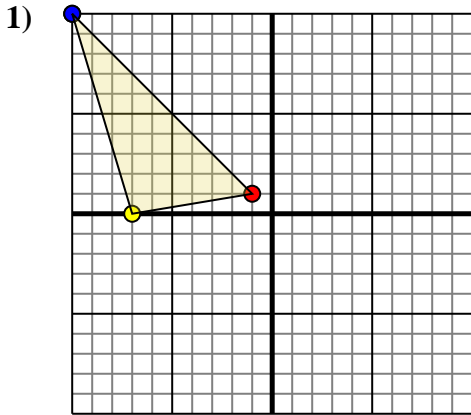




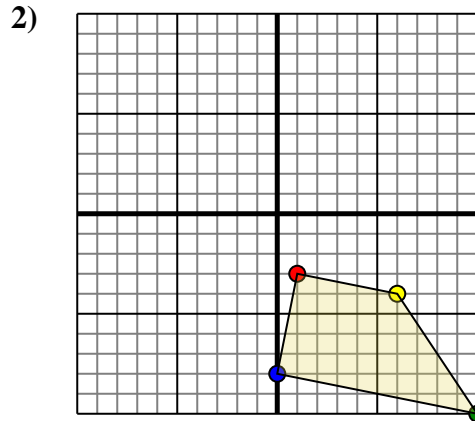
Rotate each shape as described.



The shape above has the following coordinates:

- A. (-1,1)
- B. (-7,0)
- C. (-10,10)

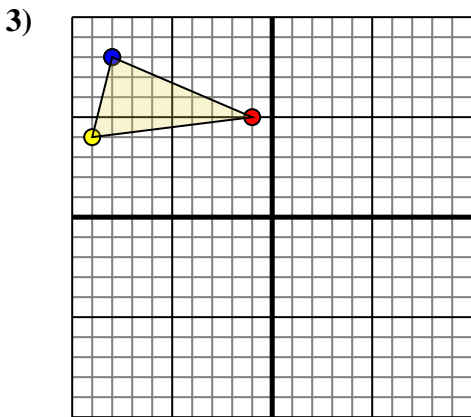
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (1,-3)
- B. (6,-4)
- C. (10,-10)
- D. (0,-8)

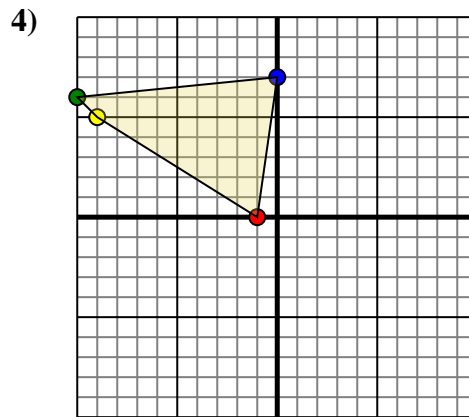
Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (-1,5)
- B. (-9,4)
- C. (-8,8)

Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (-1,0)
- B. (-9,5)
- C. (-10,6)
- D. (0,7)

Rotate the shape 90° clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

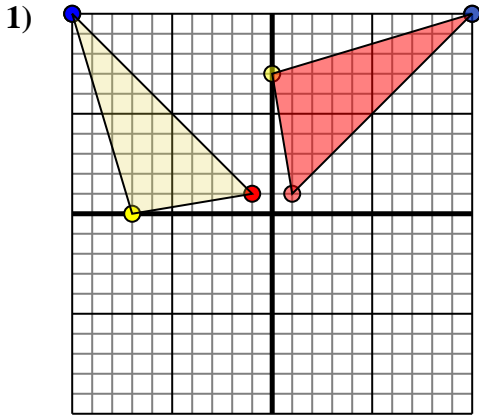
4c. \_\_\_\_\_

4d. \_\_\_\_\_

4e. **Graph**



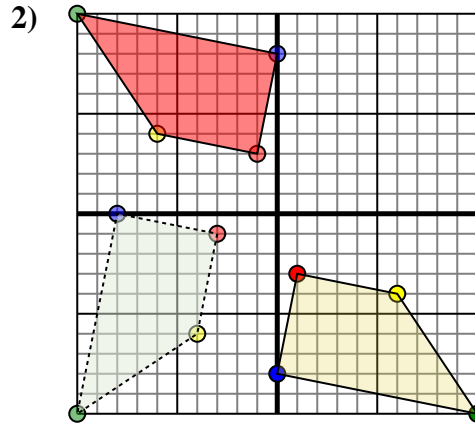
Rotate each shape as described.



The shape above has the following coordinates:

- A. (-1,1)
- B. (-7,0)
- C. (-10,10)

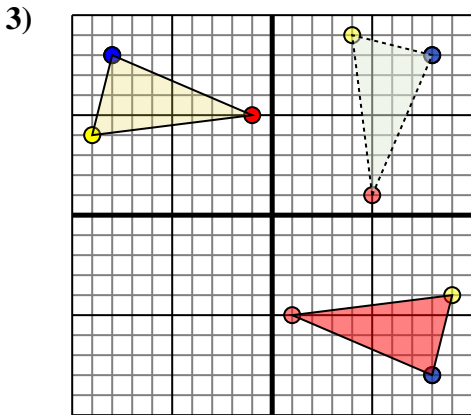
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (1,-3)
- B. (6,-4)
- C. (10,-10)
- D. (0,-8)

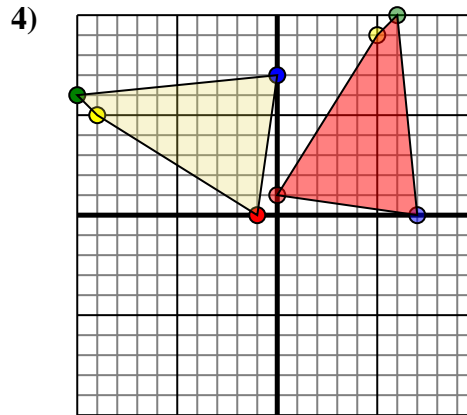
Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (-1,5)
- B. (-9,4)
- C. (-8,8)

Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (-1,0)
- B. (-9,5)
- C. (-10,6)
- D. (0,7)

Rotate the shape 90° clockwise.

Answers

1a. 1,1

1b. -0,7

1c. 10,10

1d. Graph

2a. -1,3

2b. -6,4

2c. -10,10

2d. -0,8

2e. Graph

3a. 1,-5

3b. 9,-4

3c. 8,-8

3d. Graph

4a. -0,1

4b. 5,9

4c. 6,10

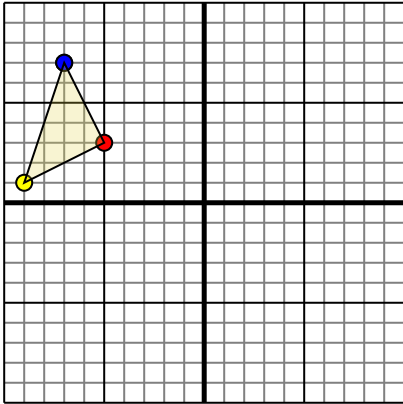
4d. 7,0

4e. Graph



Rotate each shape as described.

1)

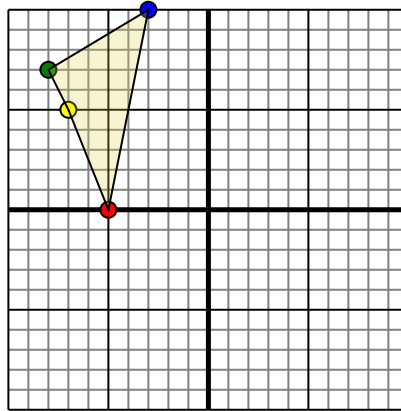


The shape above has the following coordinates:

- A. (-5,3)
- B. (-9,1)
- C. (-7,7)

Rotate the shape 180° counter-clockwise.

