

Additional Vocabulary Support

Translations

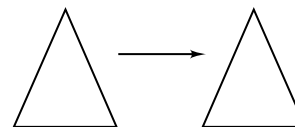
Choose the word from the list below that best matches each phrase.

- | | | |
|--------------------------------|---------------------|-------------|
| composition of transformations | corresponding parts | image |
| rigid motion | preimage | translation |
| transformation(s) | | |

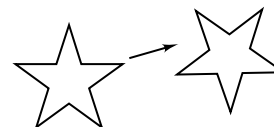
1. the figure that results from a transformation _____
2. the original figure in a transformation _____
3. flipping, sliding, or turning a figure _____
4. two or more transformations in combination _____

Use a word from the list above to complete each sentence.

5. This transformation is an example of a _____ because the figure slides in one direction, but does not flip, turn, or change size.



6. This translation is an example of a(n) _____ because it preserves distance and angle measures.



7. In a translation, the sides or angles of the preimage and image that have the same lengths or angle measures are _____.

Multiple Choice

8. For the transformation shown at the right, triangle ABC is called the
- | | |
|---|-------------------------------------|
| <input type="radio"/> (A) corresponding part. | <input type="radio"/> (C) image. |
| <input type="radio"/> (B) composition. | <input type="radio"/> (D) preimage. |

9. What type of transformation is shown at the right?
- | | |
|---------------------------------------|-----------------------------------|
| <input type="radio"/> (F) a flip | <input type="radio"/> (H) a slide |
| <input type="radio"/> (G) a reduction | <input type="radio"/> (I) a turn |

