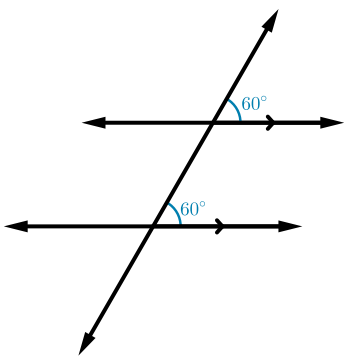
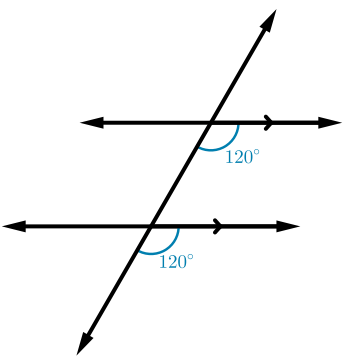
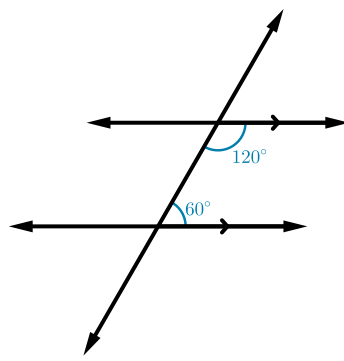


Corresponding Angles

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

Corresponding angles are pairs of angles that:

- Are **on the same side** of the transversal
- Are **in the same relative position** at each intersection

When do they occur?

When a **transversal** cuts through **two lines**, corresponding angles form at each point where the transversal crosses a line.

Key fact:

If the two lines are **parallel**, then the **corresponding angles are congruent** (equal in measure).

Example:

If transversal t crosses lines l and m , then:

- The angle **above line l** and to the **right of the transversal**
- Corresponds to the angle **above line m** and to the **right of the transversal**

These two angles are a **pair of corresponding angles**.

