

Name : \_\_\_\_\_

Score : \_\_\_\_\_

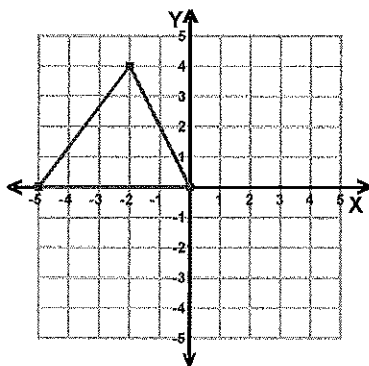
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

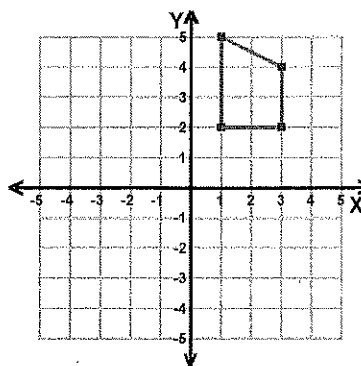
## Rotations

ccw = counterclockwise

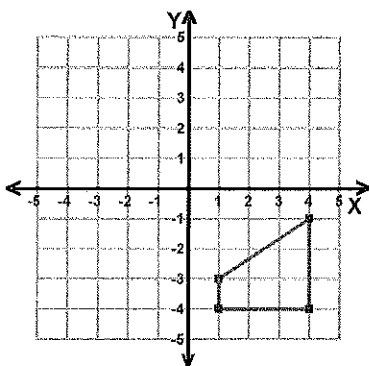
1) Rotation:  $90^\circ$  clockwise about the origin



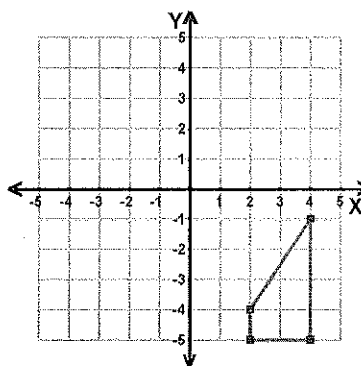
2) Rotation:  $180^\circ$  about the origin



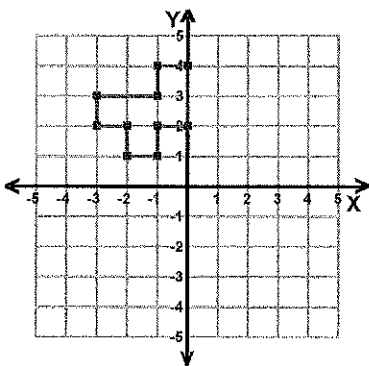
3) Rotation:  $90^\circ$  clockwise about the origin



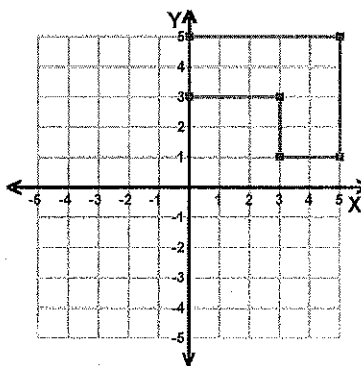
4) Rotation:  $90^\circ$  ccw about the origin



5) Rotation:  $90^\circ$  ccw about the origin



6) Rotation:  $90^\circ$  clockwise about the origin



Name : \_\_\_\_\_

Score : \_\_\_\_\_

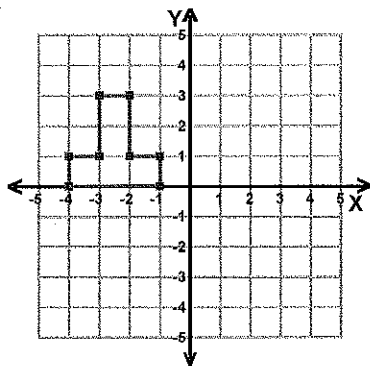
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