2)

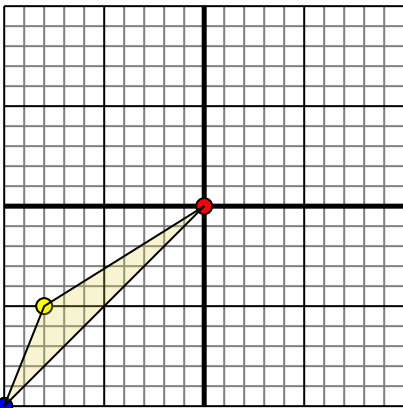


The shape above has the following coordinates:

- A. (-5,0)
- B. (-7,5)
- C. (-8,7)
- D. (-3,10)

Rotate the shape 90° counter-clockwise.

3)

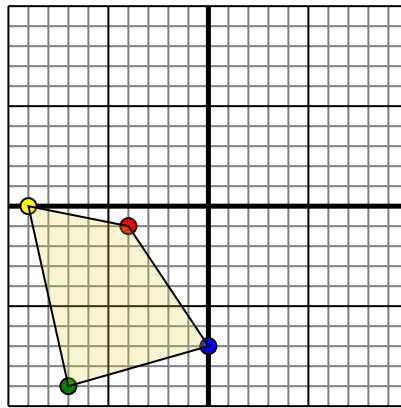


The shape above has the following coordinates:

- A. (0,0)
- B. (-8,-5)
- C. (-10,-10)

Rotate the shape 270° clockwise.

4)



The shape above has the following coordinates:

- A. (-4,-1)
- B. (-9,0)
- C. (-7,-9)
- D. (0,-7)

Rotate the shape 90° counter-clockwise.

**Answers**

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

4c. \_\_\_\_\_

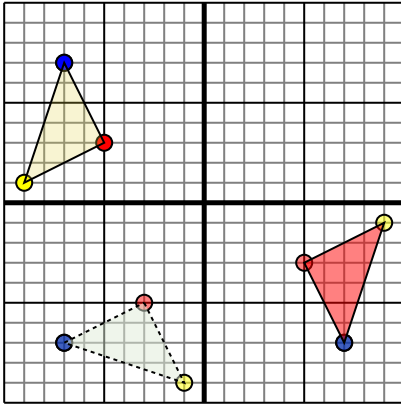
4d. \_\_\_\_\_

4e. **Graph**



Rotate each shape as described.

1)

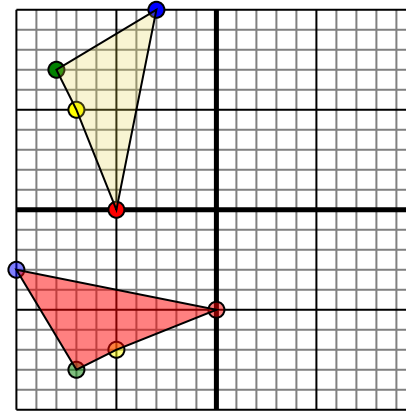


The shape above has the following coordinates:

- A. (-5,3)
- B. (-9,1)
- C. (-7,7)

Rotate the shape 180° counter-clockwise.

2)

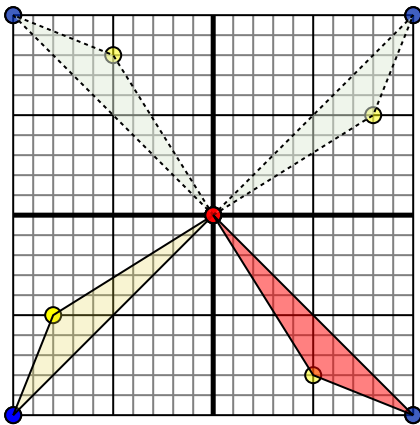


The shape above has the following coordinates:

- A. (-5,0)
- B. (-7,5)
- C. (-8,7)
- D. (-3,10)

Rotate the shape 90° counter-clockwise.

3)

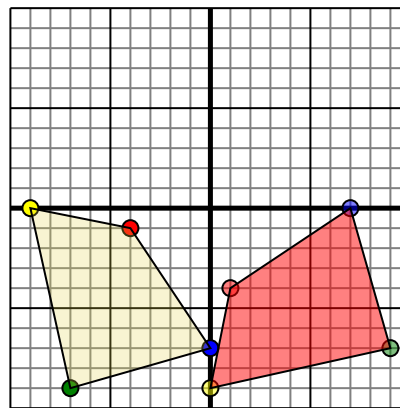


The shape above has the following coordinates:

- A. (0,0)
- B. (-8,-5)
- C. (-10,-10)

Rotate the shape 270° clockwise.

4)



The shape above has the following coordinates:

- A. (-4,-1)
- B. (-9,0)
- C. (-7,-9)
- D. (0,-7)

Rotate the shape 90° counter-clockwise.

Answers

1a. 5,-3

1b. 9,-1

1c. 7,-7

1d. Graph

2a. -0,-5

2b. -5,-7

2c. -7,-8

2d. -10,-3

2e. Graph

3a. -0,0

3b. 5,-8

3c. 10,-10

3d. Graph

4a. 1,-4

4b. -0,-9

4c. 9,-7

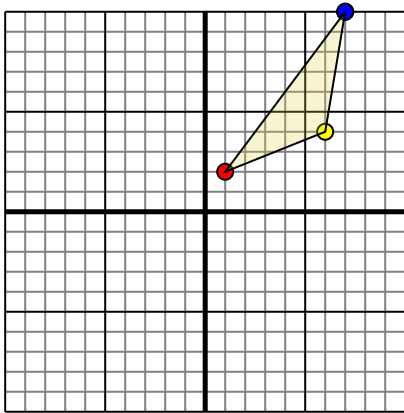
4d. 7,-0

4e. Graph



Rotate each shape as described.

1)

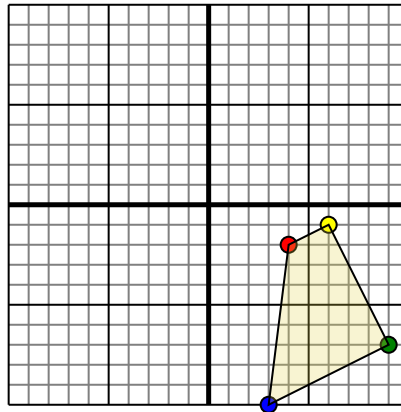


The shape above has the following coordinates:

- A. (1,2)
- B. (6,4)
- C. (7,10)

Rotate the shape 270° clockwise.

2)

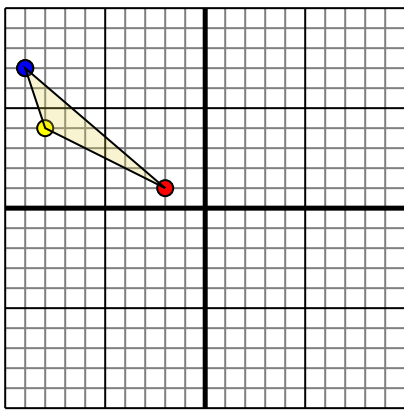


The shape above has the following coordinates:

- A. (4,-2)
- B. (6,-1)
- C. (9,-7)
- D. (3,-10)

Rotate the shape 180° counter-clockwise.

3)

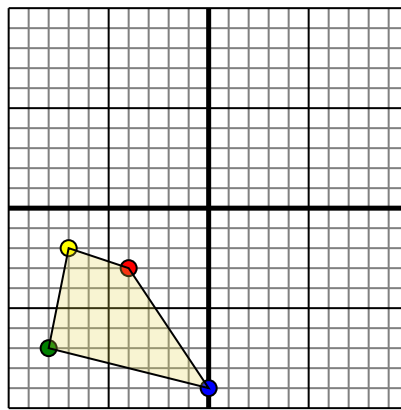


The shape above has the following coordinates:

- A. (-2,1)
- B. (-8,4)
- C. (-9,7)

Rotate the shape 180° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (-4,-3)
- B. (-7,-2)
- C. (-8,-7)
- D. (0,-9)

Rotate the shape 90° clockwise.

