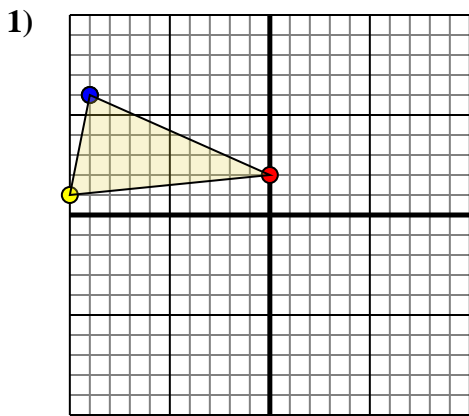




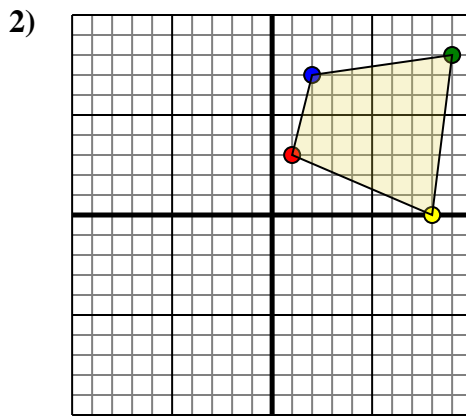
Rotate each shape as described.



The shape above has the following coordinates:

- A. (0,2)
- B. (-10,1)
- C. (-9,6)

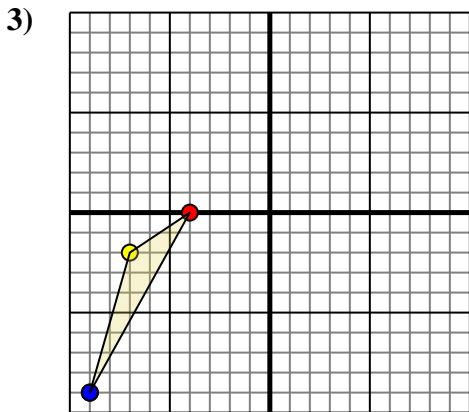
Rotate the shape  $270^\circ$  clockwise.



The shape above has the following coordinates:

- A. (1,3)
- B. (8,0)
- C. (9,8)
- D. (2,7)

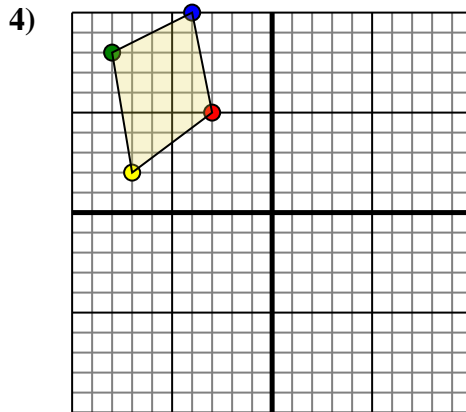
Rotate the shape  $90^\circ$  clockwise.



The shape above has the following coordinates:

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

Rotate the shape  $180^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (-3,5)
- B. (-7,2)
- C. (-8,8)
- D. (-4,10)

Rotate the shape  $90^\circ$  clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

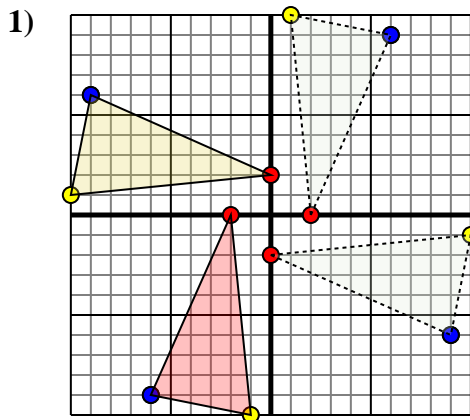
4c. \_\_\_\_\_

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

4. **Graph**



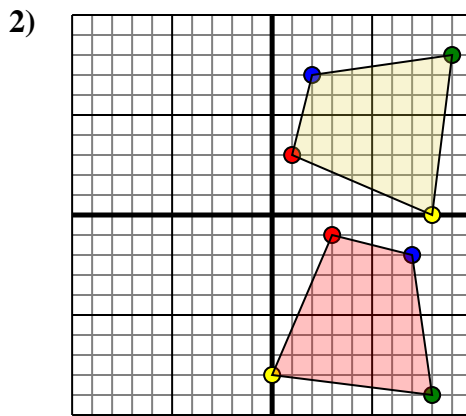
Rotate each shape as described.



The shape above has the following coordinates:

- A. (0,2)
- B. (-10,1)
- C. (-9,6)

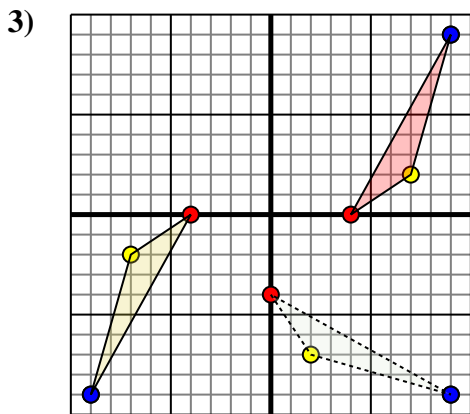
Rotate the shape 270° clockwise.



The shape above has the following coordinates:

- A. (1,3)
- B. (8,0)
- C. (9,8)
- D. (2,7)

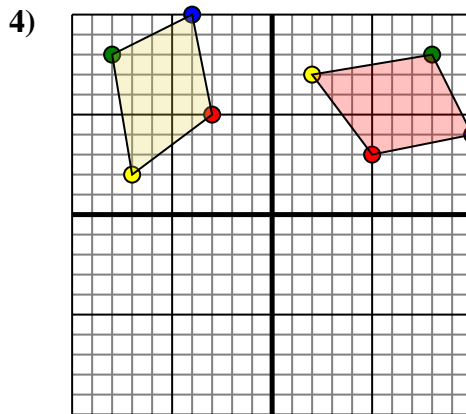
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

- A. (-3,5)
- B. (-7,2)
- C. (-8,8)
- D. (-4,10)

Rotate the shape 90° clockwise.

Answers

1a. **(-2,-0)**

1b. **(-1,-10)**

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

1. **Graph**

2a. **(3,-1)**

2b. **(0,-8)**

2c. **(8,-9)**

2d. **(7,-2)**

2. **Graph**

3a. **(4,-0)**

3b. **(7,2)**

3c. **(9,9)**

3. **Graph**

4a. **(5,3)**

4b. **(2,7)**

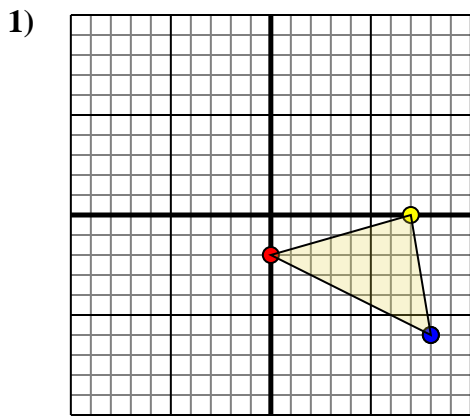
4c. **(8,8)**

4d. **(10,4)**

4. **Graph**



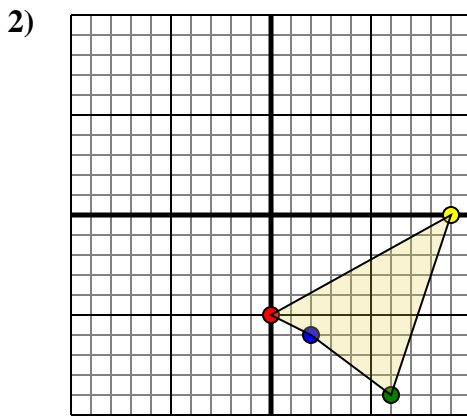
Rotate each shape as described.



