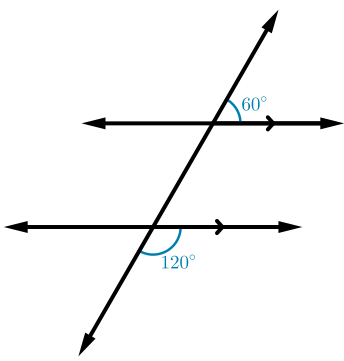
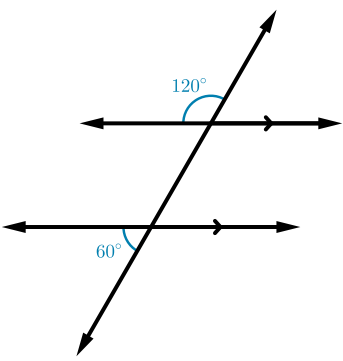
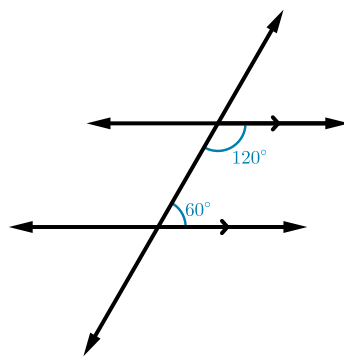


Same-Side Exterior Angles

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

In Geometry, **same-side exterior angles** are:

“A pair of angles that are on the **same side of the transversal** and **outside** the two lines it intersects.”

Key characteristics:

- They are **outside** the two lines
- On the **same side** of the transversal
- Also called **consecutive exterior angles**

Important note:

If the two lines are **parallel**, then **same-side exterior angles are supplementary** (their measures add up to 180°).

Example:

If line $l \parallel m$, and transversal t crosses them, then:

- $\angle 1$ and $\angle 2$ form a pair of **same-side exterior angles**, and $\angle 1 + \angle 2 = 180^\circ$.