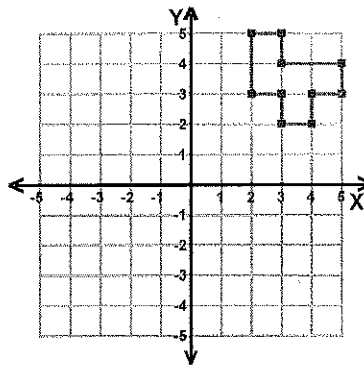
## Rotations

ccw = counterclockwise

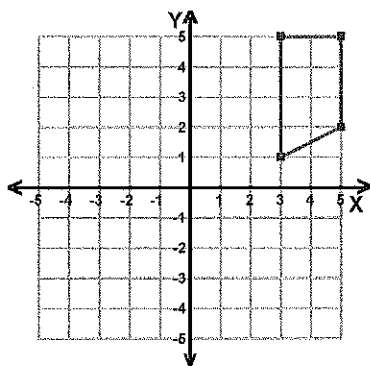
1) Rotation:  $90^\circ$  clockwise about the origin



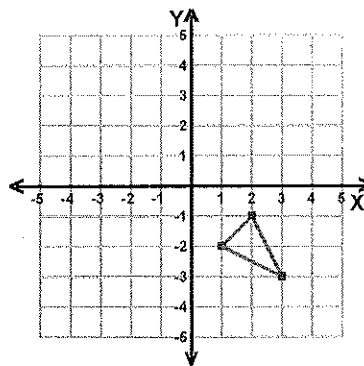
2) Rotation:  $90^\circ$  ccw about the origin



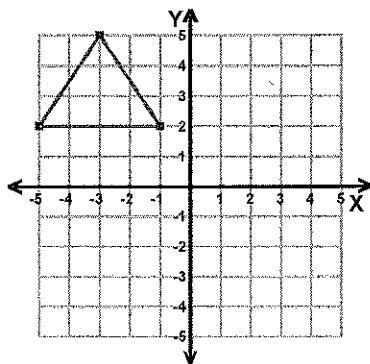
3) Rotation:  $90^\circ$  ccw about the origin



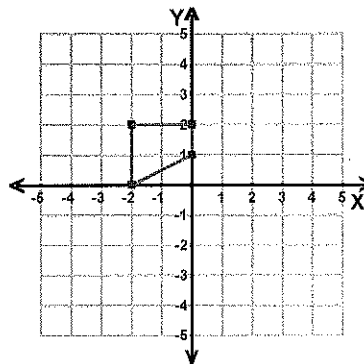
4) Rotation:  $90^\circ$  clockwise about the origin



5) Rotation:  $180^\circ$  about the origin



6) Rotation:  $180^\circ$  about the origin



Name : \_\_\_\_\_

Score : \_\_\_\_\_

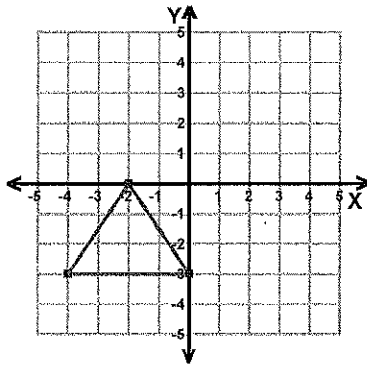
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

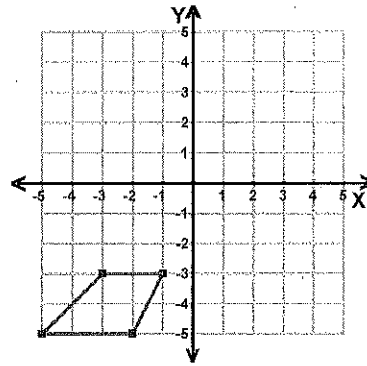
## Rotations

ccw = counterclockwise

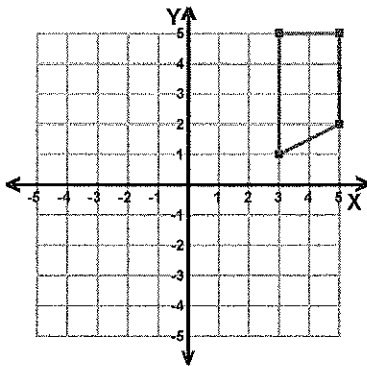
1) Rotation:  $90^\circ$  clockwise about the origin



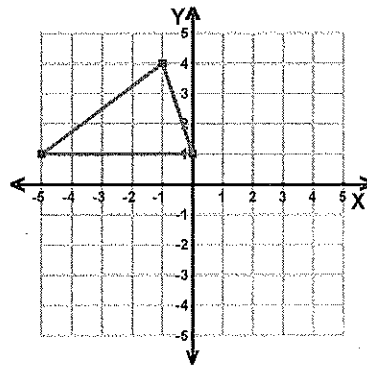
2) Rotation:  $180^\circ$  about the origin



