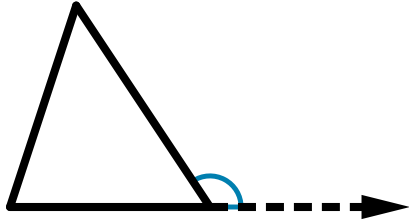
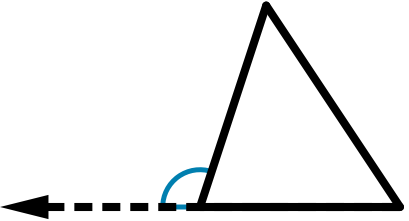
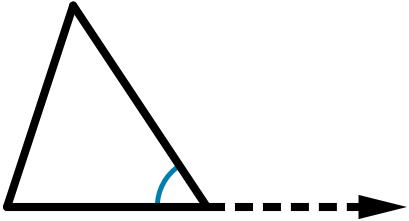


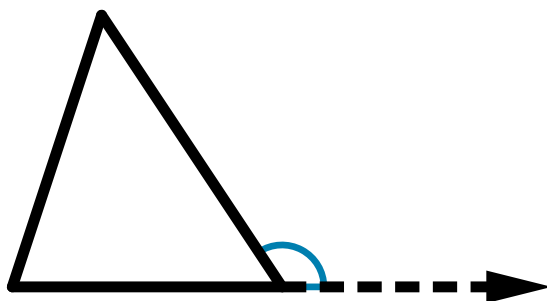
Exterior Angle of a Triangle

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

An exterior angle of a triangle is an angle formed when one side of the triangle is extended beyond a vertex.



Key points:

- Each vertex of a triangle has two exterior angles (one on each side), but usually only one is considered at a time.
- An exterior angle and its adjacent interior angle are a **linear pair** and add to 180° .
- The **Exterior Angle Theorem** states that the measure of an exterior angle is equal to the sum of the two non-adjacent interior angles.