**Answers**

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

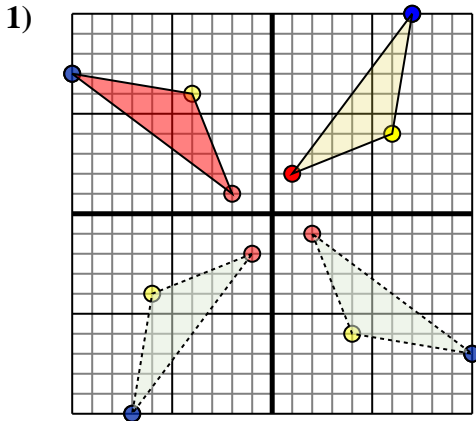
4c. \_\_\_\_\_

4d. \_\_\_\_\_

4e. **Graph**



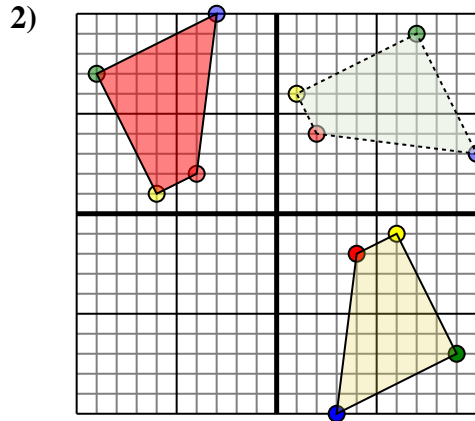
Rotate each shape as described.



The shape above has the following coordinates:

- A. (1,2)
- B. (6,4)
- C. (7,10)

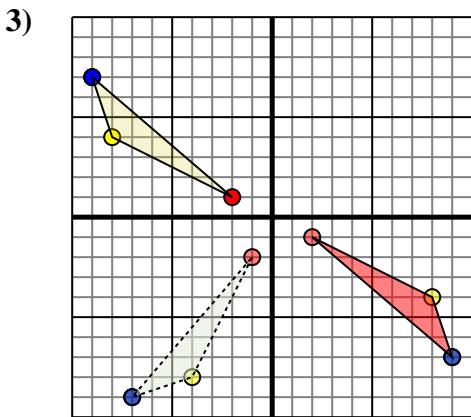
Rotate the shape 270° clockwise.



The shape above has the following coordinates:

- A. (4,-2)
- B. (6,-1)
- C. (9,-7)
- D. (3,-10)

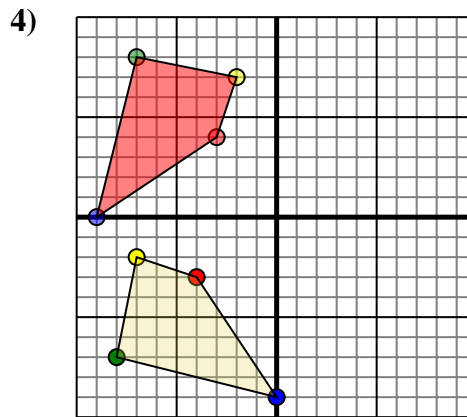
Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

- A. (-2,1)
- B. (-8,4)
- C. (-9,7)

Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

- A. (-4,-3)
- B. (-7,-2)
- C. (-8,-7)
- D. (0,-9)

Rotate the shape 90° clockwise.

Answers

1a. -2,1

1b. -4,6

1c. -10,7

1d. Graph

2a. -4,2

2b. -6,1

2c. -9,7

2d. -3,10

2e. Graph

3a. 2,-1

3b. 8,-4

3c. 9,-7

3d. Graph

4a. -3,4

4b. -2,7

4c. -7,8

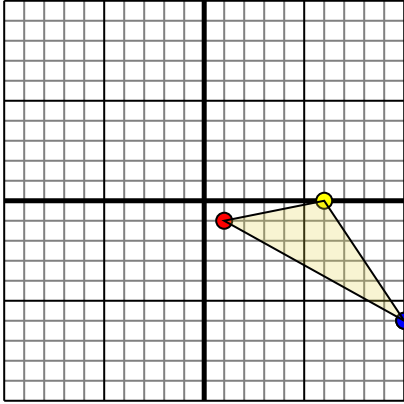
4d. -9,-0

4e. Graph



Rotate each shape as described.

1)

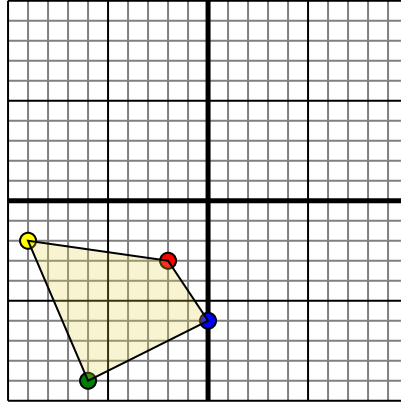


The shape above has the following coordinates:

- A. (1,-1)
- B. (6,0)
- C. (10,-6)

Rotate the shape 90° counter-clockwise.

2)

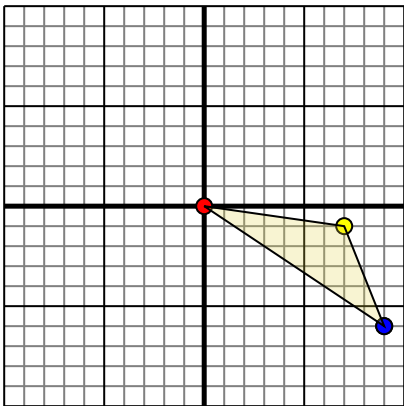


The shape above has the following coordinates:

- A. (-2,-3)
- B. (-9,-2)
- C. (-6,-9)
- D. (0,-6)

Rotate the shape 180° counter-clockwise.

3)

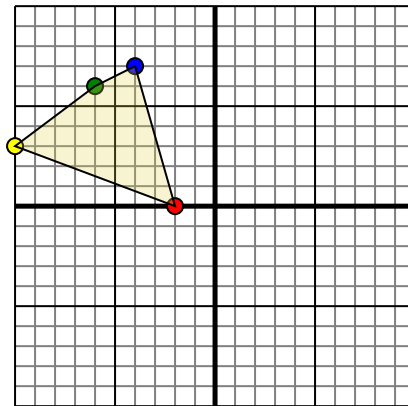


The shape above has the following coordinates:

- A. (0,0)
- B. (7,-1)
- C. (9,-6)

Rotate the shape 90° clockwise.

4)



The shape above has the following coordinates:

- A. (-2,0)
- B. (-10,3)
- C. (-6,6)
- D. (-4,7)

Rotate the shape 270° clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

4c. \_\_\_\_\_

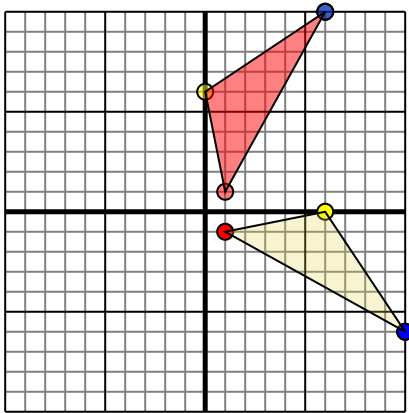
4d. \_\_\_\_\_

4e. **Graph**



Rotate each shape as described.

1)

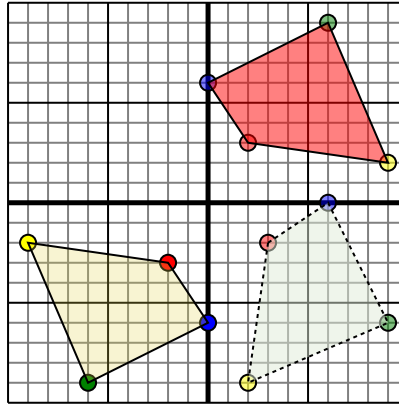


The shape above has the following coordinates:

- A. (1,-1)
- B. (6,0)
- C. (10,-6)

Rotate the shape 90° counter-clockwise.