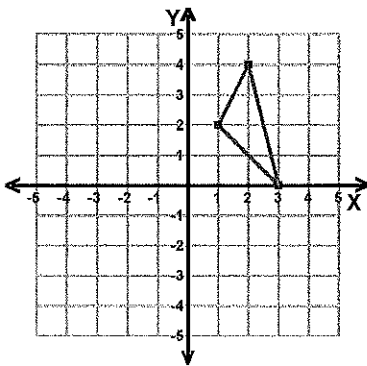
3) Rotation:  $90^\circ$  clockwise about the origin



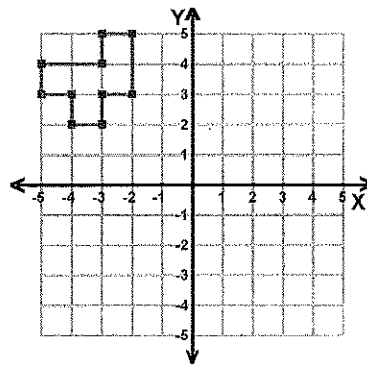
4) Rotation:  $90^\circ$  clockwise about the origin



5) Rotation:  $180^\circ$  about the origin



6) Rotation:  $180^\circ$  about the origin



Name : \_\_\_\_\_

Score : \_\_\_\_\_

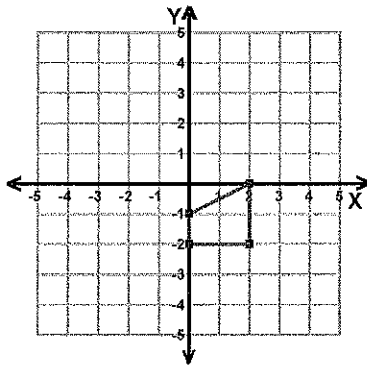
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

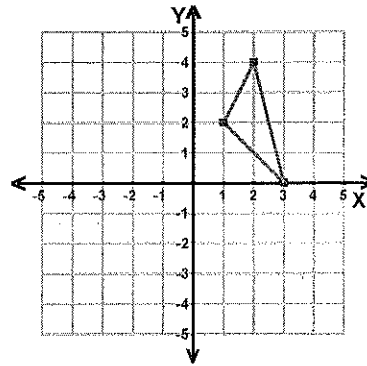
## Rotations

ccw = counterclockwise

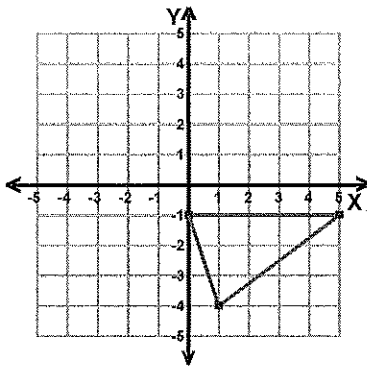
1) Rotation:  $180^\circ$  about the origin



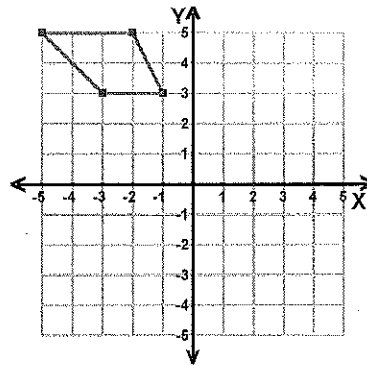
2) Rotation:  $90^\circ$  clockwise about the origin



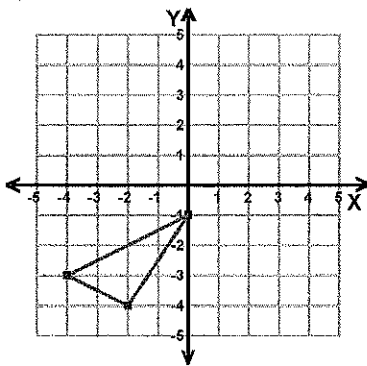
3) Rotation:  $90^\circ$  clockwise about the origin



4) Rotation:  $180^\circ$  about the origin



5) Rotation:  $90^\circ$  clockwise about the origin



6) Rotation:  $90^\circ$  ccw about the origin