The shape above has the following coordinates:

- A. (0,-2)
- B. (7,0)
- C. (8,-6)

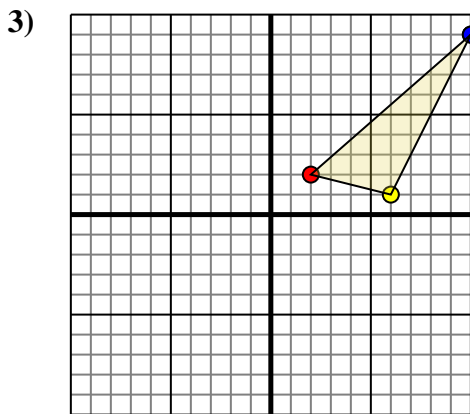
Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (0,-5)
- B. (9,0)
- C. (6,-9)
- D. (2,-6)

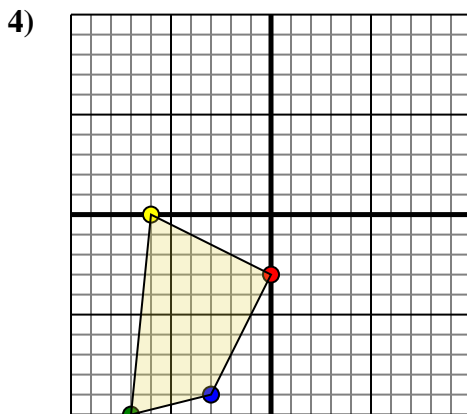
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (2,2)
- B. (6,1)
- C. (10,9)

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

- A. (0,-3)
- B. (-6,0)
- C. (-7,-10)
- D. (-3,-9)

Rotate the shape 270° clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

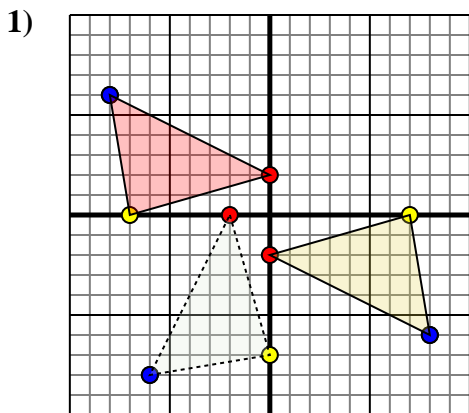
4c. \_\_\_\_\_

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

4. **Graph**



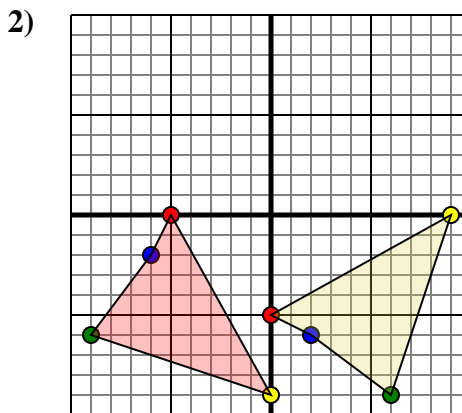
Rotate each shape as described.



The shape above has the following coordinates:

- A. (0,-2)
- B. (7,0)
- C. (8,-6)

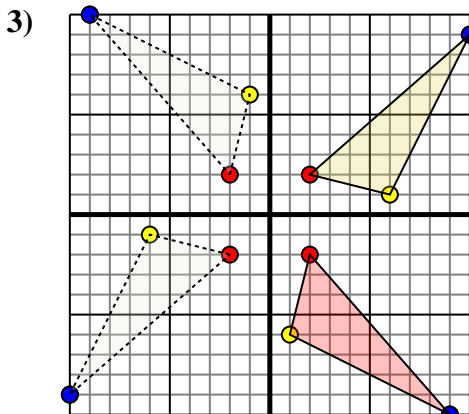
Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (0,-5)
- B. (9,0)
- C. (6,-9)
- D. (2,-6)

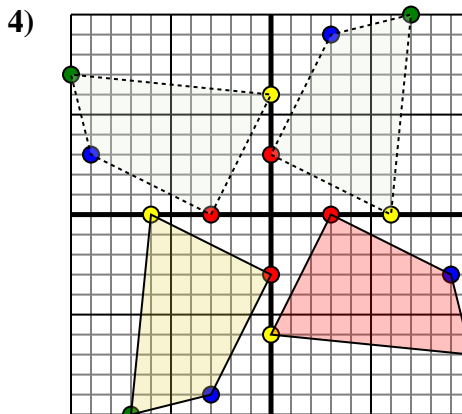
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (2,2)
- B. (6,1)
- C. (10,9)

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

- A. (0,-3)
- B. (-6,0)
- C. (-7,-10)
- D. (-3,-9)

Rotate the shape 270° clockwise.

**Answers**

1a. **(-0,2)**

1b. **(-7,-0)**

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

1. **Graph**

2a. **(-5,-0)**

2b. **(0,-9)**

2c. **(-9,-6)**

2d. **(-6,-2)**

2. **Graph**

3a. **(2,-2)**

3b. **(1,-6)**

3c. **(9,-10)**

3. **Graph**

4a. **(3,0)**

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

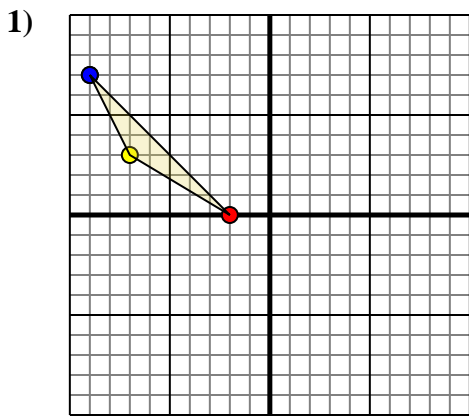
4c. **(10,-7)**

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

4. **Graph**



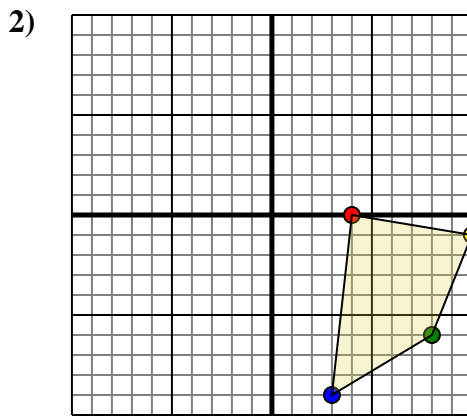
Rotate each shape as described.



The shape above has the following coordinates:

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

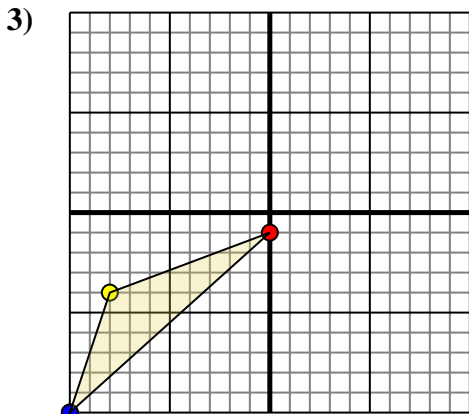
Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (4,0)
- B. (10,-1)
- C. (8,-6)
- D. (3,-9)

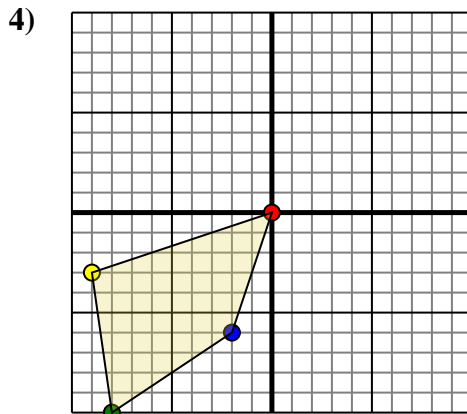
Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape  $90^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (0,0)
- B. (-9,-3)
- C. (-8,-10)
- D. (-2,-6)

Rotate the shape  $90^\circ$  clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

