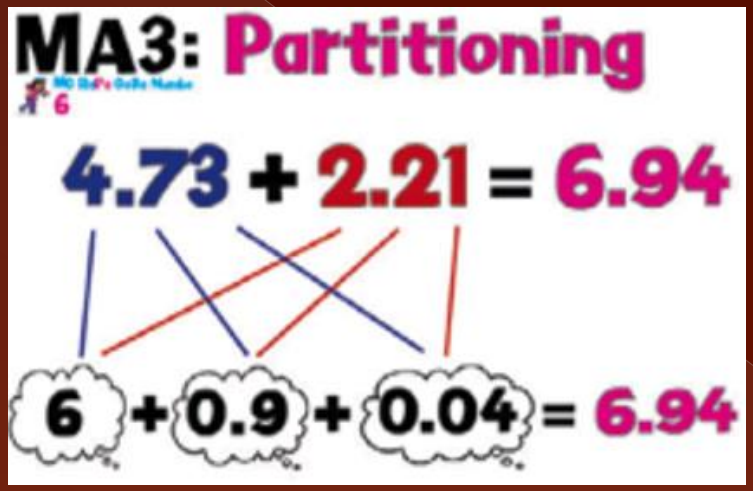
Mental Maths strategy for the week



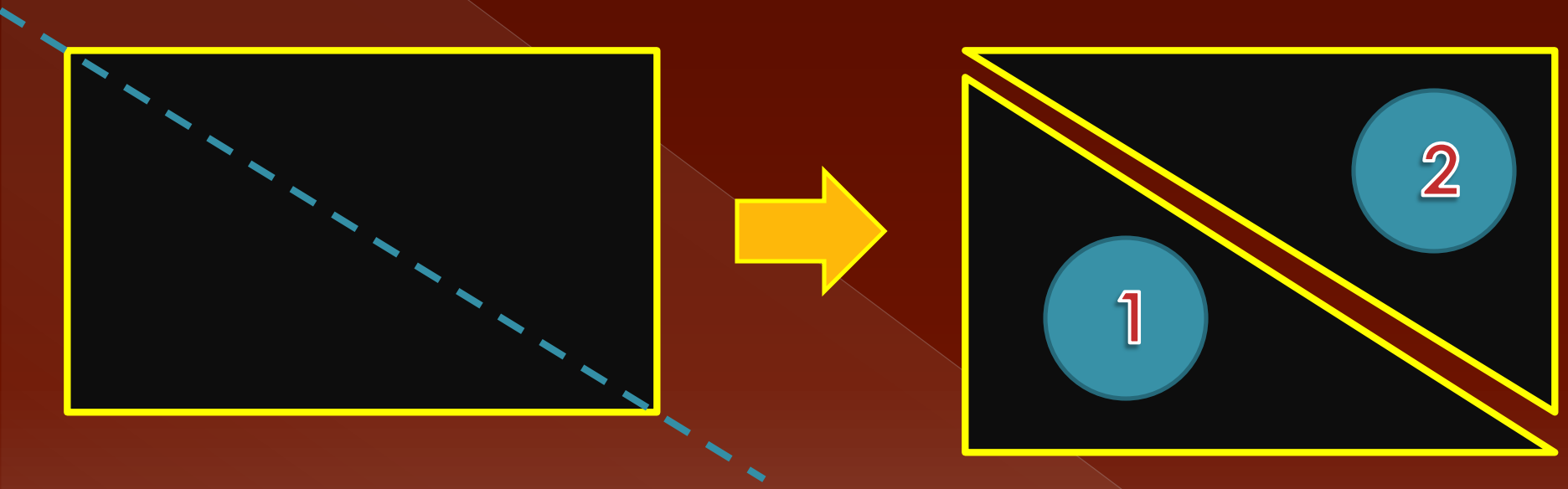
Have a go at practising our mental maths strategy with the sums below:

