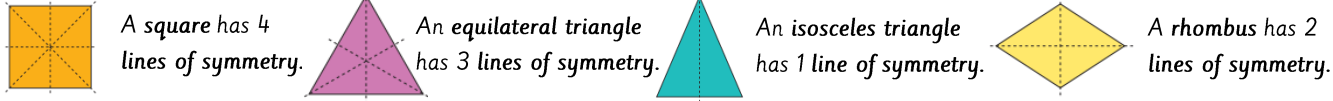


## What should I already know?

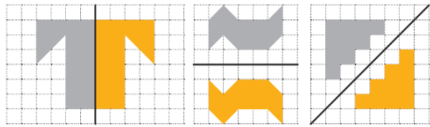
- Draw 2D shapes and make 3D shapes using modelling materials.
- Recognise 3D shapes in different orientations and describe them.
- Recognise angles, recognise that two right angles make a halfturn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.
- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
- Identify a vertical line of symmetry in 2D shapes (Year 2). (See reverse for previously learnt vocabulary to describe properties).
- **Vocabulary I should already know:** 2D shape, 3D shape, side, edge, vertex, vertices, face, curved.

## Key Knowledge

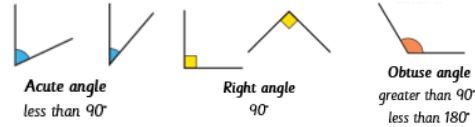
### Identify lines of symmetry in 2D shapes presented in different orientations.



### Complete a simple symmetric figure with respect to a specific line of symmetry.

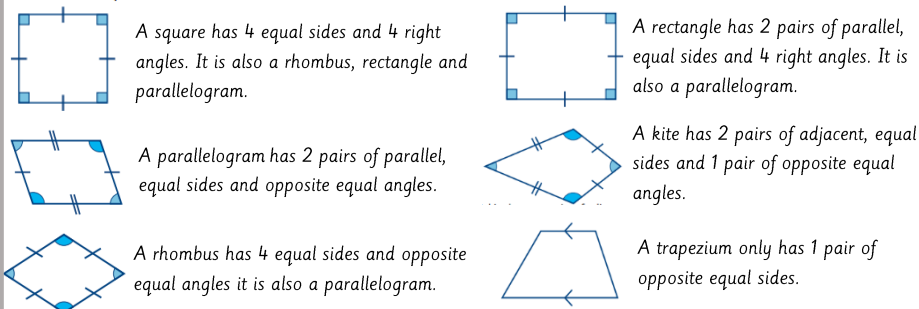


### Identify acute and obtuse angles and compare and order angles up to two right angles by size.

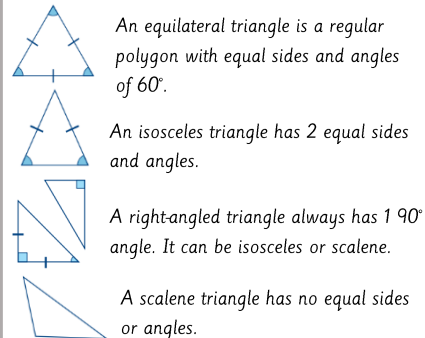


### Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.

#### Quadrilaterals



#### Triangles



## Key Vocabulary and definitions

<b>line of symmetry</b>	A line that splits a shape into 2 equal parts. If you were to put a mirror on the line, the reflection looks exactly the same. Lines of symmetry can be <b>vertical, horizontal and diagonal</b> .
<b>symmetric figure</b>	One side that is the same as the other like matching halves.
<b>angles</b>	When two straight lines meet at a point ( <b>right angle, acute angle, obtuse angle</b> ).
<b>quadrilaterals</b>	A four-sided shape.
<b>polygon</b>	Any 2D shape formed with straight sides.
<b>vertical line</b>	A line that goes straight up e.g., people stand up straight in a <b>vertical</b> position.
<b>horizontal line</b>	A line that goes across e.g., an aeroplane glides through the sky in a <b>horizontal</b> position.
<b>intersect</b>	Cross e.g., when two or more lines cross or lie across each other.
<b>parallel lines</b>	Lines that never <b>intersect</b> e.g., run along next to each other like tracks of a train.
<b>perpendicular lines</b>	Lines that <b>intersect</b> one and other at <b><math>90^\circ</math> (right angle)</b> .