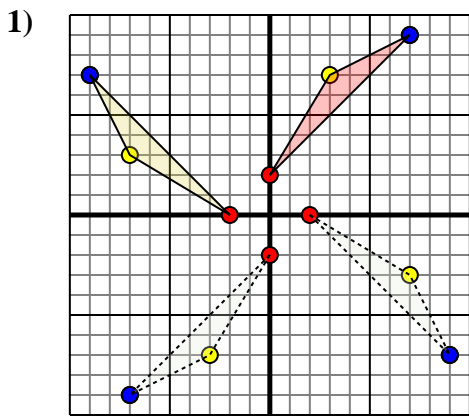
4c. \_\_\_\_\_

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

4. **Graph**



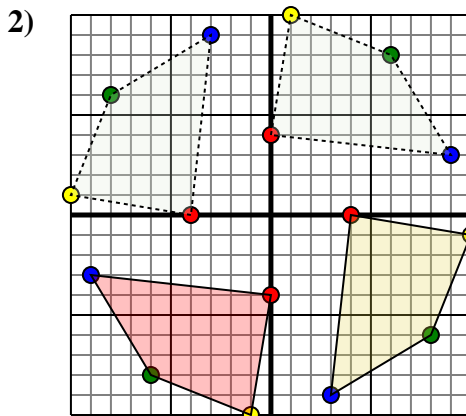
Rotate each shape as described.



The shape above has the following coordinates:

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

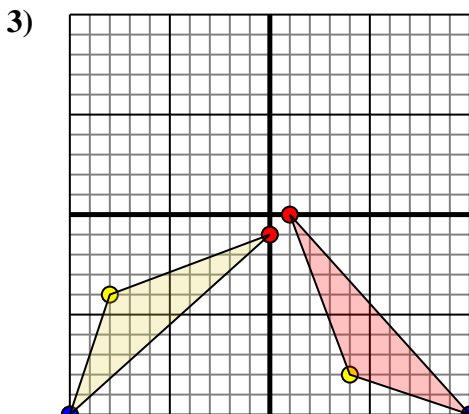
Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (4,0)
- B. (10,-1)
- C. (8,-6)
- D. (3,-9)

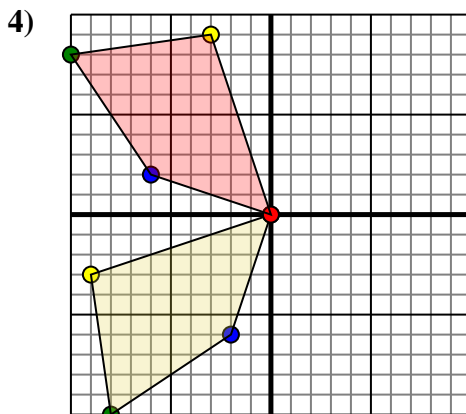
Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape  $90^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (0,0)
- B. (-9,-3)
- C. (-8,-10)
- D. (-2,-6)

Rotate the shape  $90^\circ$  clockwise.

**Answers**

1a. (0,2)

1b. (3,7)

1c. (7,9)

1. Graph

2a. (-0,-4)

2b. (-1,-10)

2c. (-6,-8)

2d. (-9,-3)

2. Graph

3a. (1,-0)

3b. (4,-8)

3c. (10,-10)

3. Graph

4a. (0,0)

4b. (-3,9)

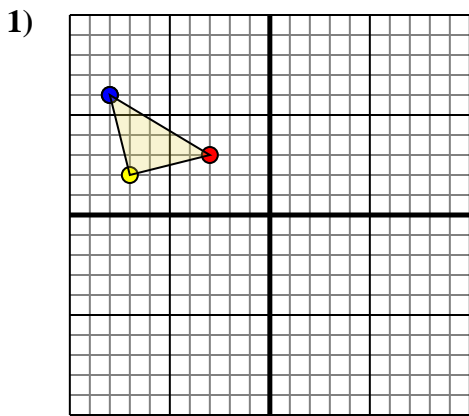
4c. (-10,8)

4d. (-6,2)

4. Graph



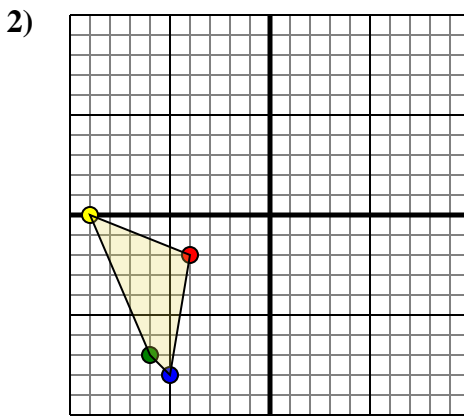
Rotate each shape as described.



The shape above has the following coordinates:

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

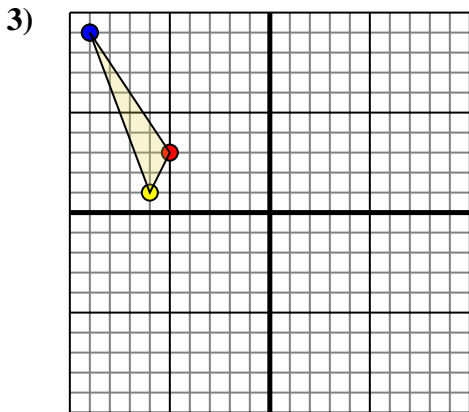
Rotate the shape  $270^\circ$  clockwise.



The shape above has the following coordinates:

- A. (-4,-2)
- B. (-9,0)
- C. (-6,-7)
- D. (-5,-8)

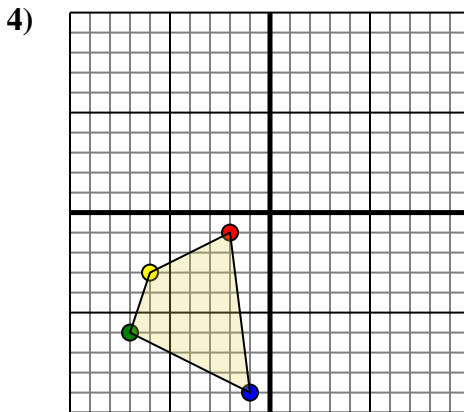
Rotate the shape  $90^\circ$  counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape  $270^\circ$  clockwise.



The shape above has the following coordinates:

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

Rotate the shape  $270^\circ$  clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

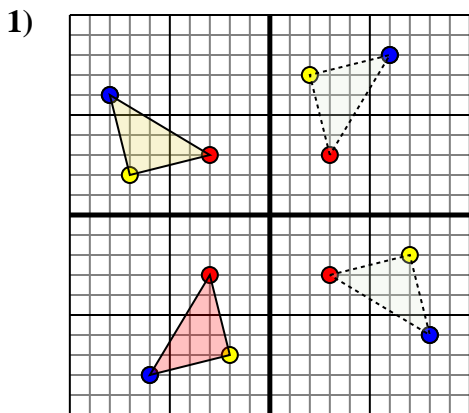
4c. \_\_\_\_\_

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

4. **Graph**



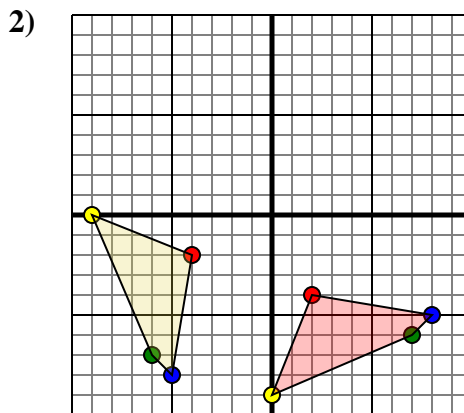
Rotate each shape as described.



