

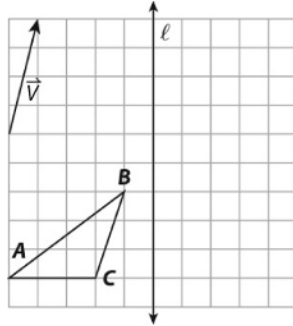
LESSON
3-1

Sequences of Transformations

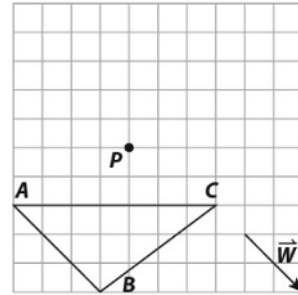
Practice and Problem Solving: A/B

Draw the image of $\triangle ABC$ after the given combination of transformations.

1. Translation along \vec{V} , then reflection across line ℓ



2. 180° rotation around point P , then translation along \vec{W}



Rectangle $ABCD$ is reflected across the y -axis, rotated 90° clockwise, and translated along the vector $\langle -6, 2 \rangle$. Describe the effect on the figure.

3. Predict the effect of the first transformation.

4. Predict the effect of the second transformation.

5. Predict the effect of the third transformation.

