LESSON 1-3

Representing and Describing Transformations

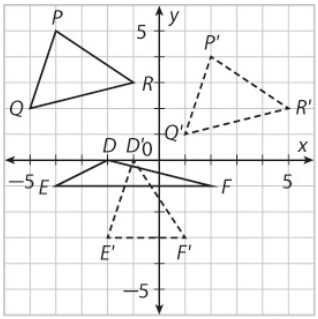
Practice and Problem Solving: A/B

1. Use coordinate notation to describe the transformation of $\triangle PQR$.

$P(-4, 5) \rightarrow P'(_____, _____)$

$Q(-5, 2) \rightarrow Q'(_____, _____)$

$R(-1, 3) \rightarrow R'(_____, _____)$

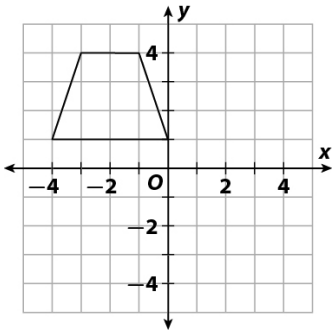


2. Write the coordinate notation for $\triangle PQR$.

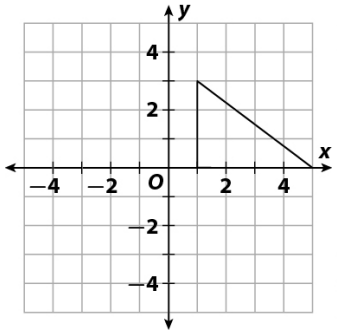
$(x, y) \rightarrow (_____, _____)$

Draw the image of each figure under the given transformation, then describe it in words.

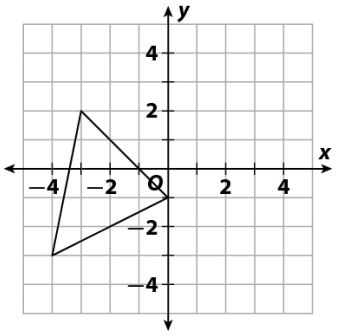
3. $(x, y) \rightarrow (x + 4, y - 5)$



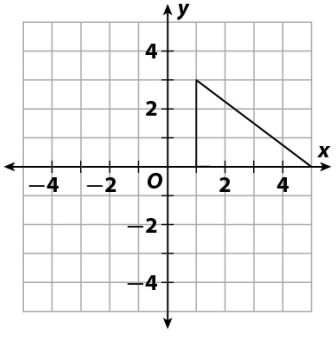
4. $(x, y) \rightarrow (-x, y)$



5. $(x, y) \rightarrow (x + 5, y + 2)$



6. $(x, y) \rightarrow (x, -y)$



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