The shape above has the following coordinates:

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

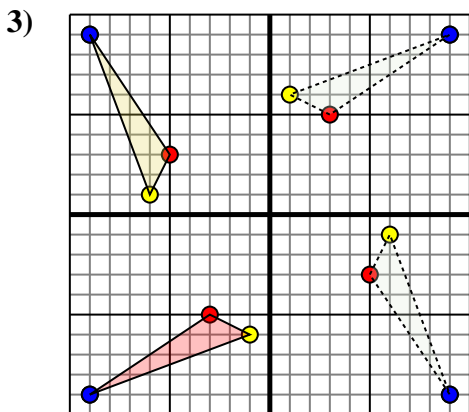
Rotate the shape 270° clockwise.



The shape above has the following coordinates:

- A. (-4,-2)
- B. (-9,0)
- C. (-6,-7)
- D. (-5,-8)

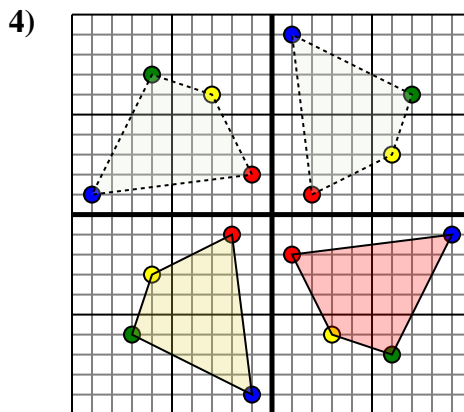
Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

**Answers**

1a. **(-3,-3)**

1b. **(-2,-7)**

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

1. **Graph**

2a. **(2,-4)**

2b. **(-0,-9)**

2c. **(7,-6)**

2d. **(8,-5)**

2. **Graph**

3a. **(-3,-5)**

3b. **(-1,-6)**

3c. **(-9,-9)**

3. **Graph**

4a. **(1,-2)**

4b. **(3,-6)**

4c. **(6,-7)**

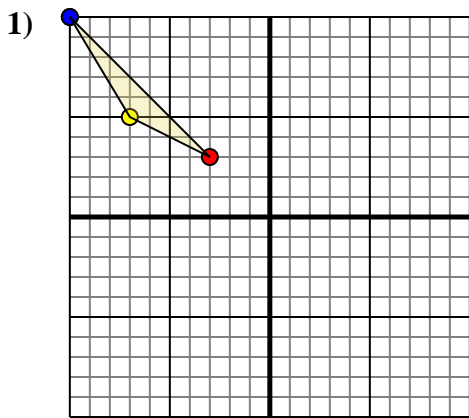
4d. **(9,-1)**

4. **Graph**





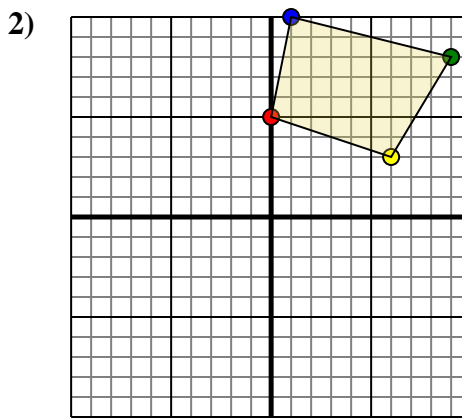
Rotate each shape as described.



The shape above has the following coordinates:

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

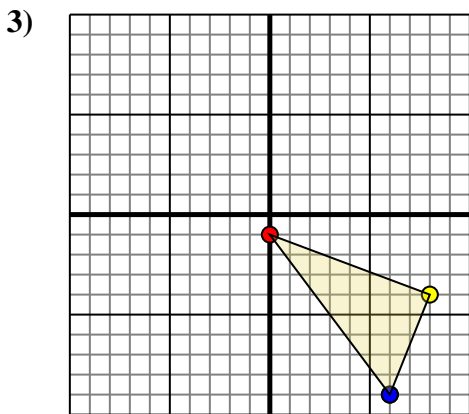
Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (0,5)
- B. (6,3)
- C. (9,8)
- D. (1,10)

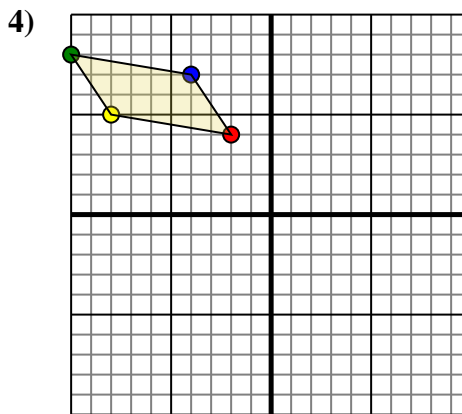
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (0,-1)
- B. (8,-4)
- C. (6,-9)

Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

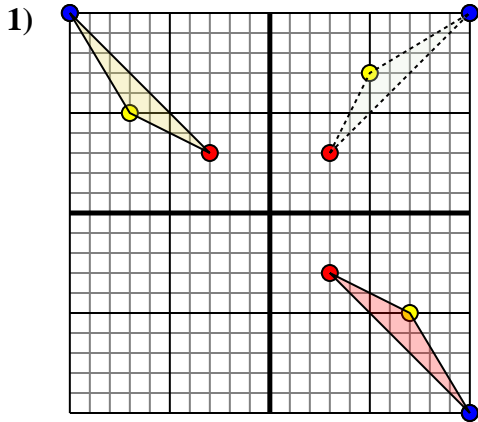
4c. \_\_\_\_\_

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

4. **Graph**



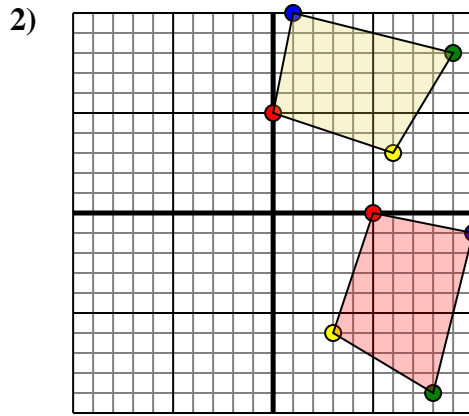
Rotate each shape as described.



The shape above has the following coordinates:

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

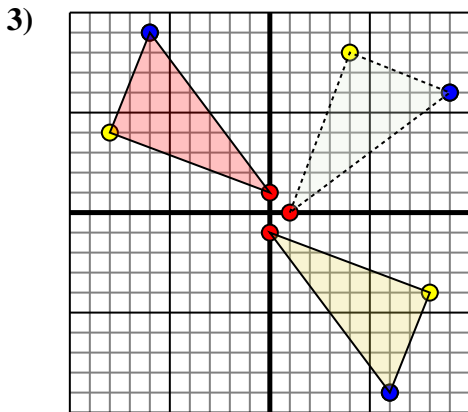
Rotate the shape 180° clockwise.



The shape above has the following coordinates:

- A. (0,5)
- B. (6,3)
- C. (9,8)
- D. (1,10)

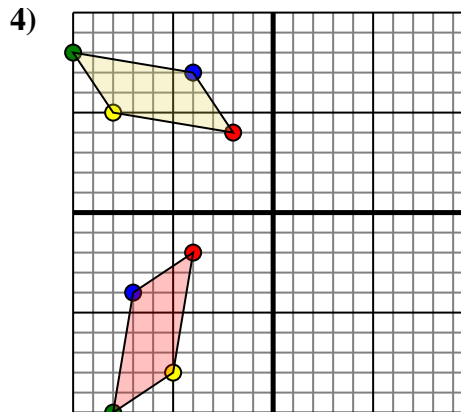
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

- A. (0,-1)
- B. (8,-4)
- C. (6,-9)

Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.

Answers

1a. (3,-3)

1b. (7,-5)

1c. (10,-10)

1. Graph

2a. (5,0)

2b. (3,-6)

2c. (8,-9)

2d. (10,-1)

2. Graph

3a. (0,1)

3b. (-8,4)

3c. (-6,9)

3. Graph

4a. (-4,-2)

4b. (-5,-8)

4c. (-8,-10)

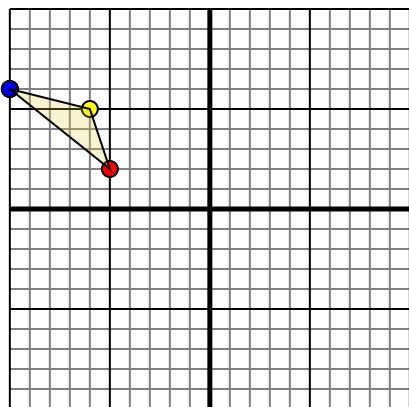
4d. (-7,-4)

4. Graph



Rotate each shape as described.