2)

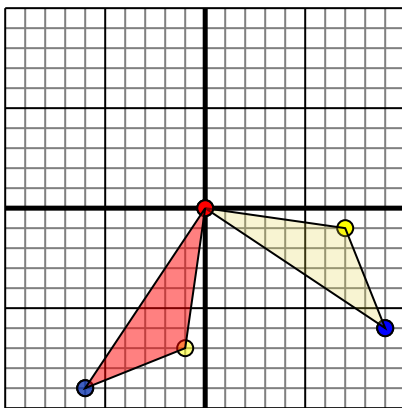


The shape above has the following coordinates:

- A. (-2,-3)
- B. (-9,-2)
- C. (-6,-9)
- D. (0,-6)

Rotate the shape 180° counter-clockwise.

3)

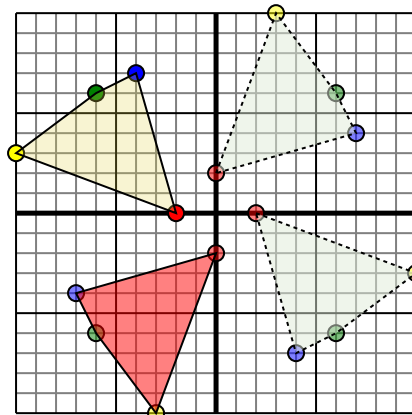


The shape above has the following coordinates:

- A. (0,0)
- B. (7,-1)
- C. (9,-6)

Rotate the shape 90° clockwise.

4)



The shape above has the following coordinates:

- A. (-2,0)
- B. (-10,3)
- C. (-6,6)
- D. (-4,7)

Rotate the shape 270° clockwise.

Answers

1a. **1,1**

1b. **0,6**

1c. **6,10**

1d. **Graph**

2a. **2,3**

2b. **9,2**

2c. **6,9**

2d. **0,6**

2e. **Graph**

3a. **0,0**

3b. **-1,-7**

3c. **-6,-9**

3d. **Graph**

4a. **0,-2**

4b. **-3,-10**

4c. **-6,-6**

4d. **-7,-4**

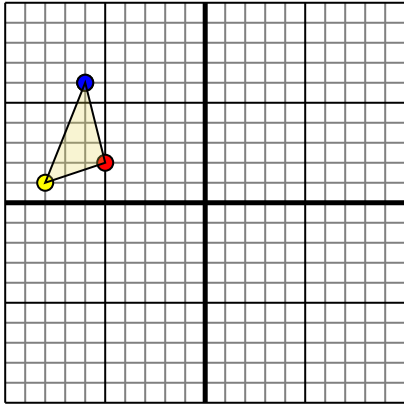
4e. **Graph**





Rotate each shape as described.

1)

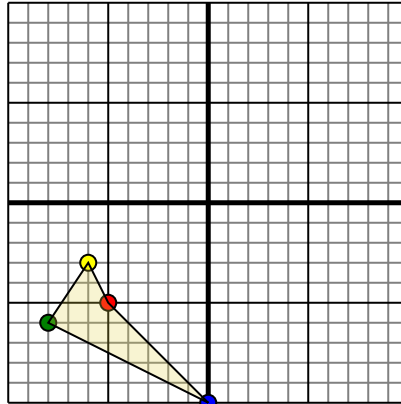


The shape above has the following coordinates:

- A. (-5,2)
- B. (-8,1)
- C. (-6,6)

Rotate the shape 180° clockwise.

2)

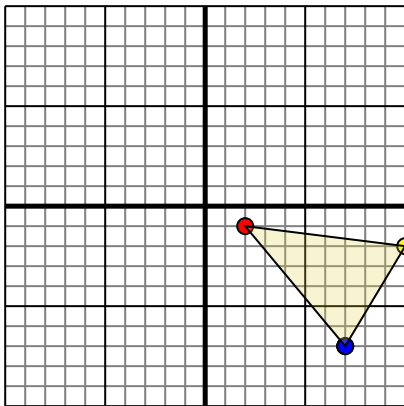


The shape above has the following coordinates:

- A. (-5,-5)
- B. (-6,-3)
- C. (-8,-6)
- D. (0,-10)

Rotate the shape 270° counter-clockwise.

3)

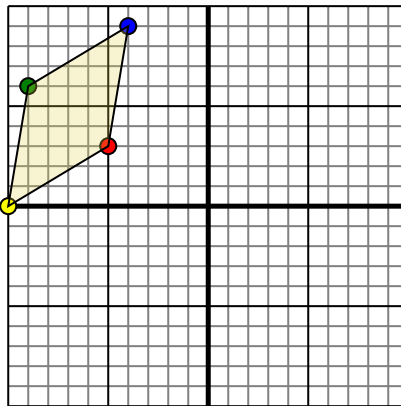


The shape above has the following coordinates:

- A. (2,-1)
- B. (10,-2)
- C. (7,-7)

Rotate the shape 90° clockwise.

4)



The shape above has the following coordinates:

- A. (-5,3)
- B. (-10,0)
- C. (-9,6)
- D. (-4,9)

Rotate the shape 90° counter-clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

4c. \_\_\_\_\_

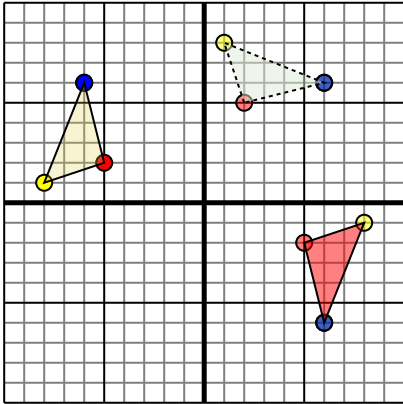
4d. \_\_\_\_\_

4e. **Graph**



Rotate each shape as described.

1)

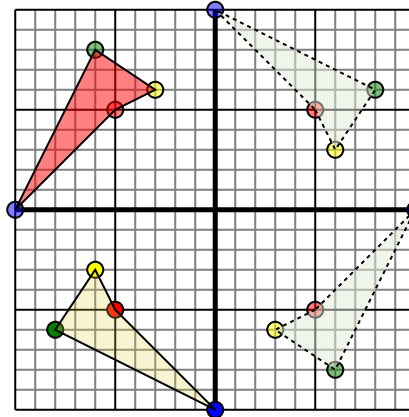


The shape above has the following coordinates:

- A. (-5,2)
- B. (-8,1)
- C. (-6,6)

Rotate the shape 180° clockwise.

2)

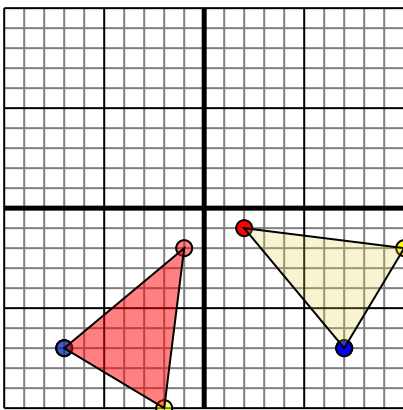


The shape above has the following coordinates:

- A. (-5,-5)
- B. (-6,-3)
- C. (-8,-6)
- D. (0,-10)

Rotate the shape 270° counter-clockwise.

3)

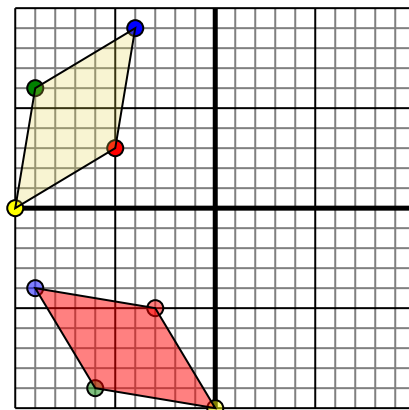


The shape above has the following coordinates:

- A. (2,-1)
- B. (10,-2)
- C. (7,-7)

Rotate the shape 90° clockwise.

4)



The shape above has the following coordinates:

- A. (-5,3)
- B. (-10,0)
- C. (-9,6)
- D. (-4,9)

Rotate the shape 90° counter-clockwise.

