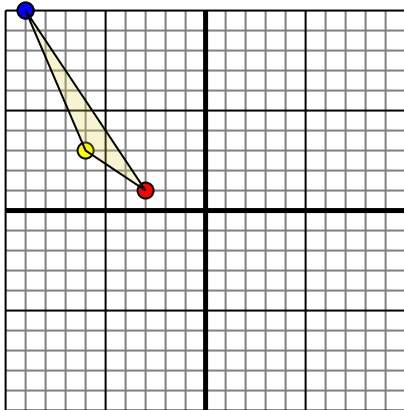# Rotating on a Coordinate Plane

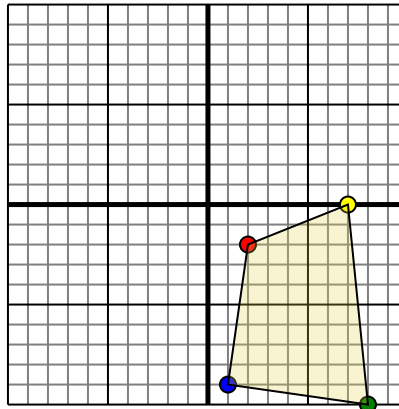Name:

Rotate each shape as described.

1)

The shape above has the following coordinates:
A. (-3,1)
B. (-6,3)
C. (-9,10)
Rotate the shape 90° clockwise.

2)
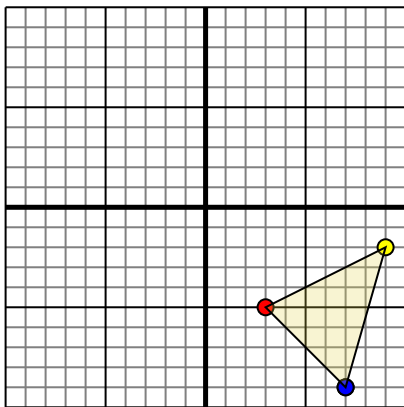
The shape above has the following coordinates:
A. (2,-2)
B. (7,0)
C. (8,-10)
D. (1,-9)
Rotate the shape 90° clockwise.

3)
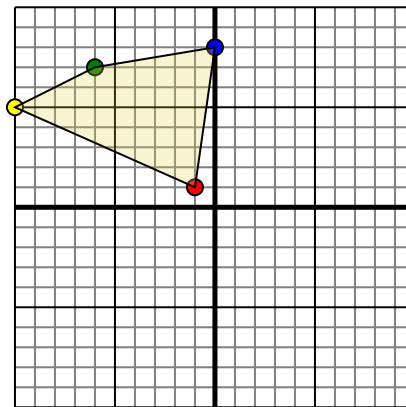
The shape above has the following coordinates:
A. (3,-5)
B. (9,-2)
C. (7,-9)
Rotate the shape 180° counter-clockwise.
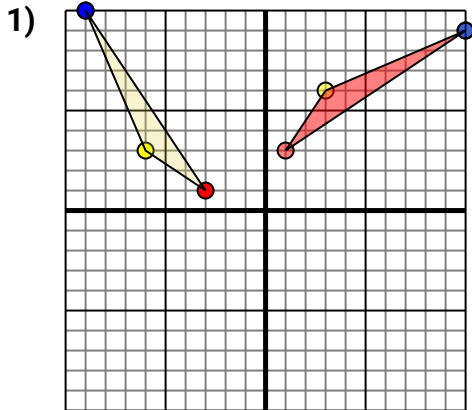
4)

The shape above has the following coordinates:
A. (-1,1)
B. (-10,5)
C. (-6,7)
D. (0,8)
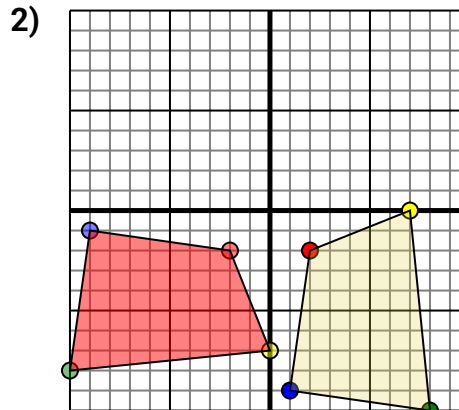Rotate the shape 90° counter-clockwise.

Name:

Rotate each shape as described.

1)

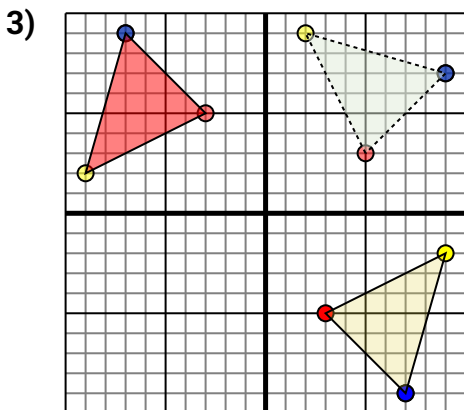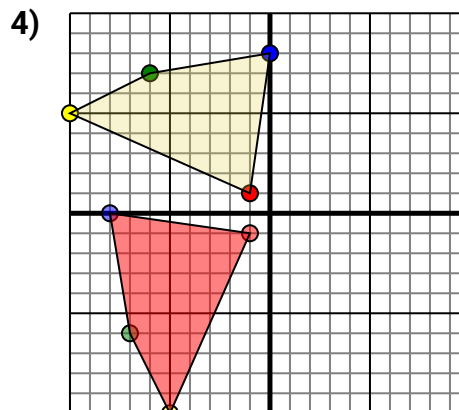The shape above has the following coordinates:
A. (-3,1)
B. (-6,3)
C. (-9,10)
Rotate the shape 90° clockwise.

2)

The shape above has the following coordinates:
A. (2,-2)
B. (7,0)
C. (8,-10)
D. (1,-9)
Rotate the shape 90° clockwise.

1. **1,3**   **3,6**   _10,9_   _Graph_

2. _-2,-2_   _0,-7_   _-10,-8_   _-9,-1_   _Graph_

3. **-3,5**   **-9,2**   **-7,9**   _Graph_

4. _-1,-1_   _-5,-10_   _-7,-6_   **-8,0**   _Graph_

3)

The shape above has the following coordinates:
A. (3,-5)
B. (9,-2)
C. (7,-9)
Rotate the shape 180° counter-clockwise.

4)

The shape above has the following coordinates:
A. (-1,1)
B. (-10,5)
C. (-6,7)
D. (0,8)
Rotate the shape 90° counter-clockwise.