



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Figure #1 is rotated to figure #2. What is the angle and direction of the rotation?

A 60° clockwise  
 B 90° counter-clockwise  
 C 90° clockwise  
 D 60° counter-clockwise

2 Triangle  $QRS$  shown is rotated  $180^\circ$  clockwise. What are the coordinates of the new figure?

A  $Q'(2, 2), R'(6, 3), S'(1, 5)$   
 B  $Q'(-2, -2), R'(-3, -5), S'(-1, -5)$   
 C  $Q'(2, 2), R'(5, 3), S'(5, 1)$   
 D  $Q'(2, -2), R'(3, -5), S'(1, -5)$

3 For the figure shown, if point  $A$  is rotated  $60^\circ$  counter-clockwise about point  $O$ , which point would it become?

4 Given the figure shown, what verbal description describes the translation from figure A to figure B?

**PREVIEW**

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7 \_\_\_\_\_ quadrant does the figure **not** lie?

A quadrant I  
 B quadrant II  
 C quadrant III  
 D quadrant IV

8 True or false?

A true  
 B false

9 Which figure is a dilation of triangle  $XYZ$ ?

A A  
 B B  
 C C  
 D D

10 Point  $B$  is at  $(-6, 4)$ . What would be the coordinates of point  $B$  under a dilation of  $.5$ ?

A  $(2, -2)$   
 B  $(2, 3)$   
 C  $(-2, 3)$   
 D  $(8, 12)$



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