



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° 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° 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

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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