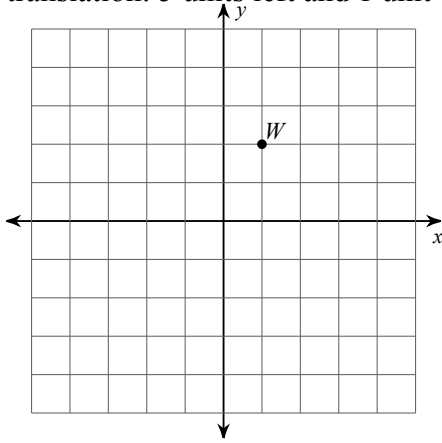


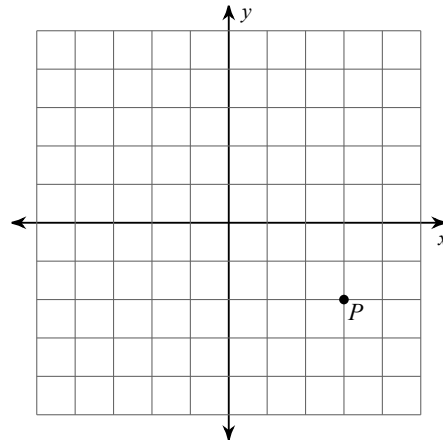
# Assignment

Find the coordinates of the vertices of each figure after the given transformation.

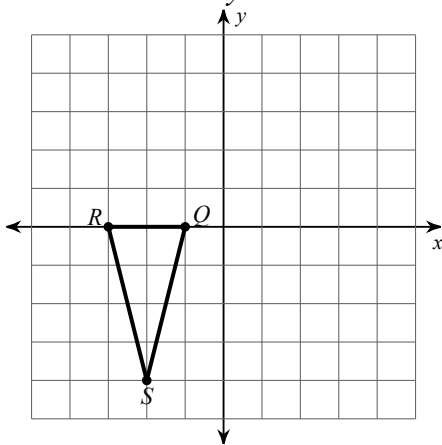
1) translation: 5 units left and 1 unit down



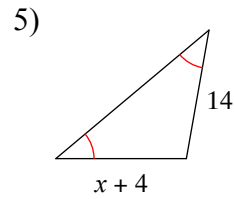
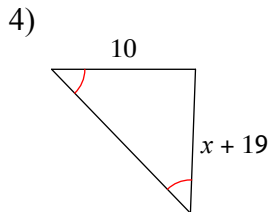
2) rotation 90° clockwise about the origin



3) reflection across  $y = -x$



Find the value of  $x$ .



## Answers to Assignment (ID: 1)

1)  $W(-4, 1)$

4)  $-9$

2)  $P(-2, -3)$

5)  $10$

3)  $R(0, 3), Q(0, 1), S(4, 2)$