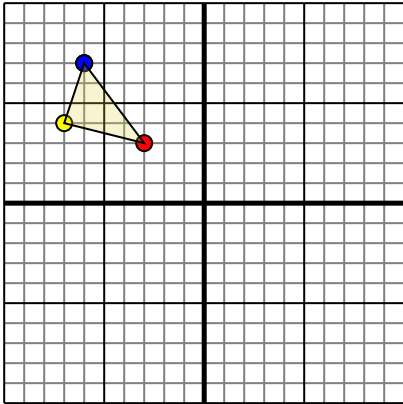




Rotate each shape as described.

1)

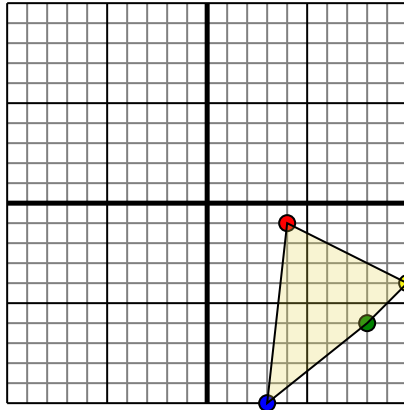


The shape above has the following coordinates:

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

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

2)

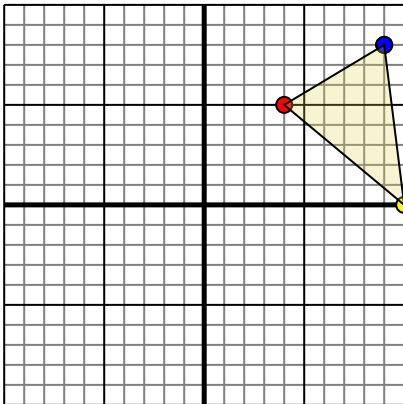


The shape above has the following coordinates:

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

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

3)

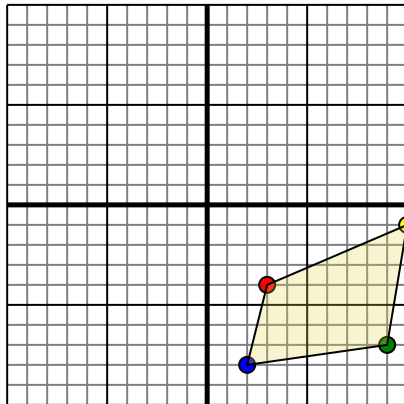


The shape above has the following coordinates:

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

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

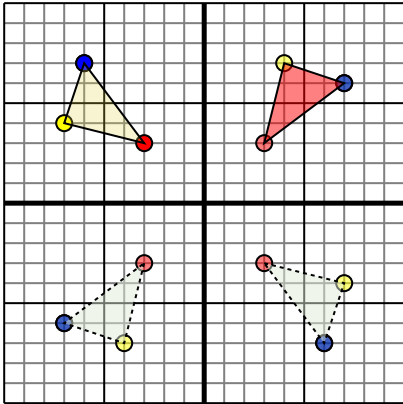
**Answers**

1. \_\_\_\_\_ [Graph](#)
2. \_\_\_\_\_ [Graph](#)
3. \_\_\_\_\_ [Graph](#)
4. \_\_\_\_\_ [Graph](#)



Rotate each shape as described.

1)

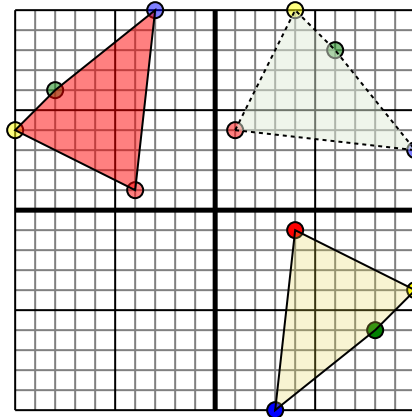


The shape above has the following coordinates:

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

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

2)

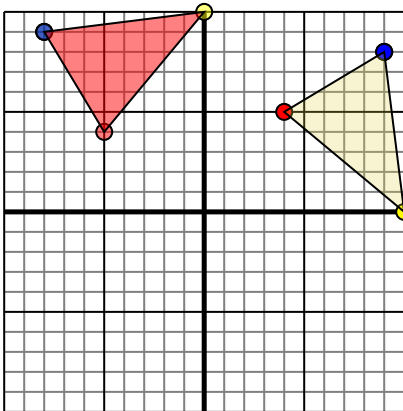


The shape above has the following coordinates:

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

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

3)

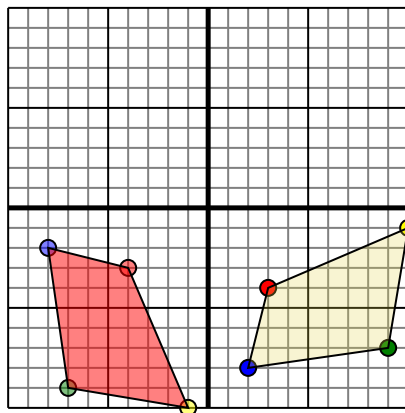


The shape above has the following coordinates:

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

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

**Answers**

1. **3,3 4,7 7,6** [Graph](#)
2. **-4,1 -10,4 -8,6 -3,10** [Graph](#)
3. **-5,4 0,10 -8,9** [Graph](#)
4. **-4,-3 -1,-10 -7,-9 -8,-2** [Graph](#)