Year 6 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.

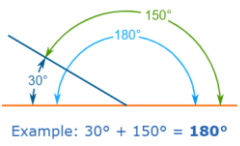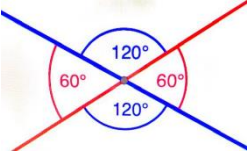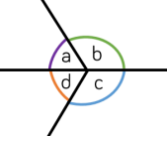> **Recall formula for measure – perimeter and area of quadrilaterals, triangles and parallelograms.**
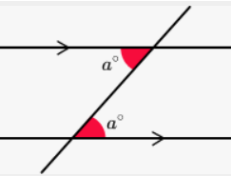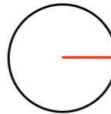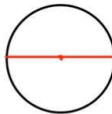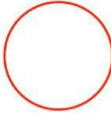>
> Area of a square or rectangle = length x width
>
> Area of a parallelogram = base x perpendicular height
>
> Area of a triangle = $\frac{1}{2}$ base x height
>
> Volume of a cuboid = length x width x height

In addition you can help by practising the following:

Squared and cube numbers	$2^2 = 2 \times 2 = 4$ $3^3 = 3 \times 3 \times 3 = 9 \times 3 = 27$
Angle facts	Angles on a straight line = 180° Angles at a point = 360° Example: 30° + 150° = **180°** a + b + c + d = 360° Oposite angles are equal alternate angles are equal
Parts of a circle	 Radius Diameter Circumference