing symbols / Missing digit

Eg Yr 2 Number 12 ... 10=120

- Fact families

Eg. $2 + 3 = 5$. What else do we know? $5 - 3 = 2$ $3 + 2 = 5$ $1 + 4 = 5$ etc

- Always, sometimes, never

Yr 5 Shape- The number of lines of reflective symmetry in a regular polygon is equal to the number of sides?

- What's the same, what's different?

Eg.Rec- Give a triangle and a square

- Odd one out.

Mutiple of 2 / Multiple of 5 / Multiple of 10

- Possibilities.

Eg Yr 4Shape- A rectangular field has a perimeter between 14-20m.
What could its dimensions be?

- Convince me.

Eg Yr 6 Three four digit numbers total 12435. What could they be?

Convince me your answer is right.

- Make an example.

Yr 5 Create seven digit numbers where the digit sum is 6 and the ten thousands digit is 2 . Eg 4020000

- Fight

All yr groups. Which would win in a fight- an odd or even number?

Which would win in a fight -an acute angle, obtuse angle or right angle?

- Would you rather be?

Isosceles / Scalene/ right angled triangle?