1)

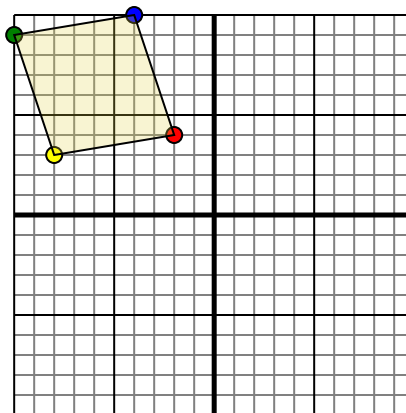


The shape above has the following coordinates:

- A. (-5,2)
- B. (-6,5)
- C. (-10,6)

Rotate the shape 270° clockwise.

2)

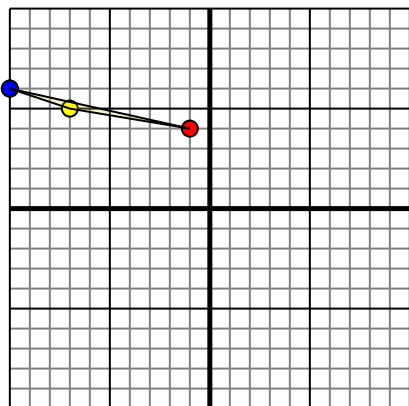


The shape above has the following coordinates:

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

Rotate the shape 90° clockwise.

3)

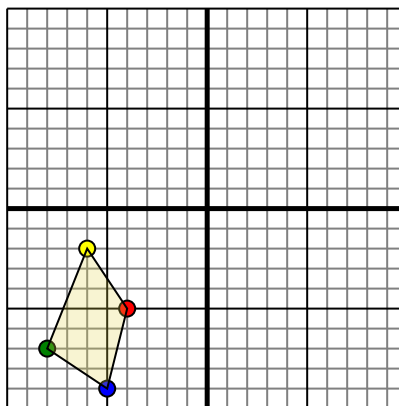


The shape above has the following coordinates:

- A. (-1,4)
- B. (-7,5)
- C. (-10,6)

Rotate the shape 90° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (-4,-5)
- B. (-6,-2)
- C. (-8,-7)
- D. (-5,-9)

Rotate the shape 180° counter-clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

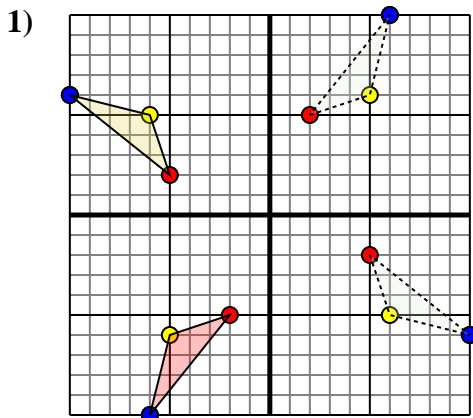
4c. \_\_\_\_\_

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

4. **Graph**



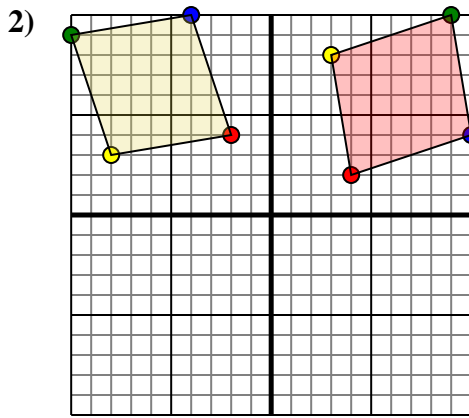
Rotate each shape as described.



The shape above has the following coordinates:

- A. (-5,2)
- B. (-6,5)
- C. (-10,6)

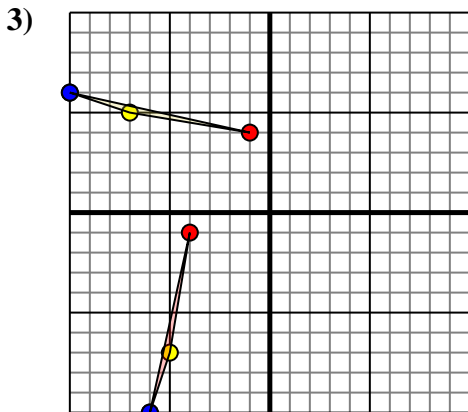
Rotate the shape  $270^\circ$  clockwise.



The shape above has the following coordinates:

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

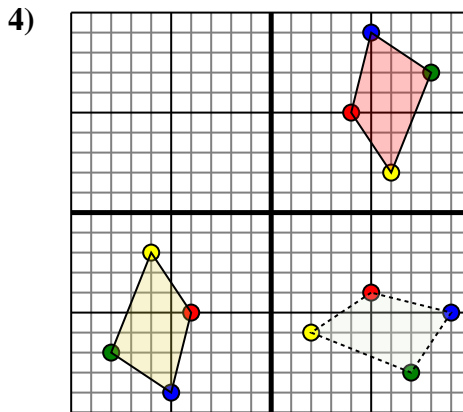
Rotate the shape  $90^\circ$  clockwise.



The shape above has the following coordinates:

- A. (-1,4)
- B. (-7,5)
- C. (-10,6)

Rotate the shape  $90^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (-4,-5)
- B. (-6,-2)
- C. (-8,-7)
- D. (-5,-9)

Rotate the shape  $180^\circ$  counter-clockwise.

**Answers**

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

1b. **(-5,-6)**

1c. **(-6,-10)**

1. **Graph**

2a. **(4,2)**

2b. **(3,8)**

2c. **(9,10)**

2d. **(10,4)**

2. **Graph**

3a. **(-4,-1)**

3b. **(-5,-7)**

3c. **(-6,-10)**

3. **Graph**

4a. **(4,5)**

4b. **(6,2)**

4c. **(8,7)**

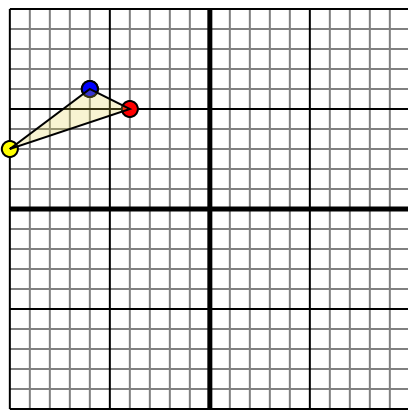
4d. **(5,9)**

4. **Graph**



Rotate each shape as described.

