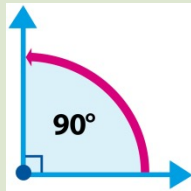


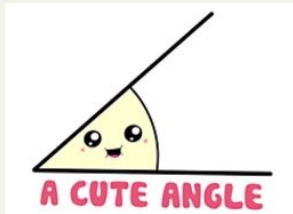
Year 3 - Angles

Types of angles

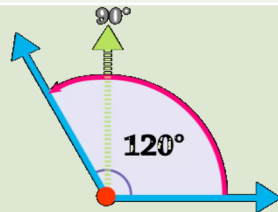
Right angle
Exactly 90°



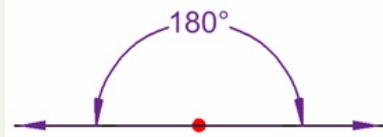
Acute angle
Less than 90°



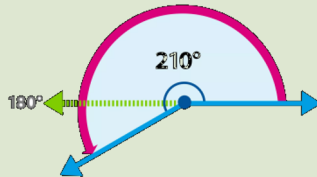
Obtuse angle
More than 90°
Less than 180°



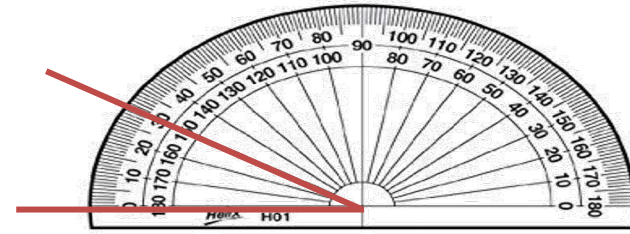
Straight line
Always 180 degrees



Reflex angle
More than 180°
Less than 360°

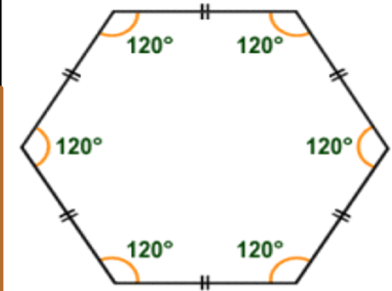


Measuring angles

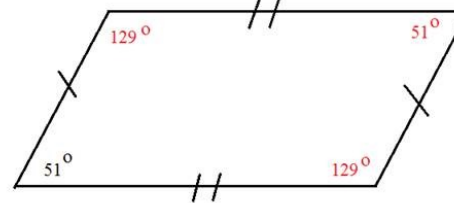


Line up your protractor's base line with the base line of your angle. Read the angle, make sure you read up from 0 degrees.
This angle is 30 degrees.

All of the angles in a **regular polygon** are the same



Parallelogram



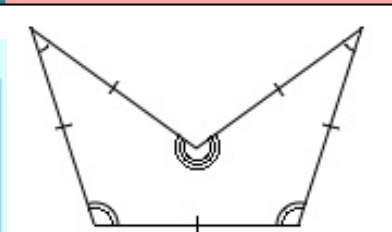
Opposite angles in a parallelogram are always equal

Parallel lines never meet, running alongside one another



Perpendicular lines cross at 90 degrees.

All of the angles in an **irregular polygon** are the same

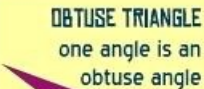


RIGHT, ACUTE, OBTUSE

RIGHT TRIANGLE
one angle is a right angle



ACUTE TRIANGLE
all three angles are acute angles



OBTUSE TRIANGLE
one angle is an obtuse angle



EQUILATERAL, ISOSCELES, SCALENE



EQUILATERAL TRIANGLE
all sides are the same length

ISOSCELES TRIANGLE
at least two sides are the same length



SCALENE TRIANGLE
all sides have a different length

