

TRIANGLES

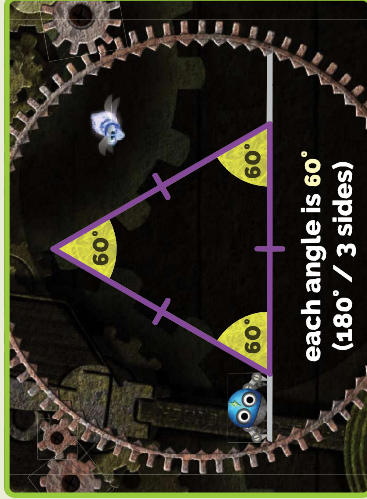
A **TRIANGLE** is a plane figure with three straight sides and three angles

Q: What is the sum of the angles of a triangle?
A: 180°

TYPES OF TRIANGLES

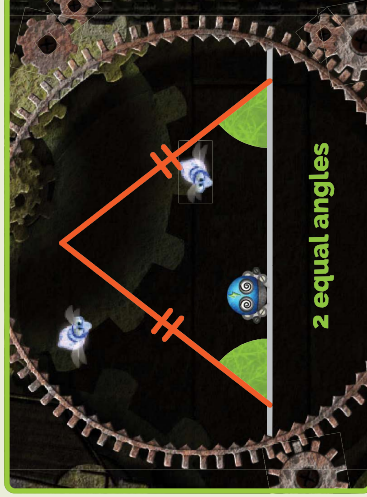
Equilateral

Triangle in which all three sides are equal



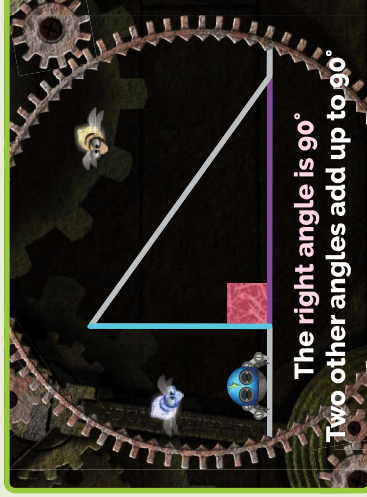
Isosceles

Triangle that has **two sides of equal length**



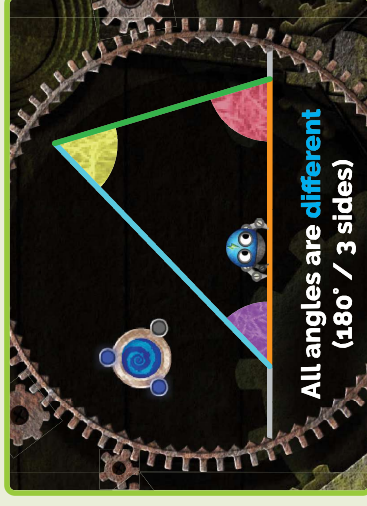
Right Angle Triangle

Triangle in which **one angle is a right angle**



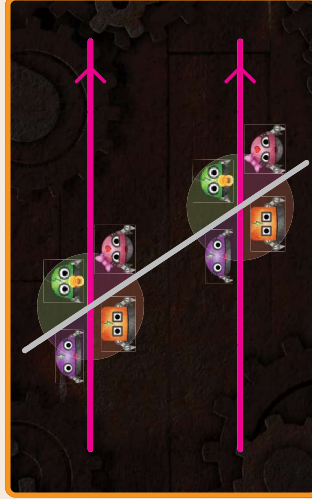
Scalene

Triangle in which all three sides have **different lengths**



ANGLE PROPERTIES OF PARALLEL LINES

Corresponding Angles



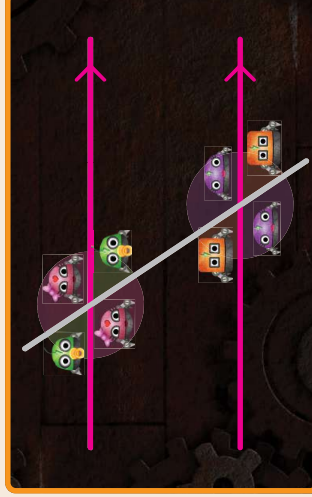
Same colour angles are the same size. These are called **CORRESPONDING ANGLES**



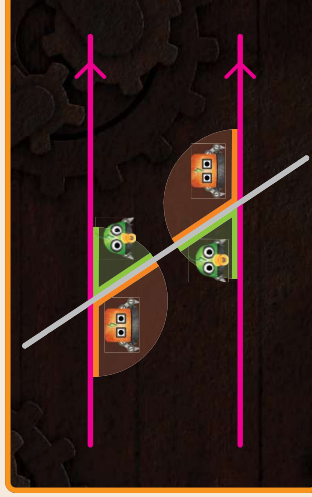
Same colour angles are the same size. They are **VERTICALLY OPPOSITE ANGLES**



Vertically Opposite Angles



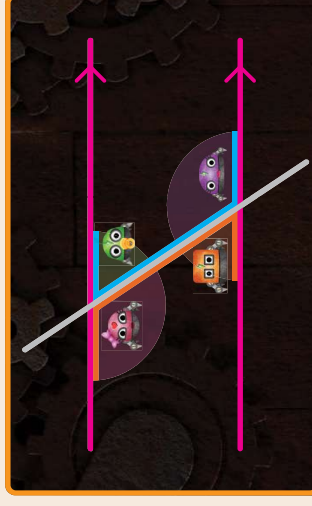
Alternate Angles



Same colour angles are the same size. They are **ALTERNATE ANGLES**



Interior Angles



On parallel lines, **INTERIOR ANGLES** add up to 180°

