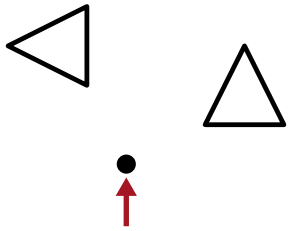
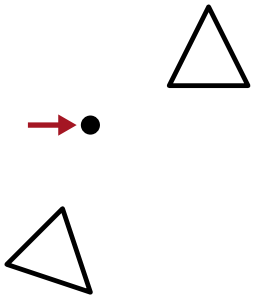
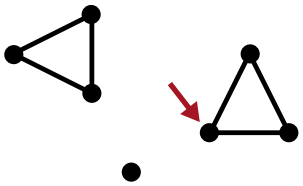
Center of Rotation

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

The **center of rotation** is the **fixed point** around which a figure is rotated.

Key Points:

- It **does not move** during the rotation.
- Every point in the figure moves in a **circular arc** around this center.
- All points in the figure stay the **same distance** from the center of rotation during the movement.

Example:

If you rotate a triangle 90° about the origin, the **origin** is the **center of rotation**—every point on the triangle turns around that fixed point.