



Identify congruent figures after transformations

1

neither similar nor congruent

A All angles are identical

B One or more angles are different

2

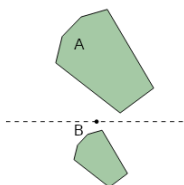
All angles are identical

A similar

B neither similar nor congruent

3

Is the transformation of shape A into shape B a Translation?

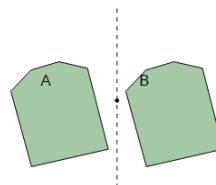


A Translation

B Not a Translation

4

Is the transformation of shape A into shape B a Reflection?

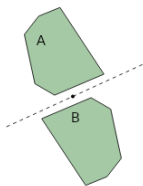


A Reflection

B Not a Reflection

5

Identify the transformation that changes shape A into shape B



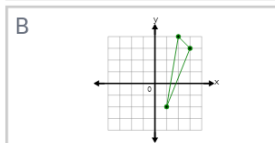
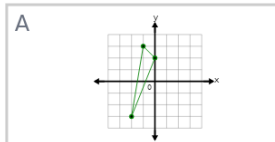
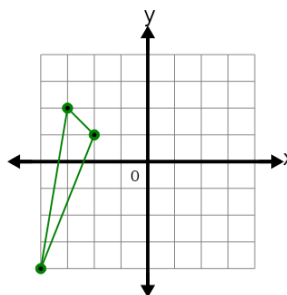
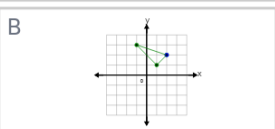
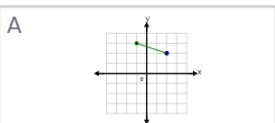
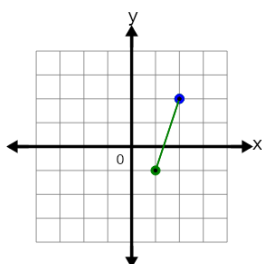
A Reflection

B Translation

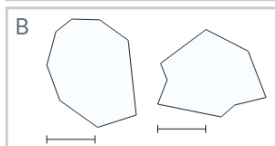
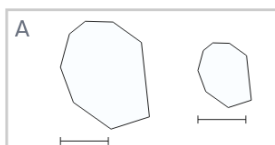
C Rotation

6

Translate this shape by (2,1)

**7**Rotate this shape by 90° clockwise about point (2,2)**8**

neither similar nor congruent

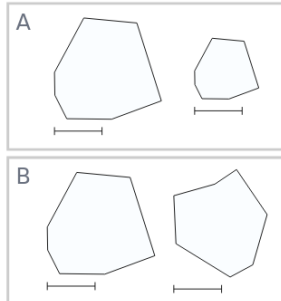




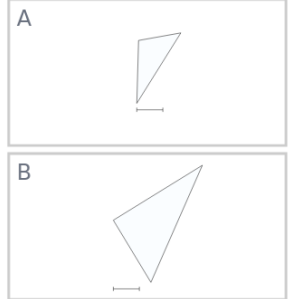
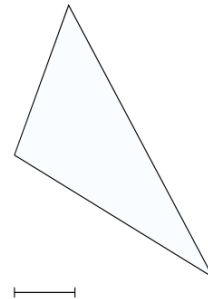
Identify congruent figures after transformations

9

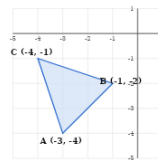
All angles are identical

**10**

Which image is similar to this shape?

**11**

The triangle ABC is transformed by two transformations in sequence: (1) rotate 270° counter-clockwise about the origin; then (2) dilate by a scale factor of 2 about the origin. Is the final image congruent or similar to triangle ABC?

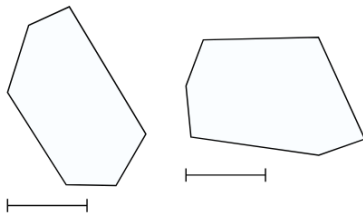


A Congruent

B Similar

12

Are these shapes similar?

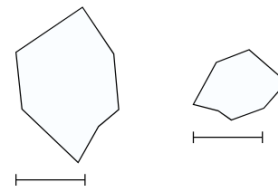


A Yes

B No

13

What is the most accurate description of these shapes?



A All angles are identical

B All angles and side lengths are identical