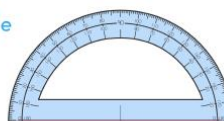


Types of angles

Key Vocabulary	
Angle	An angle is created when two straight lines meet at a point.
Right angle	A right angle is an angle of exactly 90° .
Acute angle	An acute angle is less than 90° .
Obtuse angle	An obtuse angle is more than 90° .
Parallel	Lines that are side by side, but not touching, with the same distance continuously between them
Perpendicular	Perpendicular lines are lines that meet at a right angle.
Protractor	The tool used to measure angles.

Straight-Angle

A straight angle is exactly 180° .

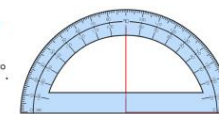


This is an example of a straight - angle.

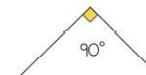
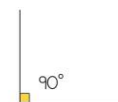
180°

Right-Angle

A right angle is 90° .



These are some examples of right-angles.

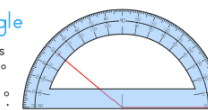


90°

90°

Obtuse-Angle

An obtuse angle is greater than 90° and less than 180° .



These are some examples of obtuse - angles.

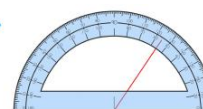


175°

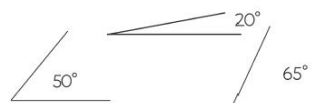
120°

Acute-Angle

An acute angle is less than 90° .



These are some examples of acute - angles.



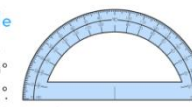
50°

20°

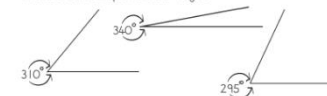
65°

Reflex-Angle

A reflex angle is greater than 180° and less than 360° .







These are some examples of reflex - angles.



310°

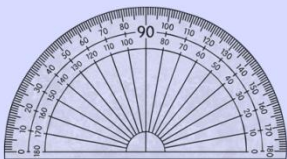
340°

295°

horizontal 	vertical 	parallel 	perpendicular 
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To measure angles, we use a **protractor** (angle measurer).

Here is a semi-circular protractor. Look carefully at how the numbers on the scale count from 0° to 180° in both directions.



How to measure an angle

- Place the cross or circle at the point (vertex) of the angle that you are measuring.
- Read from the zero on the outer scale of your protractor.
- Count the degree lines carefully.
- If the angle that you are measuring turns in an anti-clockwise direction, you will need to use the inner scale of your protractor.

How to help

Encourage your child to identify different types of angles within their home environment.

For more information and activities visit <https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zg68k7h>