



# Year 5 Summer 1 KIRFS

Key Instant Recall Facts (KIRFs) are designed to support the development of the arithmetic skills that underpin all maths learning in school. KIRFs help reduce the cognitive load when learning maths and greatly support the development of mental maths agility.

**Recall fraction, decimal and percentage equivalents – fifths, twentieths, twenty-fifths**

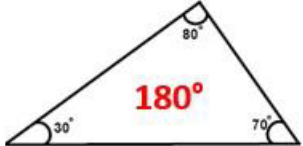
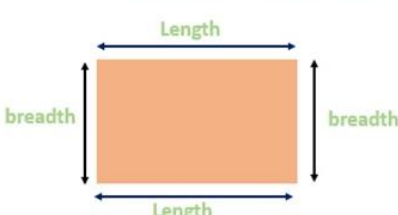
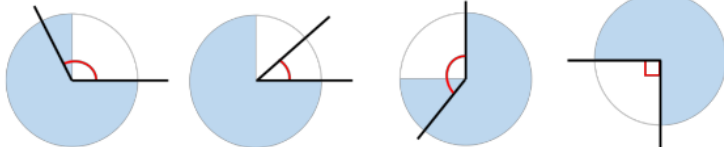
$$\frac{1}{5} = 0.2 = 20\% \quad \frac{2}{5} = 0.4 = 40\% \quad \frac{3}{5} = 0.6 = 60\% \quad \frac{4}{5} = 0.8 = 80\%$$

$$\frac{1}{20} = 0.05 = 5\% \quad \frac{2}{20} = 0.1 = 10\% \quad \frac{3}{20} = 0.15 = 15\% \quad \frac{4}{20} = 0.2 = 20\% \quad \text{etc}$$

**Recall formula for measure – perimeter and area**

$$\text{Area} = \text{length} \times \text{width}$$

In addition, you can help by practising the following:

The interior angles of any triangle = 180°	
Area and perimeter	<p>Area of a square or rectangle = length x width</p> <p style="text-align: center;">PERIMETER OF A RECTANGLE</p> 
Identify angle types	 <p style="text-align: center;"> <span>obtuse</span>      <span>acute</span>      <span>reflex</span>      <span>right angle</span> </p> <p style="text-align: center;">             Obtuse = greater than 90°              Acute = less than 90°              Reflex = greater than 180°              Right angle = 90°         </p>