

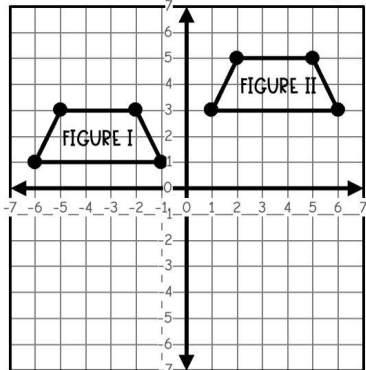
# IDENTIFYING TRANSFORMATIONS

## Guided Notes

### ESSENTIAL QUESTION

How do I identify transformations from an image & what are its key features?

Figure I is transformed to create Figure II



Type of Transformation:

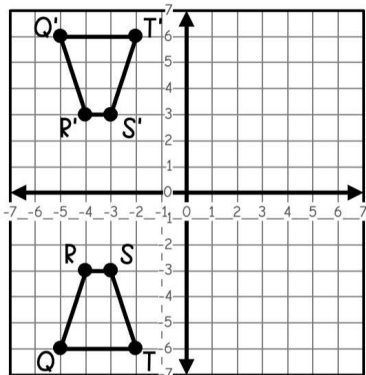
Congruence:

Orientation of Vertices:

Orientation of Figure:

Which rule best describes this transformation?

- A.  $(2x, 7y)$
- B.  $(x + 2, y + 7)$
- C.  $(x - 7, y - 2)$
- D.  $(x + 7, y + 2)$



Type of Transformation:

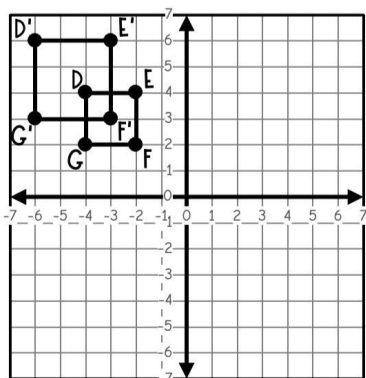
Congruence:

Orientation of Vertices:

Orientation of Figure:

Which rule best describes this transformation?

- A.  $(x, -y)$
- B.  $(-x, y)$
- C.  $(x, y - 3)$
- D.  $(x, y + 6)$



Type of Transformation:

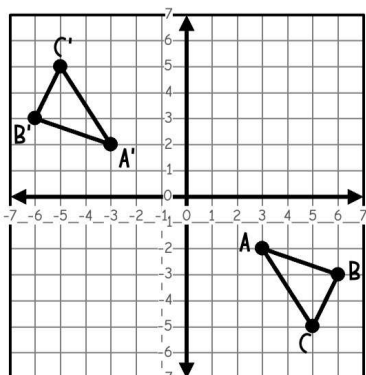
Congruence:

Orientation of Vertices:

Orientation of Figure:

Which rule best describes this transformation?

- A.  $(x + 1.5, y + 1.5)$
- B.  $(\frac{3}{2}x, \frac{3}{2}y)$
- C.  $(\frac{2}{3}x, \frac{2}{3}y)$
- D.  $(x + 2, y + 2)$



Type of Transformation:

Congruence:

Orientation of Vertices:

Orientation of Figure:

Which rule best describes this transformation?

- A.  $(x, -y)$
- B.  $(-y, x)$
- C.  $(-x, -y)$
- D.  $(y, -x)$