Answers

1a. 5,-2

1b. 8,-1

1c. 6,-6

1d. Graph

2a. -5,5

2b. -3,6

2c. -6,8

2d. -10,0

2e. Graph

3a. -1,-2

3b. -2,-10

3c. -7,-7

3d. Graph

4a. -3,-5

4b. -0,-10

4c. -6,-9

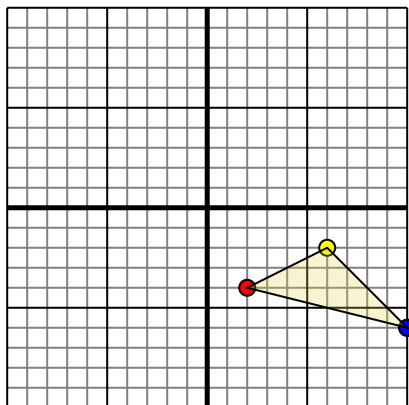
4d. -9,-4

4e. Graph



Rotate each shape as described.

1)

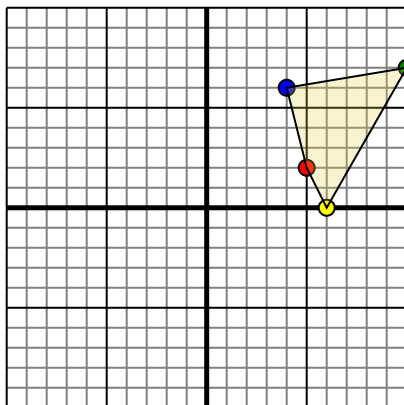


The shape above has the following coordinates:

- A. (2,-4)
- B. (6,-2)
- C. (10,-6)

Rotate the shape 90° counter-clockwise.

2)

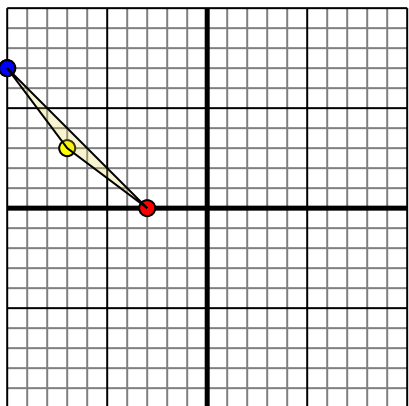


The shape above has the following coordinates:

- A. (5,2)
- B. (6,0)
- C. (10,7)
- D. (4,6)

Rotate the shape 90° counter-clockwise.

3)

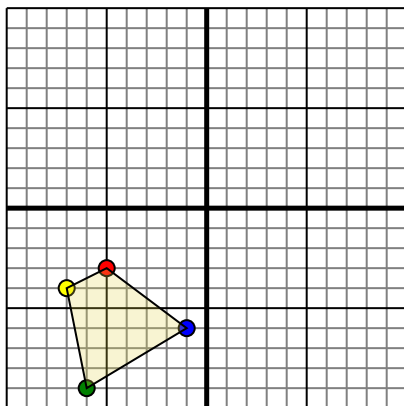


The shape above has the following coordinates:

- A. (-3,0)
- B. (-7,3)
- C. (-10,7)

Rotate the shape 180° clockwise.

4)



The shape above has the following coordinates:

- A. (-5,-3)
- B. (-7,-4)
- C. (-6,-9)
- D. (-1,-6)

Rotate the shape 270° clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

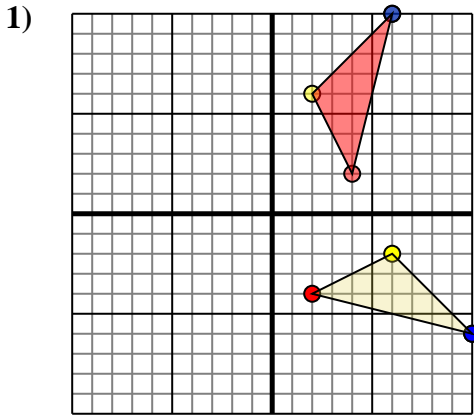
4c. \_\_\_\_\_

4d. \_\_\_\_\_

4e. **Graph**



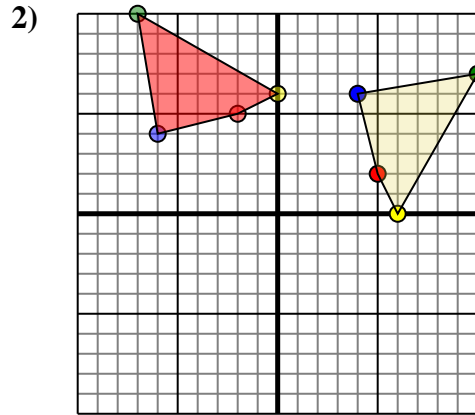
Rotate each shape as described.



The shape above has the following coordinates:

- A. (2,-4)
- B. (6,-2)
- C. (10,-6)

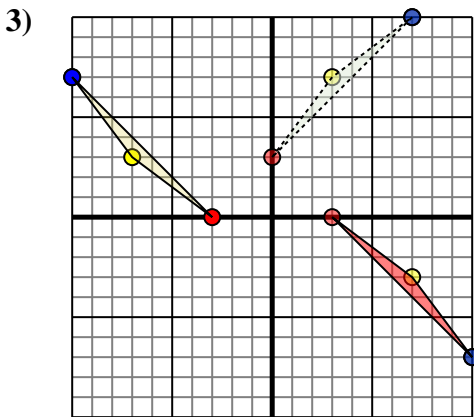
Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

- A. (5,2)
- B. (6,0)
- C. (10,7)
- D. (4,6)

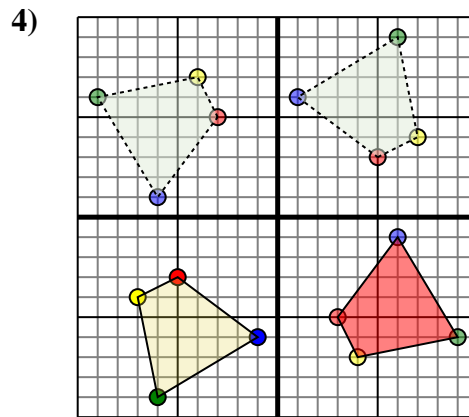
Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

- A. (-3,0)
- B. (-7,3)
- C. (-10,7)

Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (-5,-3)
- B. (-7,-4)
- C. (-6,-9)
- D. (-1,-6)

Rotate the shape 270° clockwise.

Answers

1a. **4,2**

1b. **2,6**

1c. **6,10**

1d. **Graph**

2a. **-2,5**

2b. **0,6**

2c. **-7,10**

2d. **-6,4**

2e. **Graph**

3a. **3,0**

3b. **7,-3**

3c. **10,-7**

3d. **Graph**

4a. **3,-5**

4b. **4,-7**

4c. **9,-6**

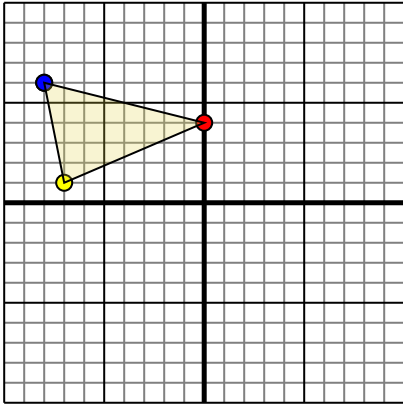
4d. **6,-1**

4e. **Graph**



Rotate each shape as described.

1)

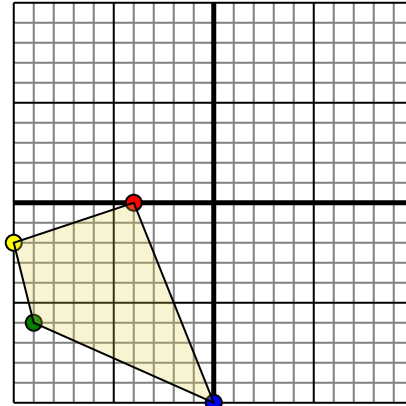


The shape above has the following coordinates:

- A. (0,4)
- B. (-7,1)
- C. (-8,6)

Rotate the shape 270° clockwise.