1)

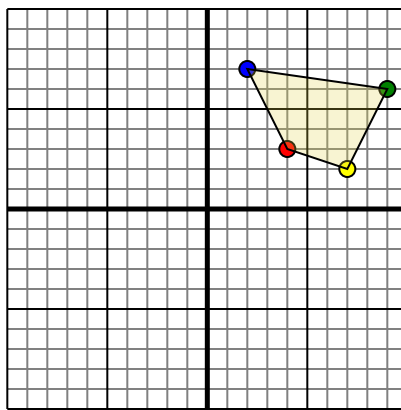


The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

2)

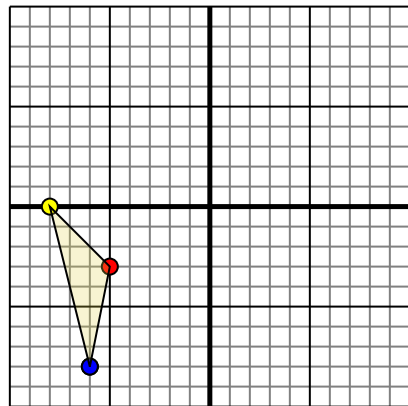


The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

3)

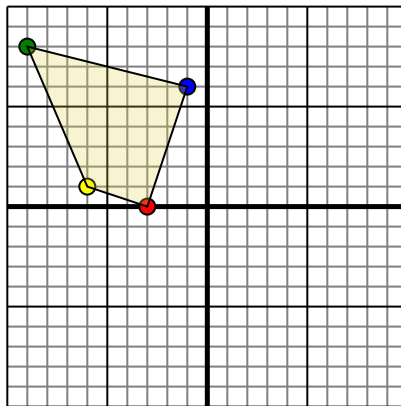


The shape above has the following coordinates:

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

Rotate the shape 270° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (-3,0)
- B. (-6,1)
- C. (-9,8)
- D. (-1,6)

Rotate the shape 90° clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

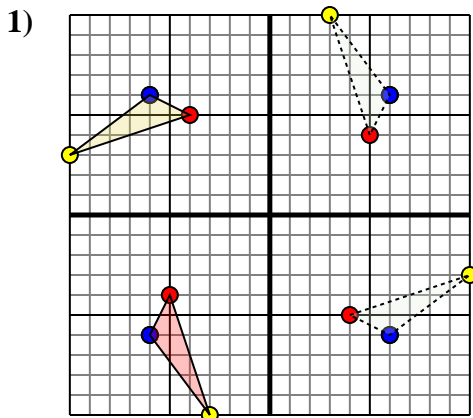
4c. \_\_\_\_\_

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

4. **Graph**



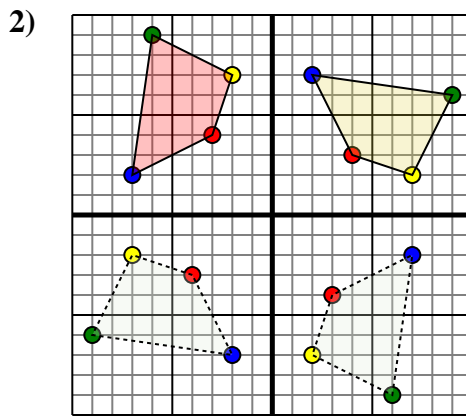
Rotate each shape as described.



The shape above has the following coordinates:

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

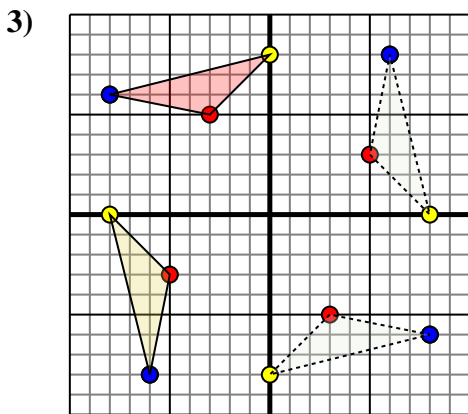
Rotate the shape  $270^\circ$  clockwise.



The shape above has the following coordinates:

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

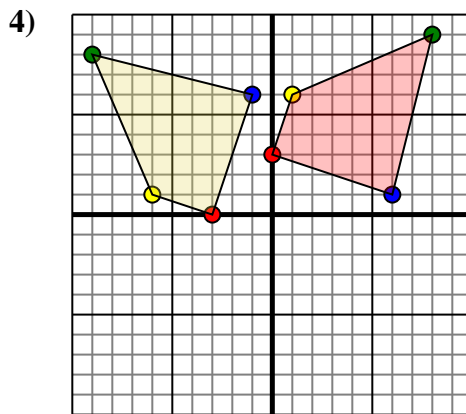
Rotate the shape  $270^\circ$  clockwise.



The shape above has the following coordinates:

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

Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (-3,0)
- B. (-6,1)
- C. (-9,8)
- D. (-1,6)

Rotate the shape  $90^\circ$  clockwise.

Answers

1a. **(-5,-4)**

1b. **(-3,-10)**

1c. **(-6,-6)**

1. **Graph**

2a. **(-3,4)**

2b. **(-2,7)**

2c. **(-6,9)**

2d. **(-7,2)**

2. **Graph**

3a. **(-3,5)**

3b. **(0,8)**

3c. **(-8,6)**

3. **Graph**

4a. **(-0,3)**

4b. **(1,6)**

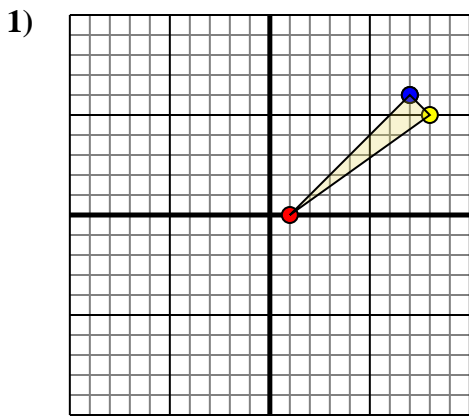
4c. **(8,9)**

4d. **(6,1)**

4. **Graph**



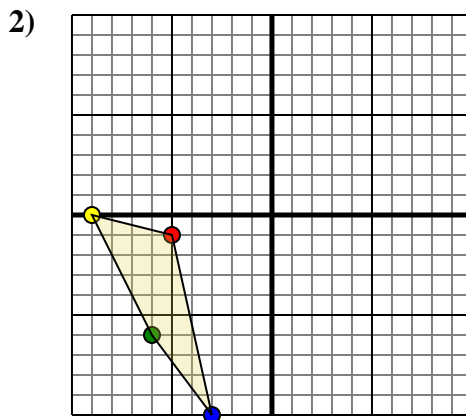
Rotate each shape as described.



The shape above has the following coordinates:

- A. (1,0)
- B. (8,5)
- C. (7,6)

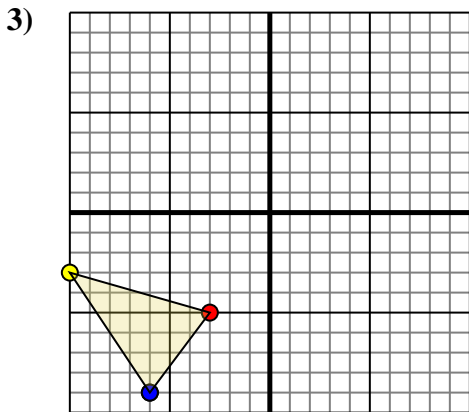
Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

- A. (-5,-1)
- B. (-9,0)
- C. (-6,-6)
- D. (-3,-10)

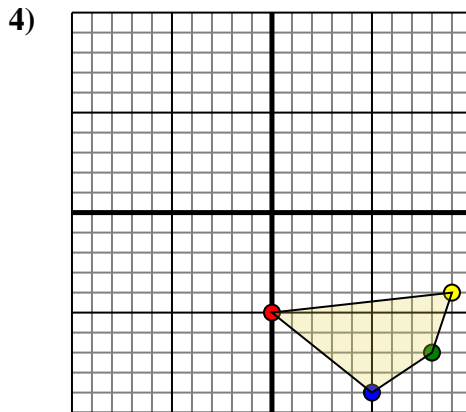
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

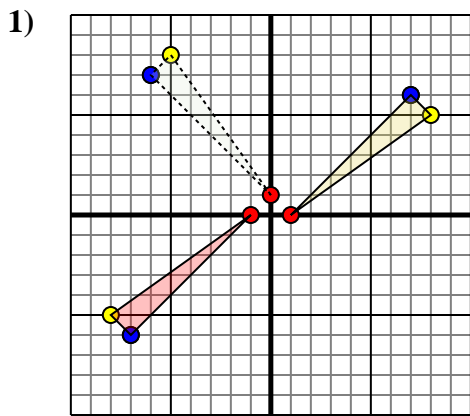
4c. \_\_\_\_\_

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

4. **Graph**



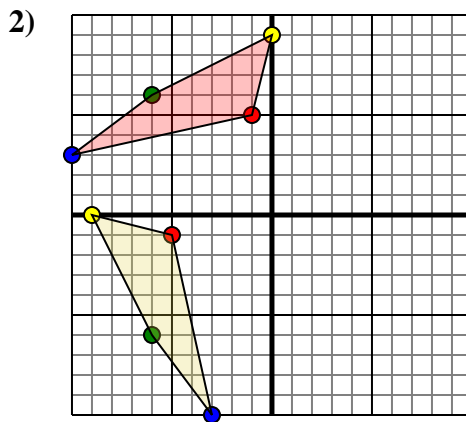
Rotate each shape as described.



