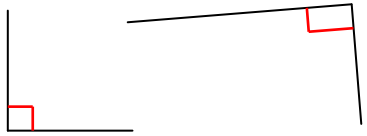
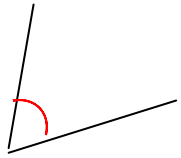
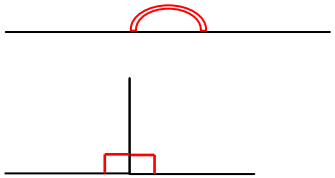
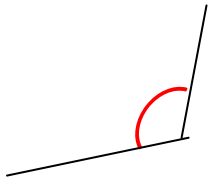
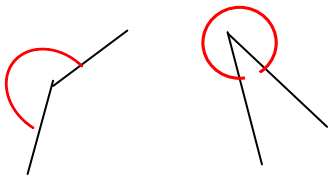
Angle facts

An angle is the measure of turn between two straight lines.

Name	Examples	Properties
right angle		• An angle of exactly 90° • The two lines of the angle are perpendicular to each other
acute angle		• Any angle that is less than 90° (1° to 89°)
straight line		• when two lines join to make a straight line, the angle formed is two right angles together - 180°
obtuse angle		• Any angle greater than a right angle but less than a straight line (91° to 179°)
reflex angle		• Any angle greater than a straight line (181° to 359°) • It bends back on itself

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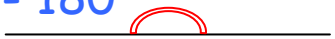
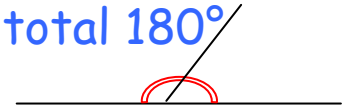
Angle totals

Right angle - 90°

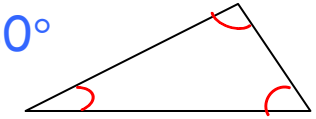
Straight line - 180°



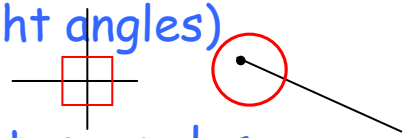
Two angles that make a straight line total 180°



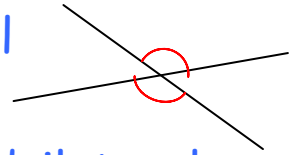
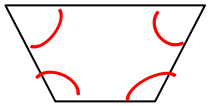
The 3 angles of a triangle always total 180°



Angles around a point total 360° (4 right angles)



Complementary angles (where 2 straight lines cross) are equal



Angles in a quadrilateral total 360°