2)

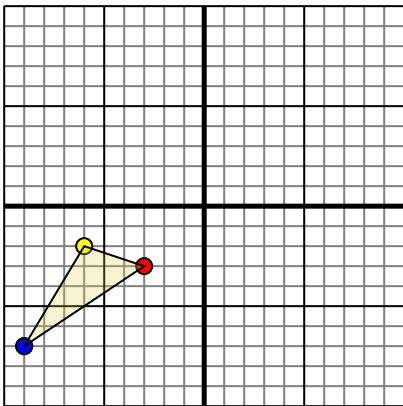


The shape above has the following coordinates:

- A. (-4,0)
- B. (-10,-2)
- C. (-9,-6)
- D. (0,-10)

Rotate the shape 270° clockwise.

3)

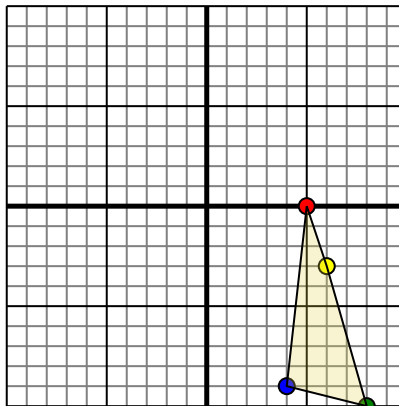


The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

4)



The shape above has the following coordinates:

- A. (5,0)
- B. (6,-3)
- C. (8,-10)
- D. (4,-9)

Rotate the shape 270° clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

4c. \_\_\_\_\_

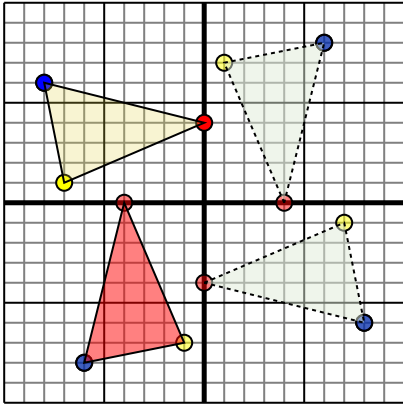
4d. \_\_\_\_\_

4e. **Graph**



Rotate each shape as described.

1)

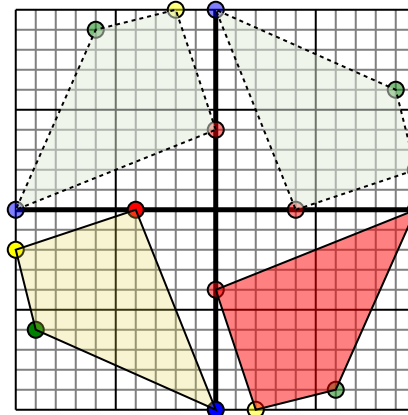


The shape above has the following coordinates:

- A. (0,4)
- B. (-7,1)
- C. (-8,6)

Rotate the shape 270° clockwise.

2)

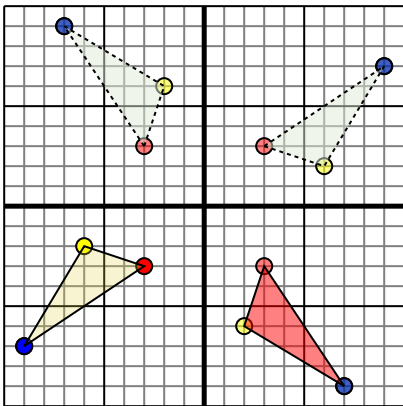


The shape above has the following coordinates:

- A. (-4,0)
- B. (-10,-2)
- C. (-9,-6)
- D. (0,-10)

Rotate the shape 270° clockwise.

3)

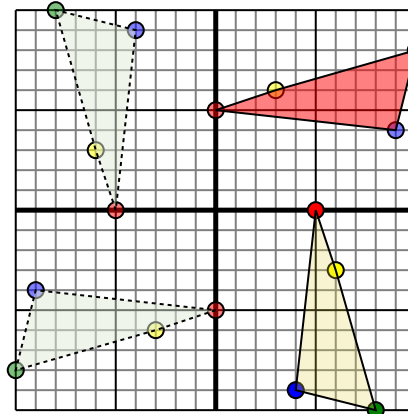


The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

4)



The shape above has the following coordinates:

- A. (5,0)
- B. (6,-3)
- C. (8,-10)
- D. (4,-9)

Rotate the shape 270° clockwise.

Answers

1a. **-4,-0**

1b. **-1,-7**

1c. **-6,-8**

1d. **Graph**

2a. **0,-4**

2b. **2,-10**

2c. **6,-9**

2d. **10,0**

2e. **Graph**

3a. **3,-3**

3b. **2,-6**

3c. **7,-9**

3d. **Graph**

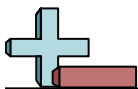
4a. **-0,5**

4b. **3,6**

4c. **10,8**

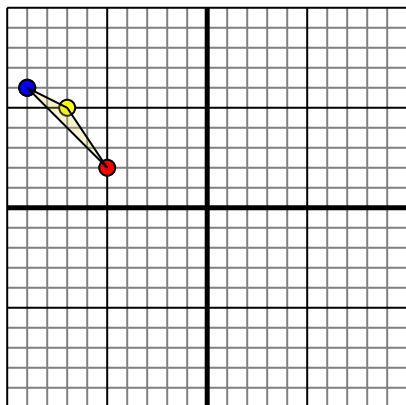
4d. **9,4**

4e. **Graph**



Rotate each shape as described.

1)

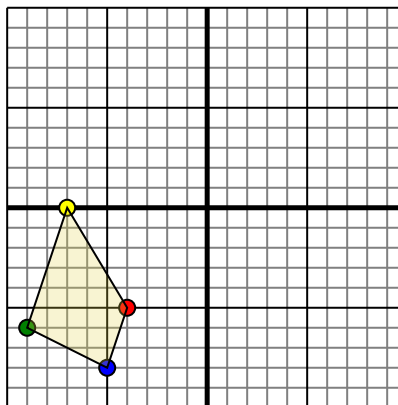


The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.

2)

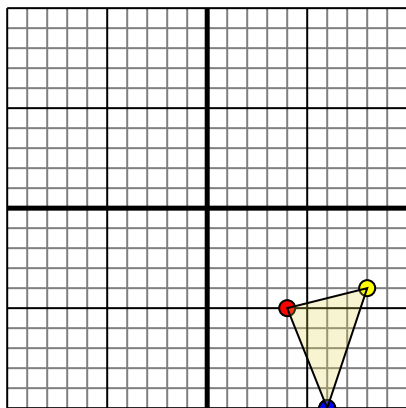


The shape above has the following coordinates:

- A. (-4,-5)
- B. (-7,0)
- C. (-9,-6)
- D. (-5,-8)

Rotate the shape 270° counter-clockwise.

3)

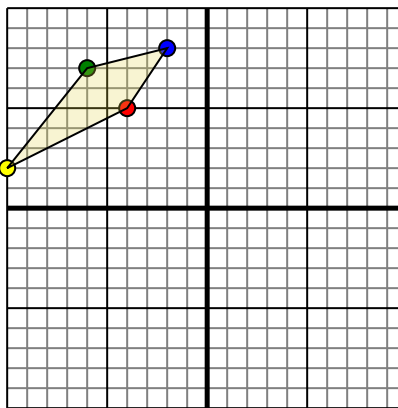


The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (-4,5)
- B. (-10,2)
- C. (-6,7)
- D. (-2,8)

Rotate the shape 180° clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

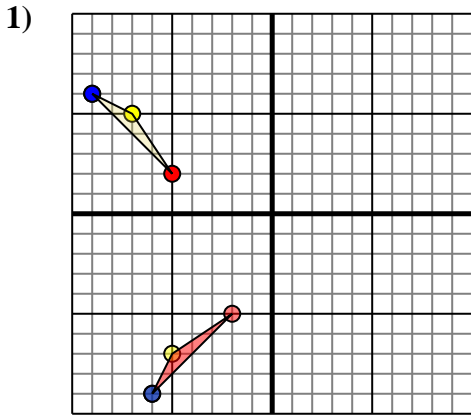
4c. \_\_\_\_\_

4d. \_\_\_\_\_

4e. **Graph**



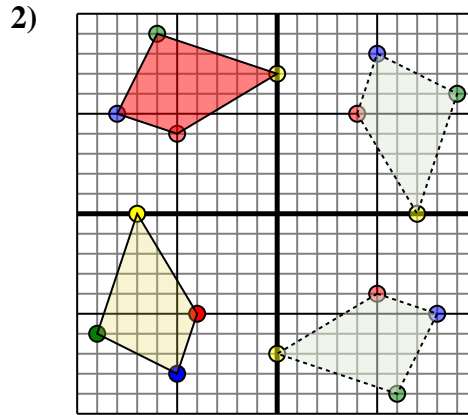
Rotate each shape as described.



