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Rotation on the Coordinate Grid

Practice Worksheet A

1 Practice Problems

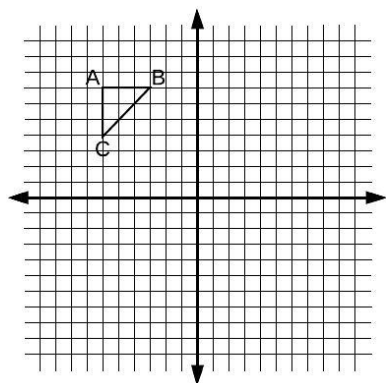
Rotate the following figures then list the location of the new coordinates

1) Rotate figure ABC 180 degrees clockwise.

A (-6,7)

B (-3,7)

C (-6,4)



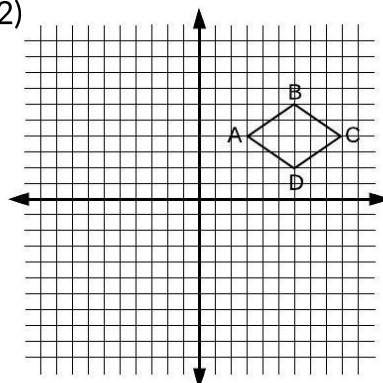
2) Rotate figure ABCD 90 degrees counter-clockwise.

A (3,4)

B (6,6)

C (9,4)

D (6,2)



2 Practice Problems

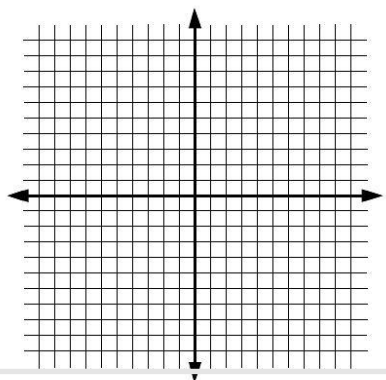
Graph the following figures then rotate according to the directions. List the location of the new coordinates

1) Graph the figure, then rotate 270 degrees clockwise.

A (-4,-1)

B (-5,-5)

C (-3,-2)



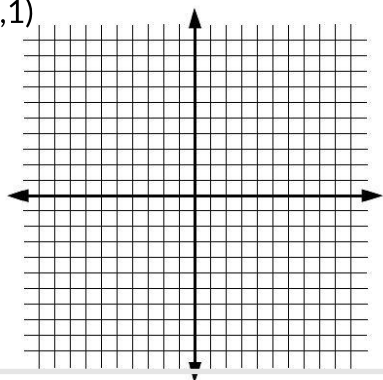
2) Graph the figure, then rotate 270 degrees counter-clockwise.

A (-8,6)

B (-9,9)

C (-4,5)

D (-1,1)



Rotation on the Coordinate Grid

Practice Worksheet A

1 Practice Problems

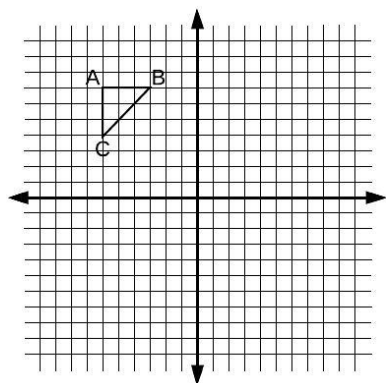
Rotate the following figures then list the location of the new coordinates

1) Rotate figure ABC 180 degrees clockwise.

A (-6,7) **A' (6,-7)**

B (-3,7) **B' (3,-7)**

C (-6,4) **C' (6,-4)**



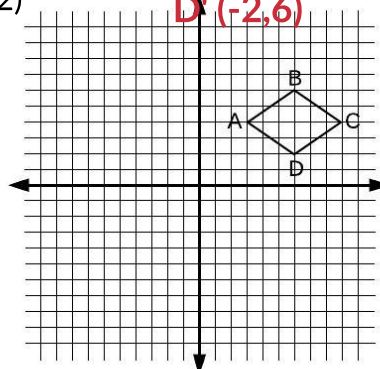
2) Rotate figure ABCD 90 degrees counter-clockwise.

A (3,4) **A' (-4,3)**

B (6,6) **B' (-6,6)**

C (9,4) **C' (-4,9)**

D (6,2) **D' (-2,6)**



2 Practice Problems

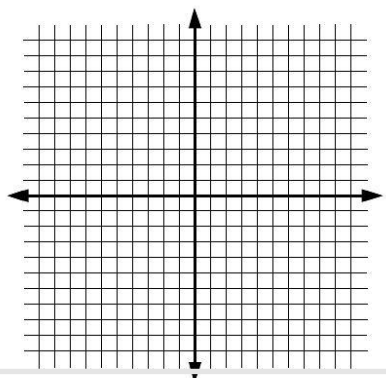
Graph the following figures then rotate according to the directions. List the location of the new coordinates

1) Graph the figure, then rotate 270 degrees clockwise.

A (-4,-1) **A' (1,-4)**

B (-5,-5) **B' (5,-5)**

C (-3,-2) **C' (2,-3)**



2) Graph the figure, then rotate 270 degrees counter-clockwise.

A (-8,6) **A' (6,8)**

B (-9,9) **B' (9,9)**

C (-4,5) **C' (5,4)**

D (-1,1) **D' (1,1)**

