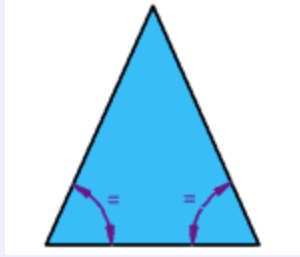


Isosceles Triangle



A triangle with two equal sides

The angles opposite the equal sides are also equal

Properties

- The unequal side of an isosceles triangle is usually referred to as the 'base' of the triangle.
- The base angles of an isosceles triangle are always equal. In the figure above, the angles $\angle ABC$ and $\angle ACB$ are always the same
- When the 3rd angle is a right angle, it is called a "right isosceles triangle".
- The altitude is a perpendicular distance from the base to the topmost vertex.