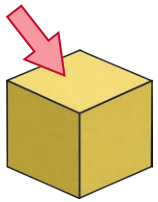
Year 5 Properties of Shape Word Mat

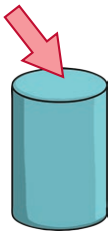
cube

A cube has 6 square faces.



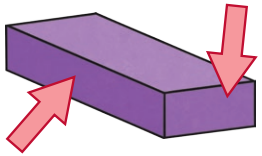
cylinder

A cylinder has two circular faces.



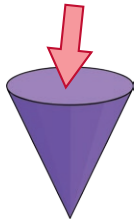
cuboid

A cuboid has 6 rectangular faces.



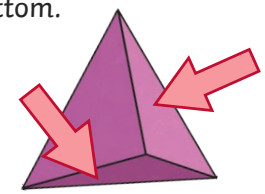
cone

A cone has a circular face.



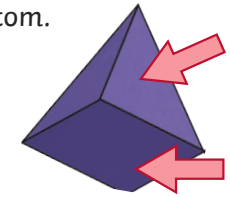
triangular-based pyramid

A triangular-based pyramid has 4 triangular faces. One of the trangular faces is on the bottom.



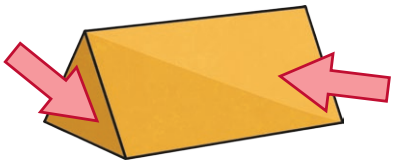
square-based pyramid

A square-based pyramid has 4 triangular faces. It has a square face on the bottom.



triangular prism

A triangular prism has 2 triangular faces. It has 3 rectangular faces.



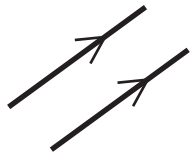
Angles are measured in degrees (°).

Regular and Irregular Shapes

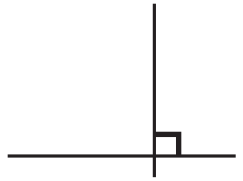
Regular	Irregular
Square	Rectangle
Triangle	Triangle
Pentagon	Pentagon
Hexagon	Hexagon

A **rectilinear** shape is one which is bound by straight lines and can be divided into rectangles or triangles in order to find its area.

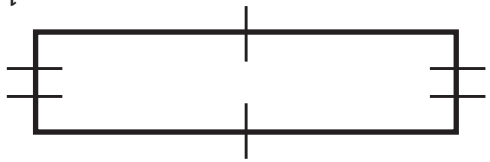
Parallel



Perpendicular

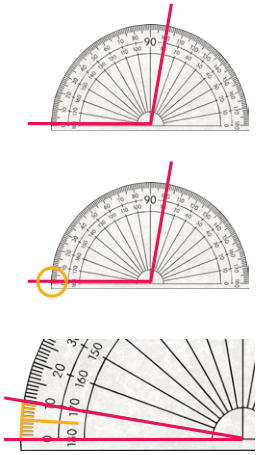


Equal

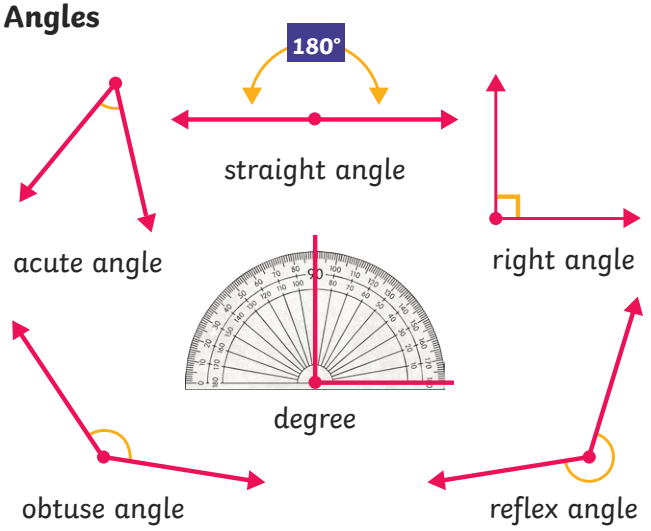


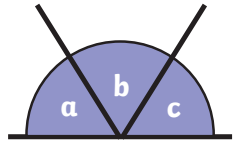
How to Use a Protractor

1. Place the cross of circle at the point (vertex) of the angle that you are measuring.
2. Read from the zero on the outer scale of your protractor.
3. Count the degree lines carefully.

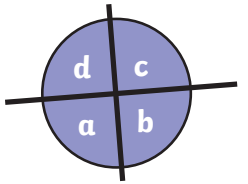


Angles





Angles on a straight line add up to 180°



Angles around a point total 360°. This is a whole turn.