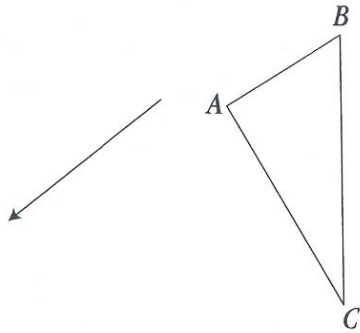


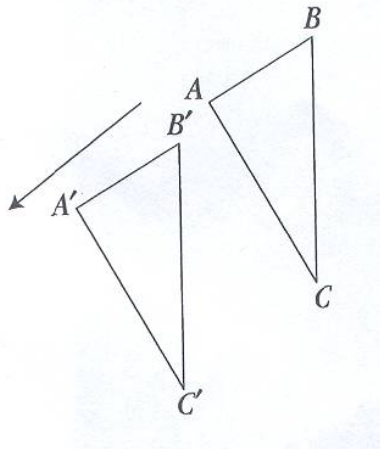
Problem:

1. Translate (slide) triangle ABC the distance and direction indicated by the arrow.
2. What is the relationship between each point on the original triangle and its image point under the translation?¹



Answer:

1.



2. Triangle A'B'C' is the image of original triangle ABC.
Each point on triangle ABC is moved the direction and distance shown by the arrow.

¹ Connected Mathematics Project (2004). *Kaleidoscopes, Hubcaps, and Mirrors* Pearson Prentice Hall