

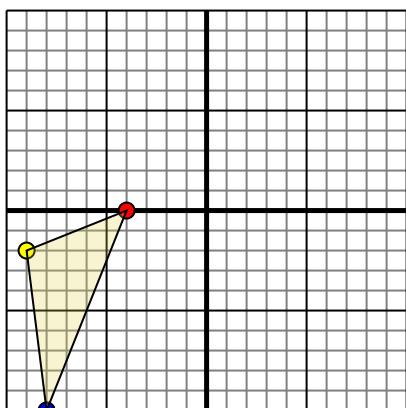


Rotating on a Coordinate Plane

Name: _____

Rotate each shape as described.

1)

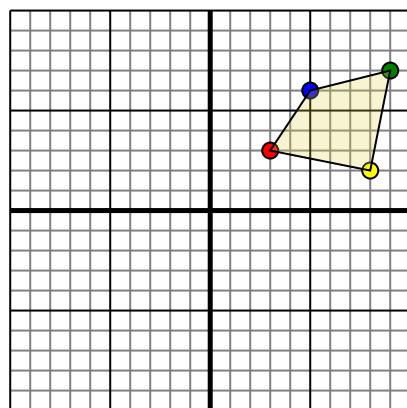


The shape above has the following coordinates:

- A. (-4,0)
- B. (-9,-2)
- C. (-8,-10)

Rotate the shape 180° clockwise.

2)



The shape above has the following coordinates:

- A. (3,3)
- B. (8,2)
- C. (9,7)
- D. (5,6)

Rotate the shape 180° clockwise.

Answers

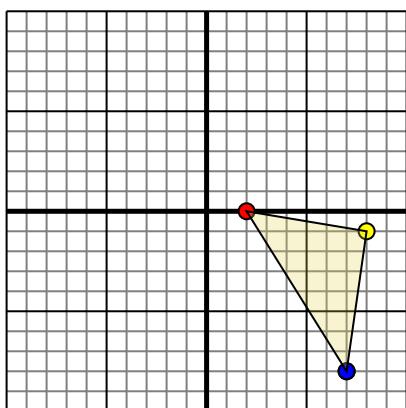
1. _____ Graph

2. _____ Graph

3. _____ Graph

4. _____ Graph

3)

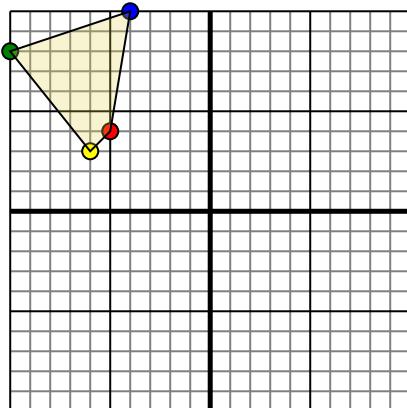


The shape above has the following coordinates:

- A. (2,0)
- B. (8,-1)
- C. (7,-8)

Rotate the shape 90° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (-5,4)
- B. (-6,3)
- C. (-10,8)
- D. (-4,10)

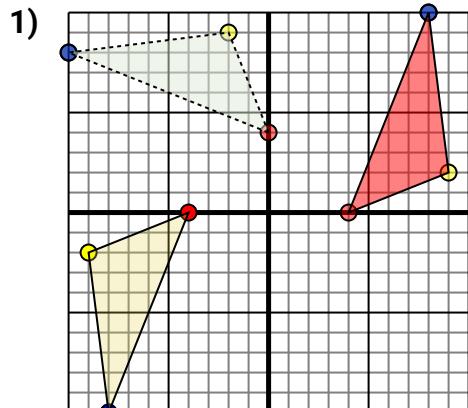
Rotate the shape 90° clockwise.



Rotating on a Coordinate Plane

Name: **Answer Key**

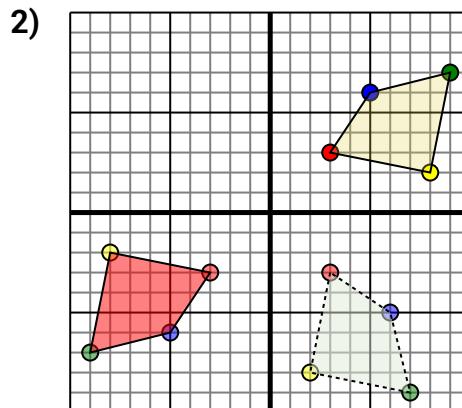
Rotate each shape as described.



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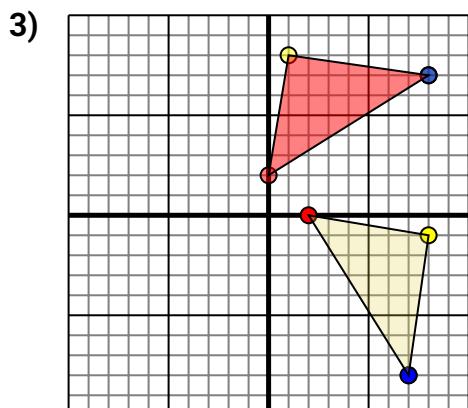
Rotate the shape 180° clockwise.



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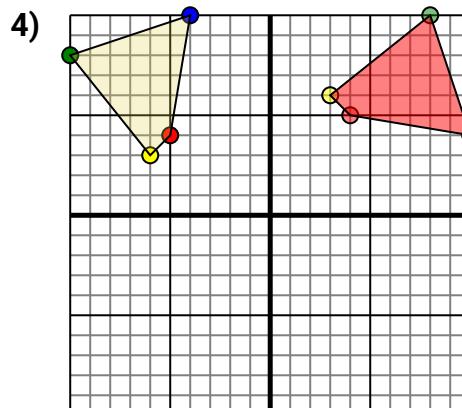
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The shape above has the following coordinates:

- A. (-5,4)
- B. (-6,3)
- C. (-10,8)
- D. (-4,10)

Rotate the shape 90° clockwise.

Answers

1. **4,0** **9,2** **8,10** [Graph](#)

2. **-3,-3** **-8,-2** **-9,-7** **-5,-6** [Graph](#)

3. **0,2** **1,8** **8,7** [Graph](#)

4. **4,5** **3,6** **8,10** **10,4** [Graph](#)