Properties of Shapes - Year 3

Key Vocabulary

- quarter turn
- half turn
- three-quarter turn
- angle
- right angle
- acute
- obtuse
- horizontal
- vertical
- parallel
- perpendicular
- polygon
- two-dimensional
- three-dimensional
- flat face
- curved surface
- edge
- curved edge
- vertex
- vertices
- apex

Turns and Angles
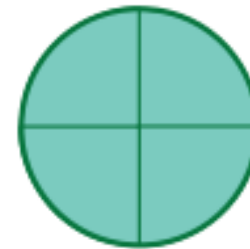
Angles can be used as a description of a turn.

| $\frac{1}{4}$ turn | $\frac{1}{2}$ turn | $\frac{3}{4}$ turn | 1 turn | clockwise | anticlockwise |

An angle is created when two straight lines meet at a point or intersect.

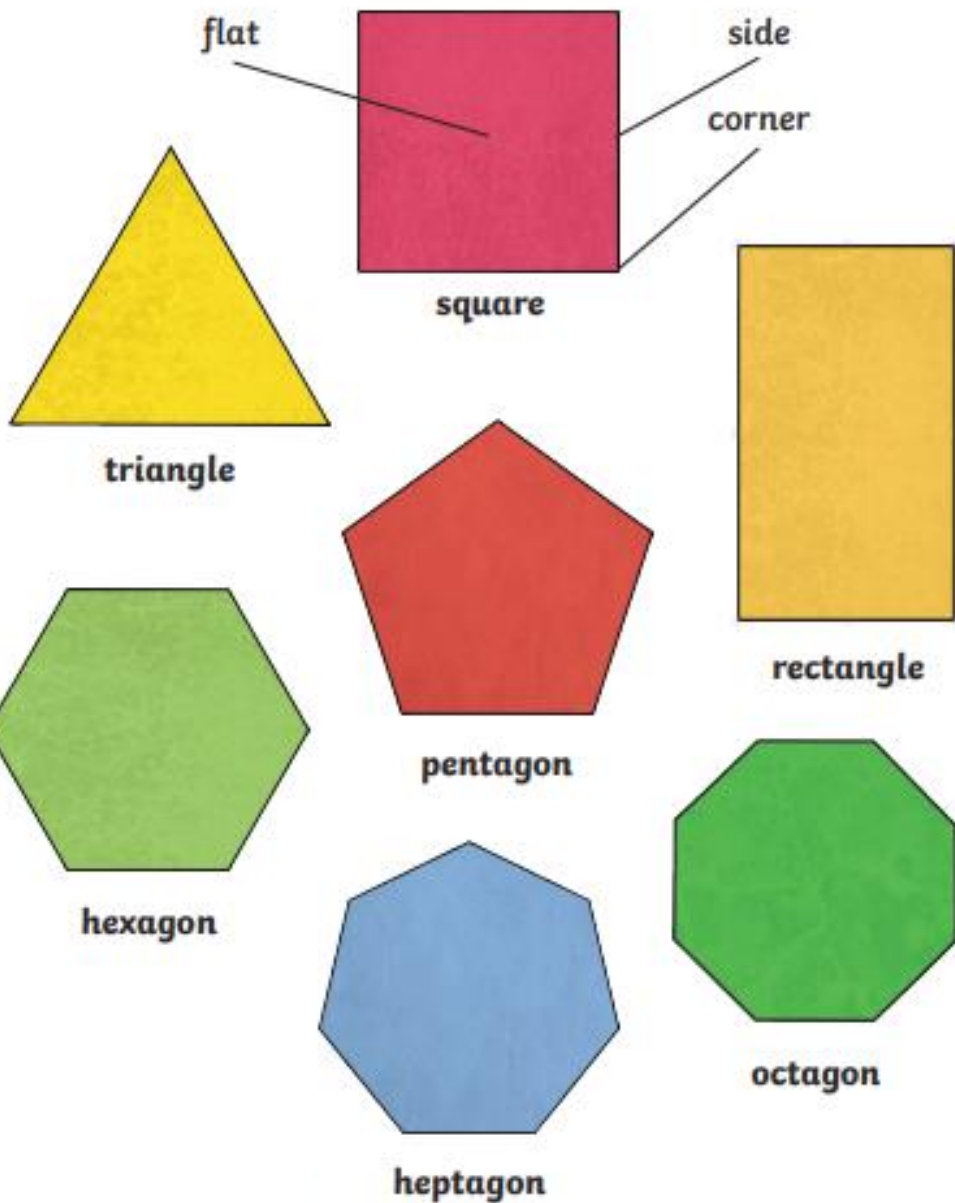| Right Angle | Acute Angle
Less than 90° | Obtuse Angle
Greater than 90° and
less than 180° |

Type of Lines

| horizontal | vertical | parallel | perpendicular |

Properties of Shapes - Year 3
Knowledge Organiser

Recognise and Describe 2D Shapes

flat

side

corner

square

triangle

rectangle

pentagon

hexagon

heptagon

octagon

Recognise and Describe 3D Shapes

face

vertices

edge

cube

cuboid

cylinder

square-based pyramid

tetrahedron

triangular prism

sphere