The shape above has the following coordinates:

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

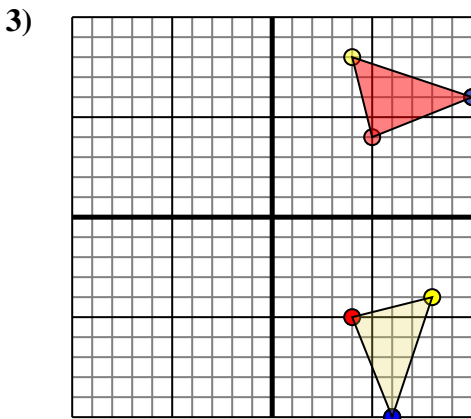
Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

- A. (-4,-5)
- B. (-7,0)
- C. (-9,-6)
- D. (-5,-8)

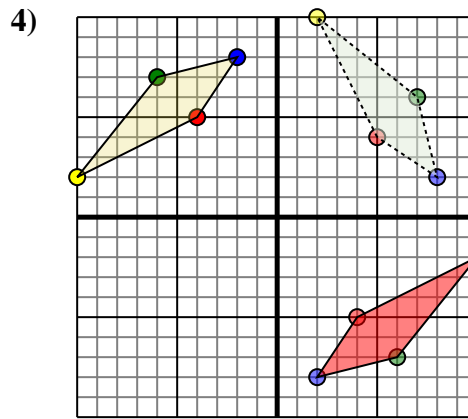
Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

- A. (-4,5)
- B. (-10,2)
- C. (-6,7)
- D. (-2,8)

Rotate the shape 180° clockwise.

Answers

1a. **-2,-5**

1b. **-5,-7**

1c. **-6,-9**

1d. **Graph**

2a. **-5,4**

2b. **0,7**

2c. **-6,9**

2d. **-8,5**

2e. **Graph**

3a. **5,4**

3b. **4,8**

3c. **10,6**

3d. **Graph**

4a. **4,-5**

4b. **10,-2**

4c. **6,-7**

4d. **2,-8**

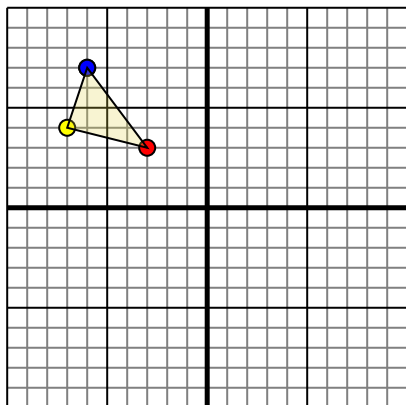
4e. **Graph**





Rotate each shape as described.

1)

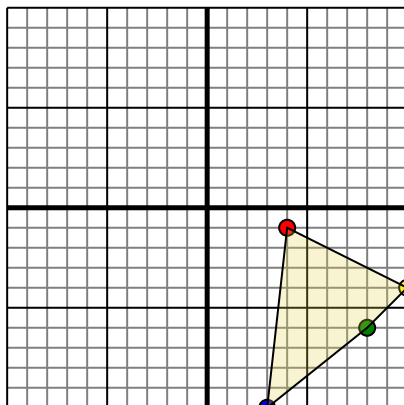


The shape above has the following coordinates:

- A. (-3,3)
- B. (-7,4)
- C. (-6,7)

Rotate the shape 270° counter-clockwise.

2)

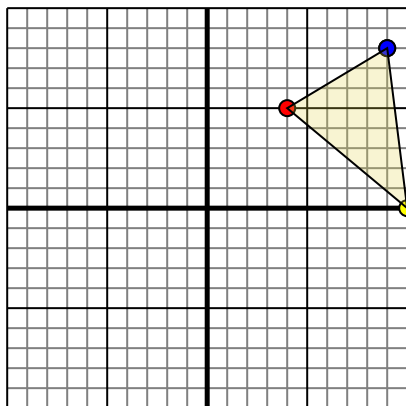


The shape above has the following coordinates:

- A. (4,-1)
- B. (10,-4)
- C. (8,-6)
- D. (3,-10)

Rotate the shape 180° counter-clockwise.

3)

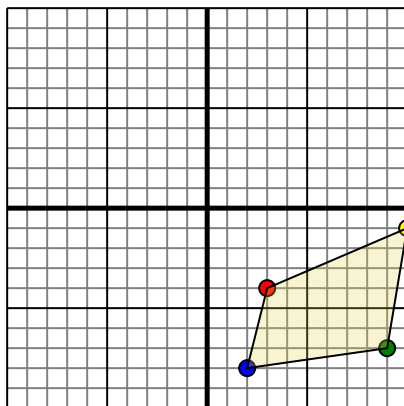


The shape above has the following coordinates:

- A. (4,5)
- B. (10,0)
- C. (9,8)

Rotate the shape 90° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (3,-4)
- B. (10,-1)
- C. (9,-7)
- D. (2,-8)

Rotate the shape 90° clockwise.

Answers

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

4c. \_\_\_\_\_

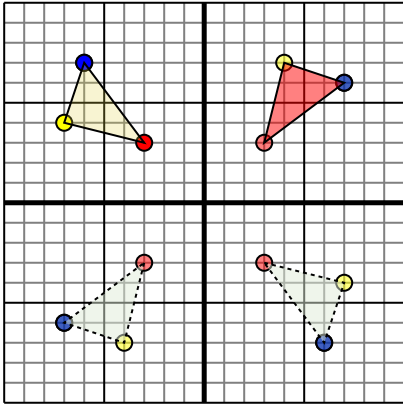
4d. \_\_\_\_\_

4e. **Graph**



Rotate each shape as described.

1)

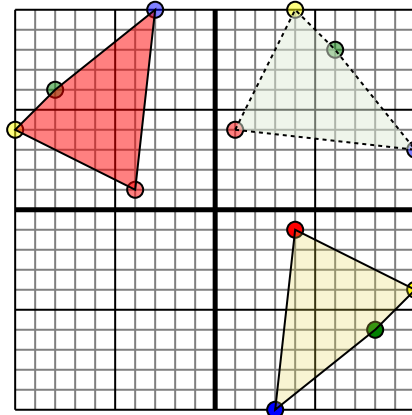


The shape above has the following coordinates:

- A. (-3,3)
- B. (-7,4)
- C. (-6,7)

Rotate the shape 270° counter-clockwise.

2)

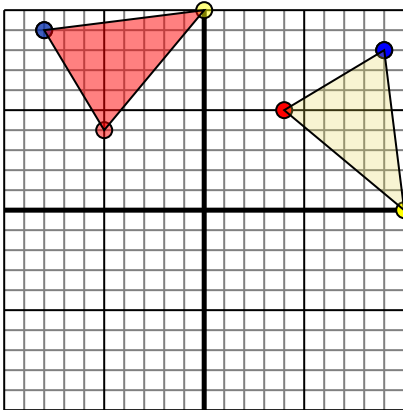


The shape above has the following coordinates:

- A. (4,-1)
- B. (10,-4)
- C. (8,-6)
- D. (3,-10)

Rotate the shape 180° counter-clockwise.

