

6. What are the coordinates of the image after dilating the following point  $(7, -4)$  by a scale factor of  $\frac{1}{2}$ ?

- A.  $(7, -8)$
- B.  $(14, -8)$
- C.  $(-3.5, 2)$
- D.  $(3.5, -2)$

7. Solve for the value of  $x$  in the diagram to the right.

- A. 8
- B. 5
- C. 10
- D. 3



8. If  $\triangle ERQ \sim \triangle GRF$ , find the measure of the missing length.

- A. 60
- B. 82
- C. 84
- D. 30

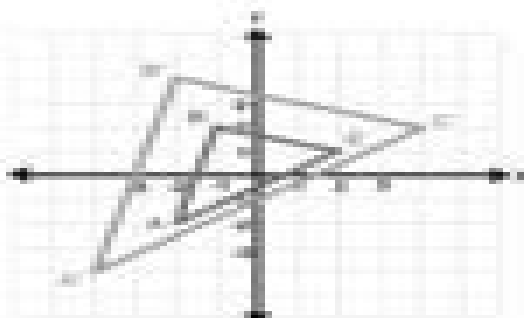


9. Which of the following statements is true, given two polygons are similar?

- A. Corresponding angles and sides are congruent
- B. Corresponding angles and sides are proportional
- C. Corresponding angles are proportional and corresponding sides are congruent
- D. Corresponding angles are congruent and corresponding sides are proportional

10. In the figure to the right  $\triangle ABC$  has been dilated to become  $\triangle A'B'C'$ . What is the scale factor and is it a reduction or enlargement?

- A.  $k = 2$ , reduction
- B.  $k = \frac{1}{2}$ , enlargement
- C.  $k = 2$ , enlargement
- D.  $k = \frac{1}{2}$ , reduction



# Geometry Similarity Topic Test Edgenuity

**Michael Hoelscher**

A red circular graphic with a gradient, appearing as a partial circle or a thick arc, located to the right of the name bar.

## **Geometry Similarity Topic Test Edgenuity:**

## Decoding **Geometry Similarity Topic Test Edgenuity**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Geometry Similarity Topic Test Edgenuity**," a mesmerizing literary creation penned by a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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