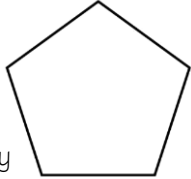


Key concepts and questions

What are the properties of shapes?

- Sides
- Vertices
- Angles
- Lines of symmetry



This pentagon's properties are:

- 5 sides
- 5 vertices
- 5 obtuse angles
- 5 lines of symmetry

What are the different types of lines?

horizontal

vertical

parallel

perpendicular

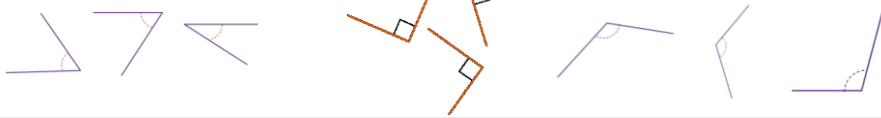


Identify whether an angle is greater than or less than a right angle

Acute angles are less than 90°

Right angles are 90°

Obtuse angles are greater than 90°



Making connections

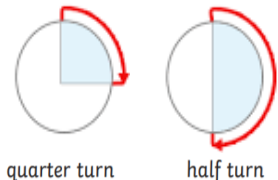
Turns and fractions

A quarter turn is 90° .

A half turn is 2 right angles.

A three quarter turn is 3 right angles.

A full turn is 4 right angles.

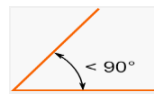
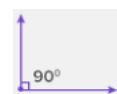



Directions

The directions of hands on a clock can help describe turns.

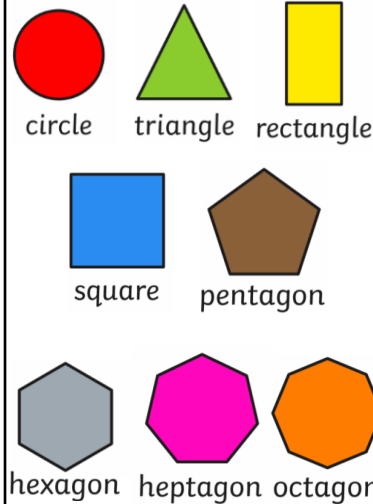


Key Vocabulary

faces	edges	vertices	clockwise
anti-clockwise	quadrilateral	horizontal	vertical
angle	measurement of a turn	parallel	two lines which never meet
acute angle		perpendicular	lines which meet at 90°
right angle		obtuse angle	

Representations

2D shapes



3D shapes