3)

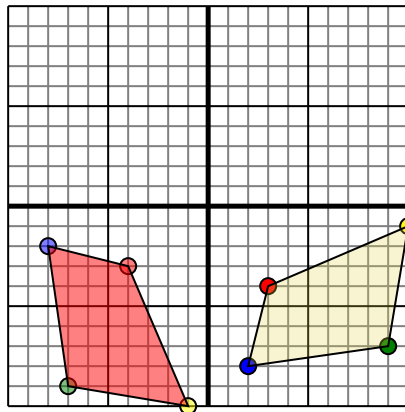


The shape above has the following coordinates:

- A. (4,5)
- B. (10,0)
- C. (9,8)

Rotate the shape 90° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (3,-4)
- B. (10,-1)
- C. (9,-7)
- D. (2,-8)

Rotate the shape 90° clockwise.

Answers

1a. **3,3**

1b. **4,7**

1c. **7,6**

1d. **Graph**

2a. **-4,1**

2b. **-10,4**

2c. **-8,6**

2d. **-3,10**

2e. **Graph**

3a. **-5,4**

3b. **0,10**

3c. **-8,9**

3d. **Graph**

4a. **-4,-3**

4b. **-1,-10**

4c. **-7,-9**

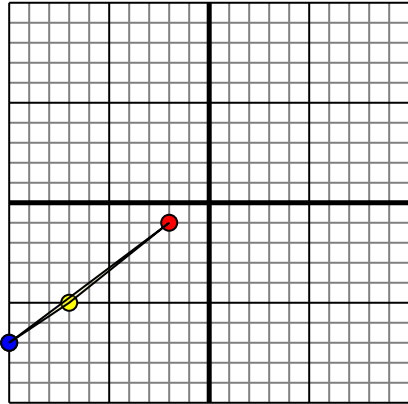
4d. **-8,-2**

4e. **Graph**



Rotate each shape as described.

1)

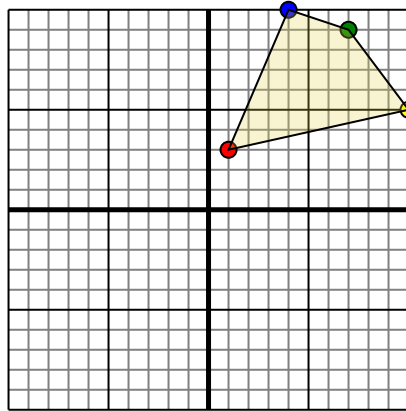


The shape above has the following coordinates:

- A. (-2,-1)
- B. (-7,-5)
- C. (-10,-7)

Rotate the shape 270° counter-clockwise.

2)

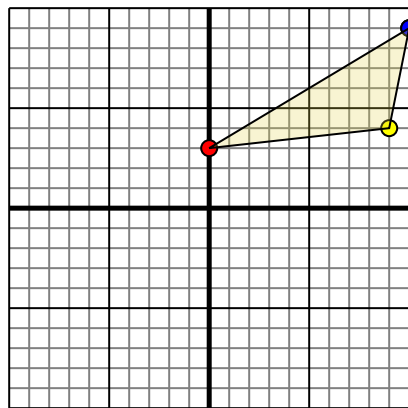


The shape above has the following coordinates:

- A. (1,3)
- B. (10,5)
- C. (7,9)
- D. (4,10)

Rotate the shape 90° clockwise.

3)

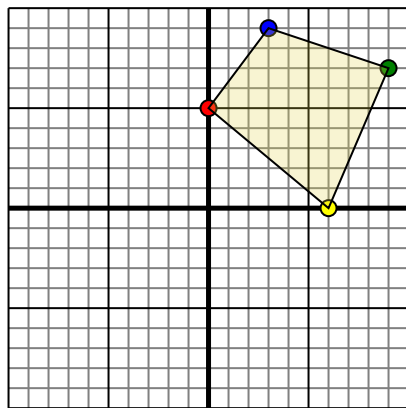


The shape above has the following coordinates:

- A. (0,3)
- B. (9,4)
- C. (10,9)

Rotate the shape 270° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (0,5)
- B. (6,0)
- C. (9,7)
- D. (3,9)

Rotate the shape 180° clockwise.

**Answers**

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. **Graph**

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. **Graph**

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. **Graph**

4a. \_\_\_\_\_

4b. \_\_\_\_\_

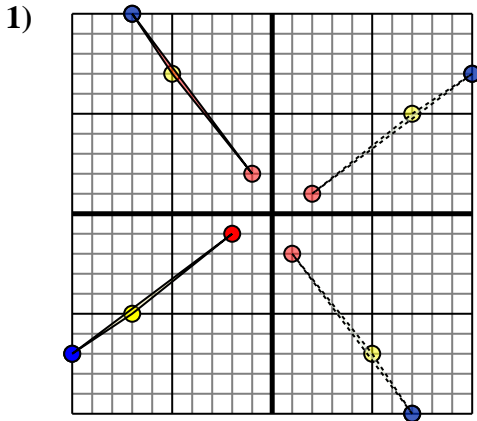
4c. \_\_\_\_\_

4d. \_\_\_\_\_

4e. **Graph**



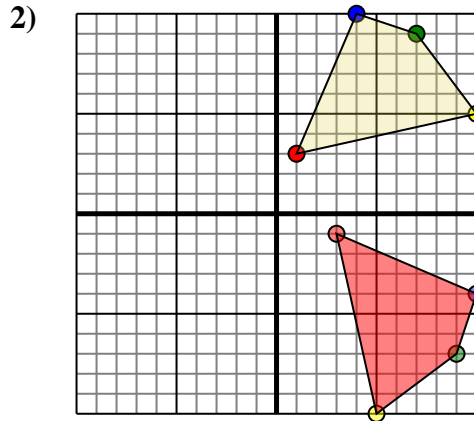
Rotate each shape as described.



The shape above has the following coordinates:

- A. (-2,-1)
- B. (-7,-5)
- C. (-10,-7)

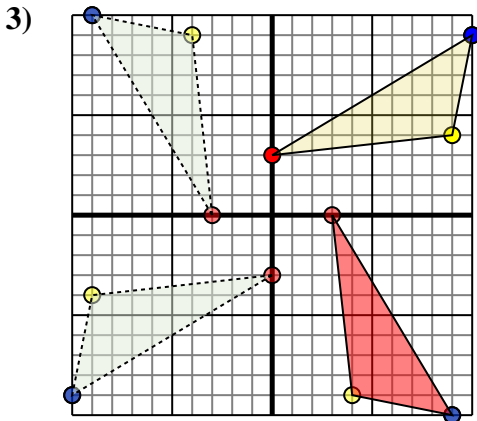
Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

- A. (1,3)
- B. (10,5)
- C. (7,9)
- D. (4,10)

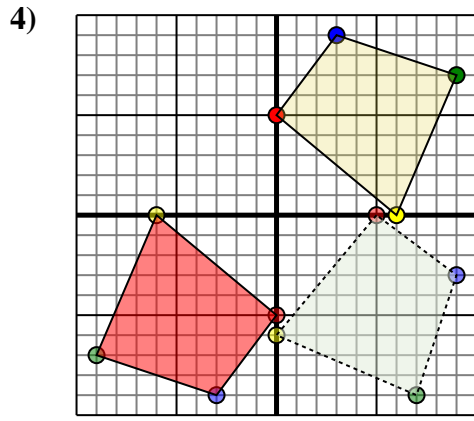
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (0,3)
- B. (9,4)
- C. (10,9)

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

- A. (0,5)
- B. (6,0)
- C. (9,7)
- D. (3,9)

Rotate the shape 180° clockwise.

Answers

1a. **-1,2**

1b. **-5,7**

1c. **-7,10**

1d. **Graph**

2a. **3,-1**

2b. **5,-10**

2c. **9,-7**

2d. **10,-4**

2e. **Graph**

3a. **3,-0**

3b. **4,-9**

3c. **9,-10**

3d. **Graph**

4a. **0,-5**

4b. **-6,-0**

4c. **-9,-7**

4d. **-3,-9**

4e. **Graph**