The shape above has the following coordinates:

- A. (1,0)
- B. (8,5)
- C. (7,6)

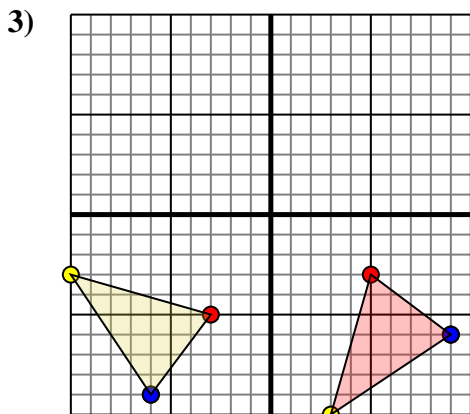
Rotate the shape 180° counter-clockwise.



The shape above has the following coordinates:

- A. (-5,-1)
- B. (-9,0)
- C. (-6,-6)
- D. (-3,-10)

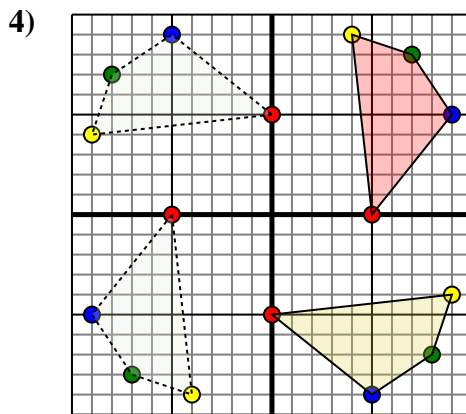
Rotate the shape 90° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

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

Rotate the shape 270° clockwise.

Answers

1a. **(-1,0)**

1b. **(-8,-5)**

1c. **(-7,-6)**

1. **Graph**

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

2b. **(-0,9)**

2c. **(-6,6)**

2d. **(-10,3)**

2. **Graph**

3a. **(5,-3)**

3b. **(3,-10)**

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

3. **Graph**

4a. **(5,0)**

4b. **(4,9)**

4c. **(7,8)**

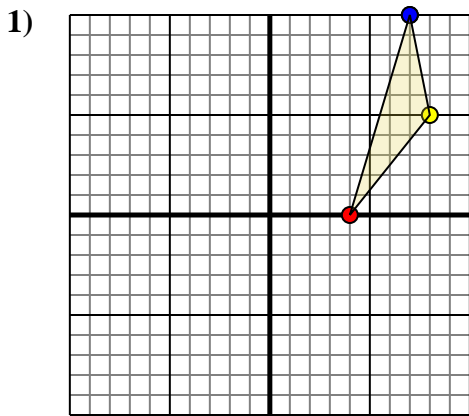
4d. **(9,5)**

4. **Graph**





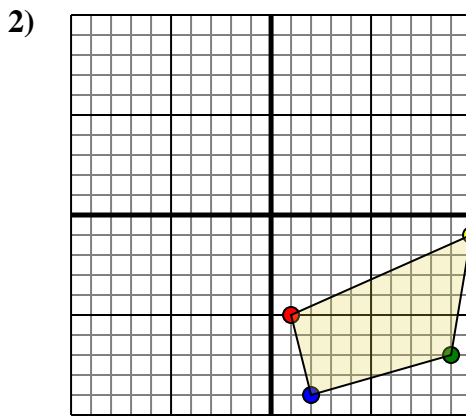
Rotate each shape as described.



The shape above has the following coordinates:

- A. (4,0)
- B. (8,5)
- C. (7,10)

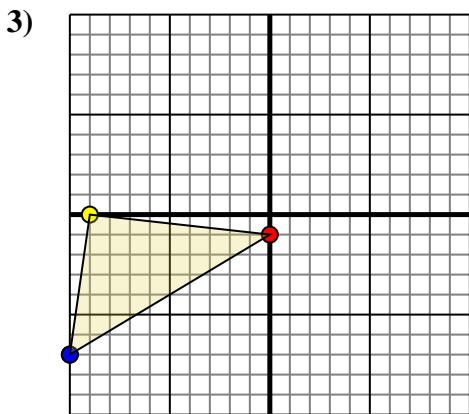
Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

- A. (1,-5)
- B. (10,-1)
- C. (9,-7)
- D. (2,-9)

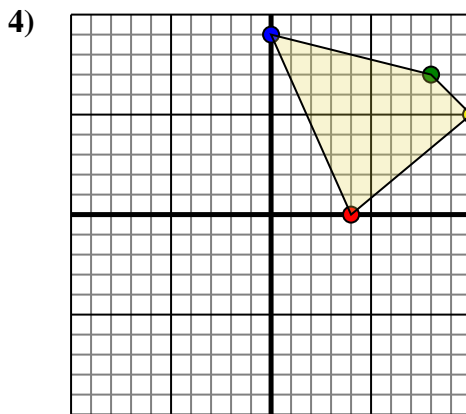
Rotate the shape 270° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

- A. (4,0)
- B. (10,5)
- C. (8,7)
- D. (0,9)

Rotate the shape 90° counter-clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

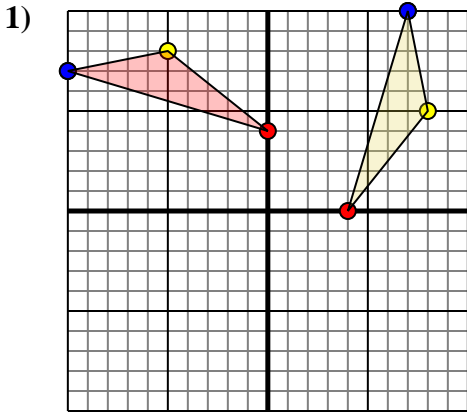
4c. \_\_\_\_\_

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

4. **Graph**



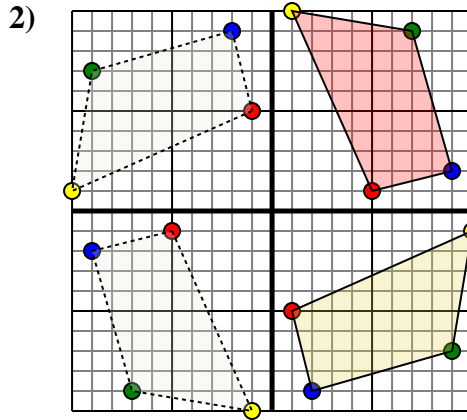
Rotate each shape as described.



The shape above has the following coordinates:

- A. (4,0)
- B. (8,5)
- C. (7,10)

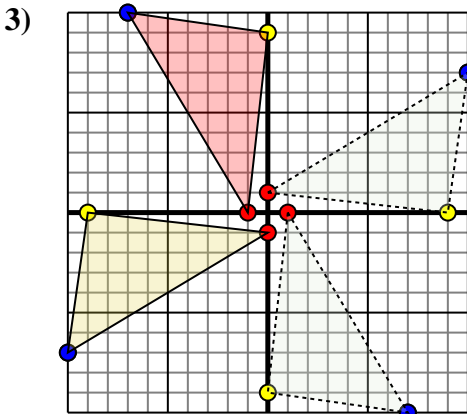
Rotate the shape 90° counter-clockwise.