15.31 + 4.61

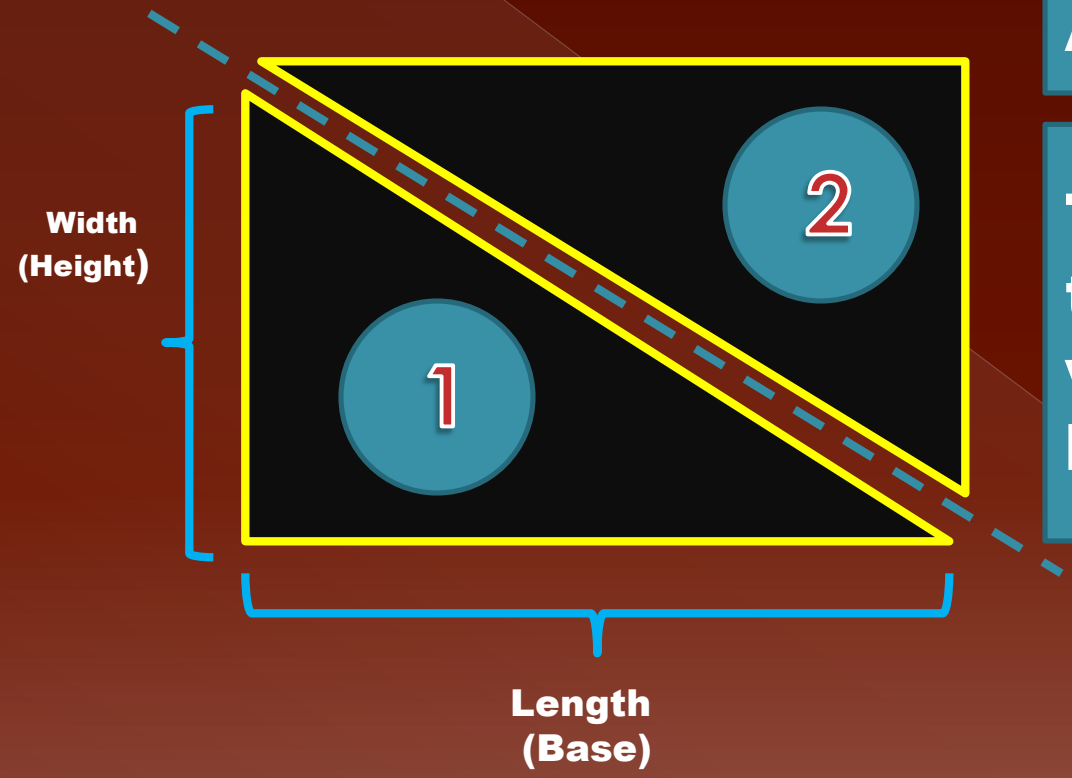
4.34 + 2.33


AREA OF A TRIANGLE

Get a rectangular piece of paper and cut it diagonally as shown below.



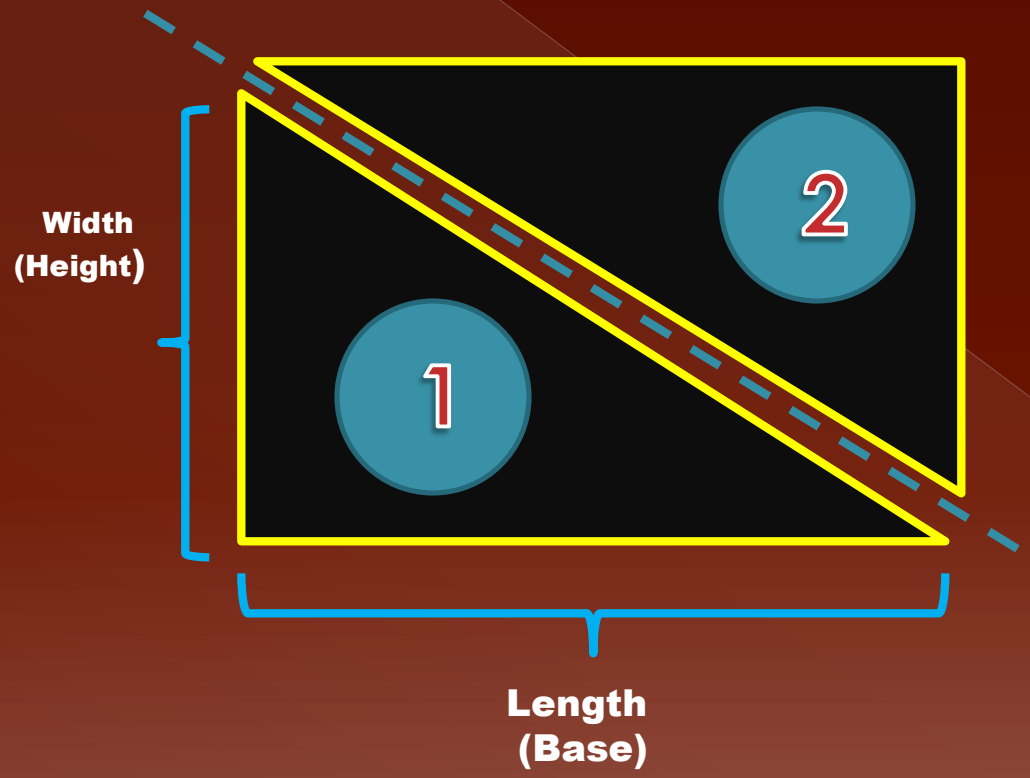
You will obtain two triangles with each triangle having half the area of the original rectangle.



Area of Triangle

To find the area of the rectangle you would multiply the base by the height.

The formula for calculating the area of a triangle is:



Area of Triangle

Therefore, you simply need to half the area of a rectangle to find the area of a triangle.

Area of Δ = $\frac{1}{2}$ x base x height

Calculate the area of the triangle below.

Area of Δ

= ½ x base x height

= ½ x 6 cm x 14 cm

= ½ x 6 cm = 3cm

= 3cm x 14cm = 42cm²

Answer: The area of the triangle is 42 square centimetres or 42 cm².