Goal: I will be able to _____

_____

Tool Bag

Formulas,
equations,
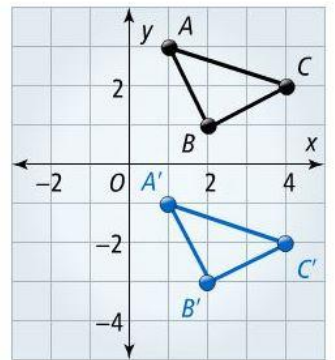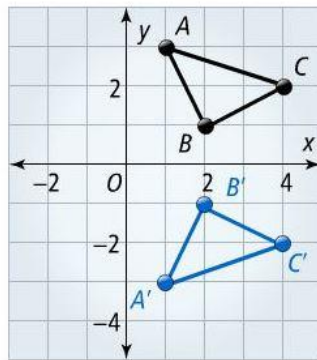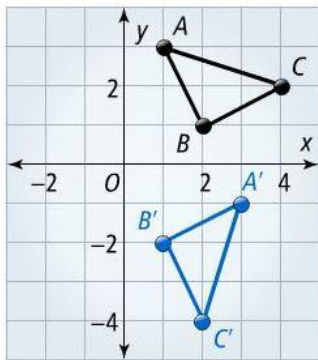vocabulary, etc.
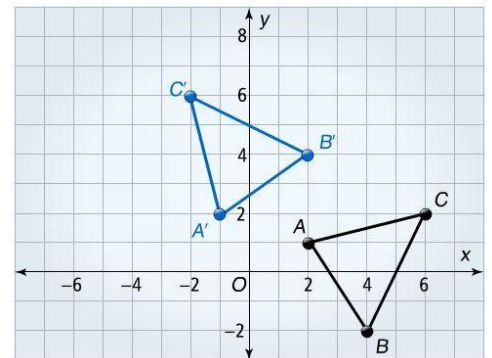
Rotation

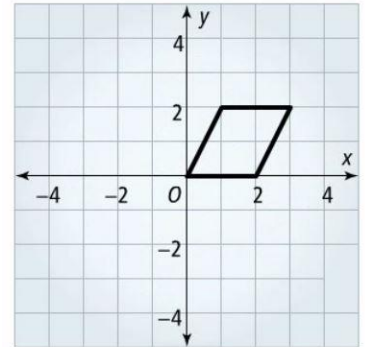**Center of Rotation**

Angle of Rotation

Here's How…Notes & Examples

Example 1

Which of the following is a rotation?

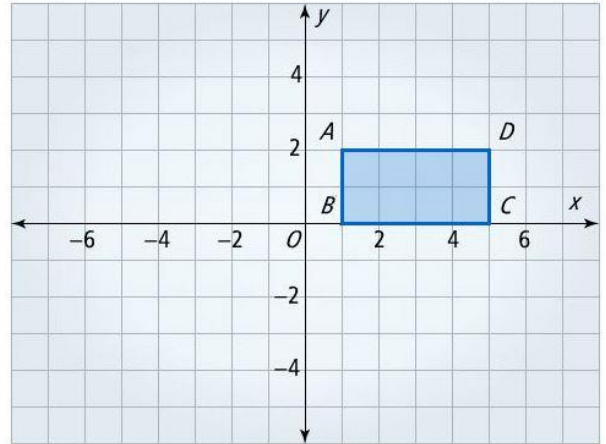**Angle of Rotation**

We Try

Rectangle ABCD has coordinates A (1,2), B (1,0), C (5,0), & D (5,2)

a) Rotate ABCD 90° about the origin, and draw it there.

b) Rotate ABCD 180° about the origin, and draw it there.

c) Rotate ABCD 270° about the origin, and draw it there.

d) Use arrow notation to describe the rotation of ABCD.

Angle of Rotation	Original Coordinate		Rotated Coordinate
90°	A (1,2)	⟶	
	B (1,0)		
	C (5,0)		
	D (5,2)		
180°	A (1,2)		
	B (1,0)		
	C (5,0)		
	D (5,2)		
270°	A (1,2)		
	B (1,0)		
	C (5,0)		
	D (5,2)		