The shape above has the following coordinates:

- A. (1,-5)
- B. (10,-1)
- C. (9,-7)
- D. (2,-9)

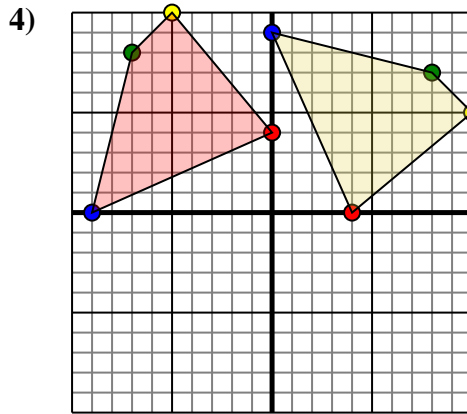
Rotate the shape 270° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

- A. (4,0)
- B. (10,5)
- C. (8,7)
- D. (0,9)

Rotate the shape 90° counter-clockwise.

Answers

1a. **(0,4)**

1b. **(-5,8)**

1c. **(-10,7)**

1. **Graph**

2a. **(5,1)**

2b. **(1,10)**

2c. **(7,9)**

2d. **(9,2)**

2. **Graph**

3a. **(-1,0)**

3b. **(0,9)**

3c. **(-7,10)**

3. **Graph**

4a. **(0,4)**

4b. **(-5,10)**

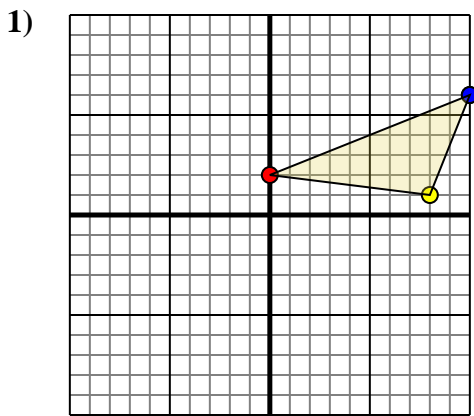
4c. **(-7,8)**

4d. **(-9,0)**

4. **Graph**



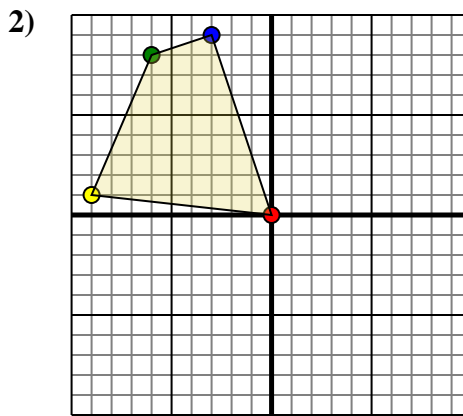
Rotate each shape as described.



The shape above has the following coordinates:

- A. (0,2)
- B. (8,1)
- C. (10,6)

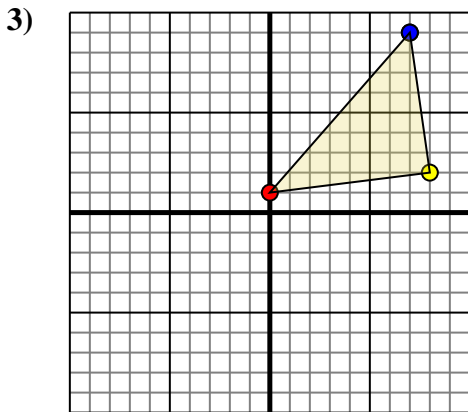
Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (0,0)
- B. (-9,1)
- C. (-6,8)
- D. (-3,9)

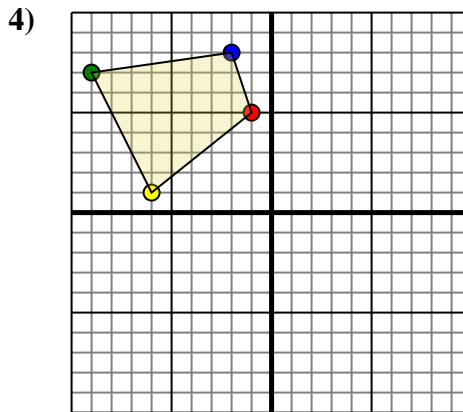
Rotate the shape  $90^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (0,1)
- B. (8,2)
- C. (7,9)

Rotate the shape  $180^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (-1,5)
- B. (-6,1)
- C. (-9,7)
- D. (-2,8)

Rotate the shape  $180^\circ$  counter-clockwise.

**Answers**

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

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

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

1. **Graph**

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

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

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

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

2. **Graph**

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

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

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

3. **Graph**

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

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

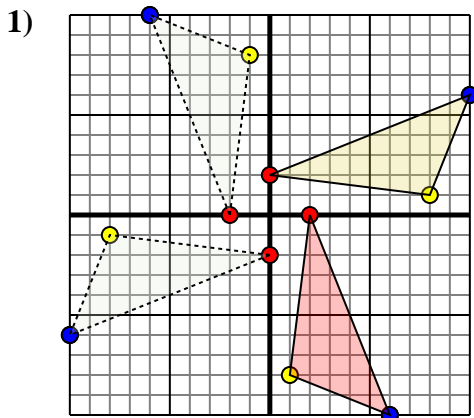
4c. \_\_\_\_\_

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

4. **Graph**



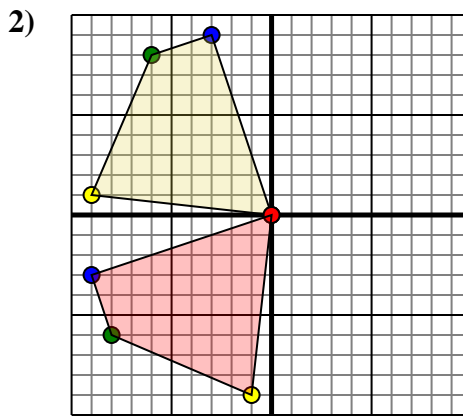
Rotate each shape as described.



The shape above has the following coordinates:

- A. (0,2)
- B. (8,1)
- C. (10,6)

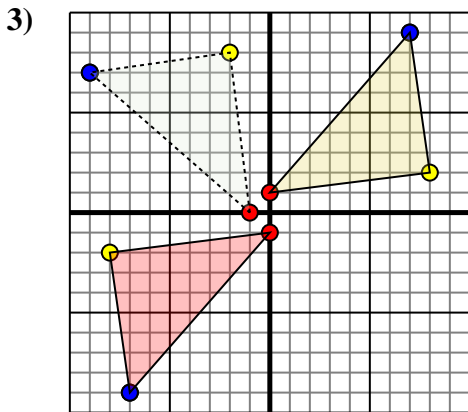
Rotate the shape  $270^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (0,0)
- B. (-9,1)
- C. (-6,8)
- D. (-3,9)

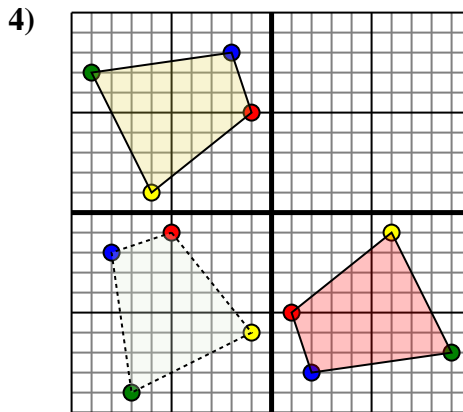
Rotate the shape  $90^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (0,1)
- B. (8,2)
- C. (7,9)

Rotate the shape  $180^\circ$  counter-clockwise.



The shape above has the following coordinates:

- A. (-1,5)
- B. (-6,1)
- C. (-9,7)
- D. (-2,8)

Rotate the shape  $180^\circ$  counter-clockwise.

Answers

1a. **(2,-0)**

1b. **(1,-8)**

1c. **(6,-10)**

1. **Graph**

2a. **(0,0)**

2b. **(-1,-9)**

2c. **(-8,-6)**

2d. **(-9,-3)**

2. **Graph**

3a. **(-0,-1)**

3b. **(-8,-2)**

3c. **(-7,-9)**

3. **Graph**

4a. **(1,-5)**

4b. **(6,-1)**

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

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

4. **Graph**