

## Rotating on a Coordinate Plane

2)

Name:

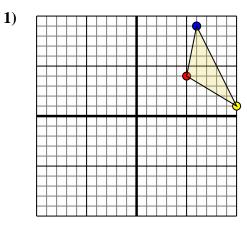
Answers

2

Graph

Graph

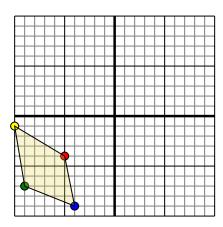
## Rotate each shape as described.



The shape above has the following coordinates:

- A. (5,4)
- **B**. (10,1)
- C. (6,9)

Rotate the shape 270° clockwise.



The shape above has the following coordinates:

- A. (-5,-4)
- B. (-10,-1)
- C. (-9,-7)
- D. (-4,-9)

**4**)

Rotate the shape 270° counter-clockwise.

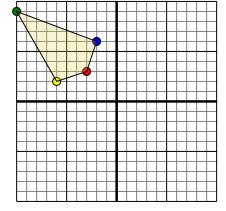


_		_	_	_	_	_	_	_	_		_	_	_	_	_	_	_	
																		L
																		L
																		Γ
																		Γ
																		Γ
																		t
	$\square$																	t
																		t
										_								
																4	Þ	
																4	Þ	
													_			1	<b>P</b>	
										-	×					1	<b>P</b>	
										-						1	<b>P</b>	
																	<b>P</b>	
																	<b>P</b> -	

The shape above has the following coordinates:

- A. (1,-5)
- B. (7,-3)
- C. (6,-8)

Rotate the shape  $90^{\circ}$  clockwise.



The shape above has the following coordinates:

- A. (-3,3)
- B. (-6,2)
- C. (-10,9)
- D. (-2,6)

Rotate the shape 180° counter-clockwise.



## Rotating on a Coordinate Plane

## Name: **Answer Key**

<u>Answers</u>

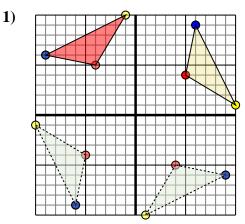
1. -4,5 -1,10 -9,6 Graph

2. <u>-4,5</u> <u>-1,10</u> <u>-7,9</u> <u>-9,4</u> Graph

3. <u>-5,-1</u> <u>-3,-7</u> <u>-8,-6</u> Graph

4. 3,-3 6,-2 10,-9 2,-6 Graph

Rotate each shape as described.

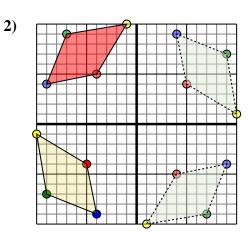


The shape above has the following coordinates:

A. (5,4)

- B. (10,1)
- C. (6,9)

Rotate the shape 270° clockwise.



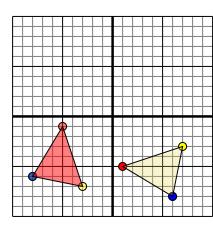
The shape above has the following coordinates:

A. (-5,-4)

- B. (-10,-1)
- C. (-9,-7)
- D. (-4,-9)

Rotate the shape 270° counter-clockwise.

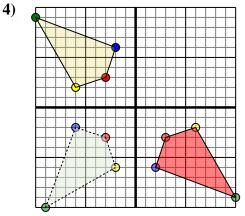
3)



The shape above has the following coordinates:

- A. (1,-5)
- B. (7,-3)
- C. (6,-8)

Rotate the shape  $90^{\circ}$  clockwise.



The shape above has the following coordinates:

- A. (-3,3)
- B. (-6,2)
- C. (-10,9)
- D. (-2,6)

Rotate the shape 180° counter-clockwise.