Mental Maths

$30 \div 10 =$ $5 \times 9 =$

$52 + 18 =$ $58 - 11 =$

$16 + 15 =$ $53 + 19 =$

This week's Maths focus is: **Shape.**

Can you draw a line and match the 2D shapes with their names?

rectangle   triangle   circle   square

Now for 3D shapes...

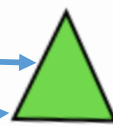cuboid   cylinder   cone   sphere
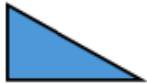
Side = flat edges on a shape

corner = point bits

Name	Shape	Number of sides	Number of corners
Pentagon			
Rectangle			
Square			
Triangle			
Hexagon			

Match the shapes to the number of sides:
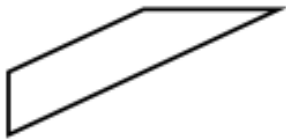
six   four   three

Colour or tick the shapes with 4 corners.
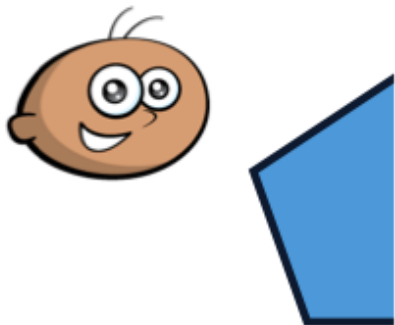
Tricky word alert…

SYMMETRY

A shape with SYMMETRY means you can fold it exactly in half and both sides are the same.

VERTICAL

A vertical line is one that goes straight down.   Like this →

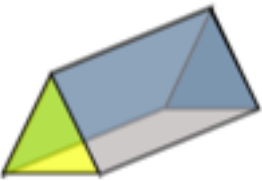Can you find the vertical lines of symmetry in these shapes?

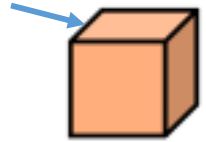Dan has drawn a line of symmetry and half a shape. Can you fill in the rest of the shape?

3D SHAPES

Can you fill in the table? I have done the first row for you.

Shape	Name of shape	Number of faces	Can you draw one of the faces?
	Cuboid	6	

An edge of a shape is where 2 faces meet. Like this →

How many edges does this shape have?

Have a look around your house and write down some objects you can see!

2 or fewer faces

3 or more faces

CHALLENGES:

All 3-D shapes have at least one vertex.

Is Sam right or wrong? Can you explain your answer.

_____

_____

_____

Anna has sorted these shapes. Which item is the wrong circle? Explain how you know.

Flat faces

Curved surfaces

Both

_____

_____

_____

_____

_____