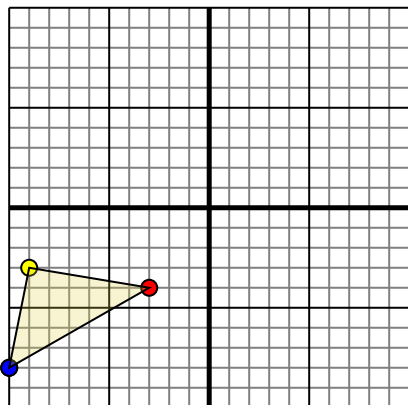




Rotate each shape as described.

1)

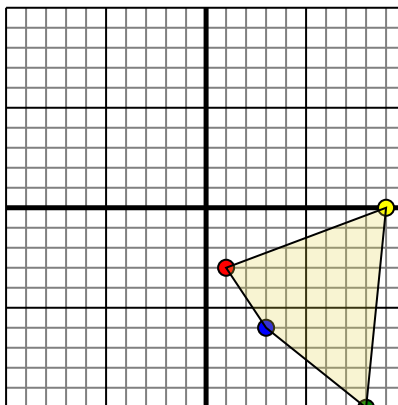


The shape above has the following coordinates:

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

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

2)

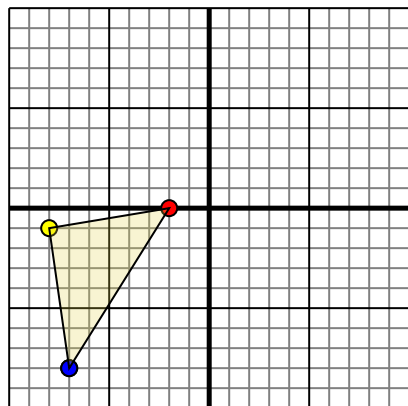


The shape above has the following coordinates:

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

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

3)

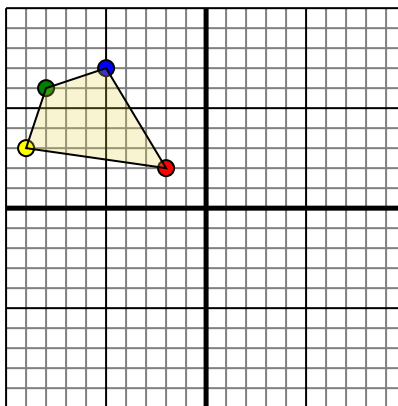


The shape above has the following coordinates:

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

Rotate the shape  $270^\circ$  clockwise.

4)



The shape above has the following coordinates:

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

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

Answers

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

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

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

1d. **Graph**

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

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

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

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

2e. **Graph**

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

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

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

3d. **Graph**

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

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

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

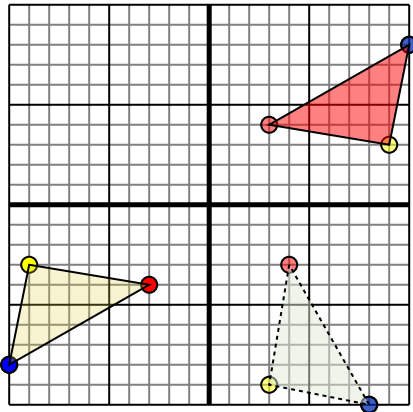
4d. \_\_\_\_\_

4e. **Graph**



Rotate each shape as described.

1)

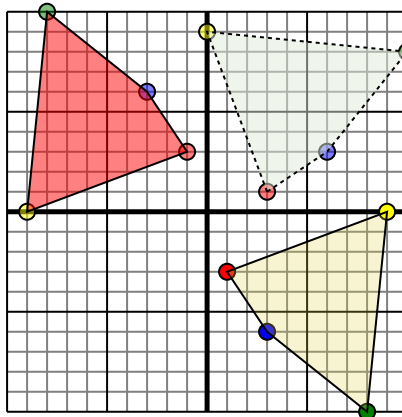


The shape above has the following coordinates:

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

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

2)

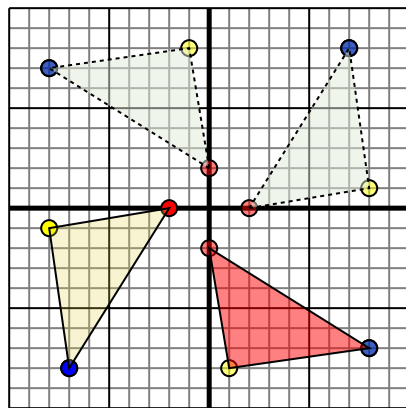


The shape above has the following coordinates:

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

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

3)

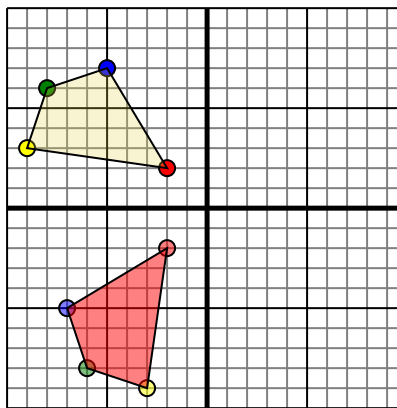


The shape above has the following coordinates:

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

Rotate the shape  $270^\circ$  clockwise.

4)



The shape above has the following coordinates:

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

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

**Answers**1a. **3,4**1b. **9,3**1c. **10,8**1d. **Graph**2a. **-1,3**2b. **-9,0**2c. **-8,10**2d. **-3,6**2e. **Graph**3a. **0,-2**3b. **1,-8**3c. **8,-7**3d. **Graph**4a. **-2,-2**4b. **-3,-9**4c. **-6,-8**4d. **-7,-5**4e. **Graph**