



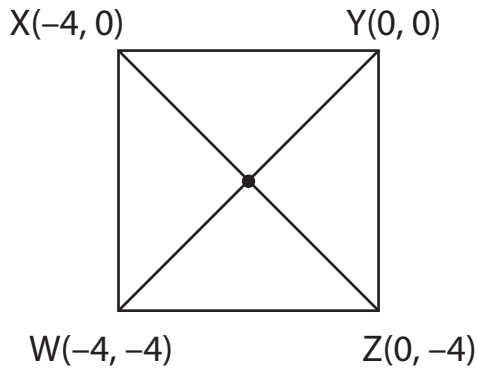
# Midpoint Formula

Name \_\_\_\_\_

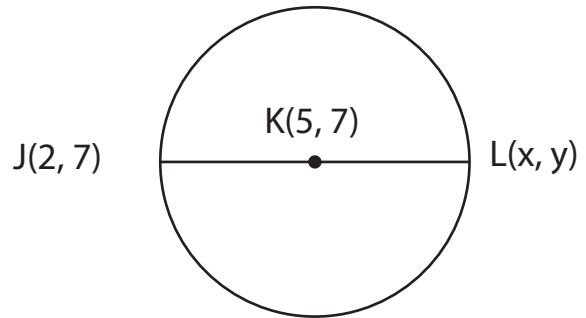
Score \_\_\_\_\_

MP:23

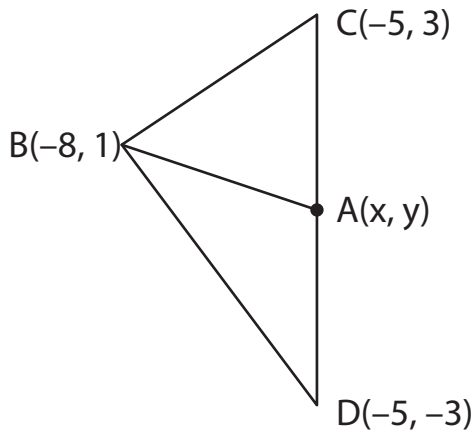
- 1) WXYZ is a square. Find the point of intersection.



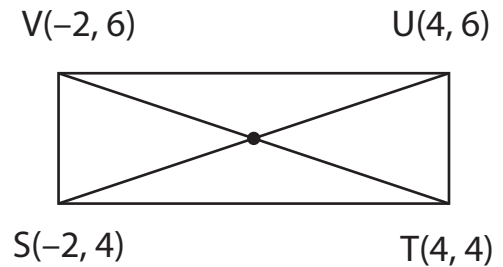
- 2) JKL is a diameter of a circle. Find the coordinates of L.



- 3) BCD is a triangle.  $\overline{BA}$  is median of triangle BCD, find the coordinates of A.



- 4) STUV is a rectangle. Find the point of intersection of the rectangle.



- 5) The points P(7, 7), Q(5, 1), and R(9, -7) forms a triangle. PS is a median of a triangle PQR and find the midpoint of the median and the coordinates of S.
- \_\_\_\_\_



# Midpoint Formula

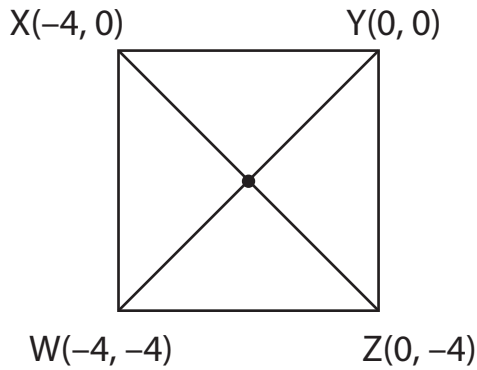
Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

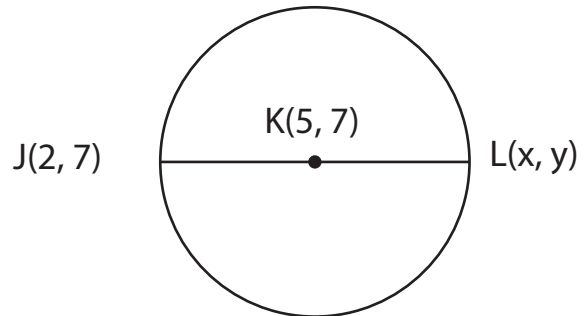
MP:23

- 1) WXYZ is a square. Find the point of intersection.



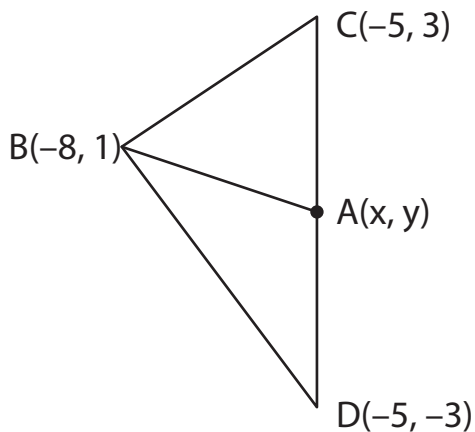
**$(-2, -2)$**

- 2) JKL is a diameter of a circle. Find the coordinates of L.



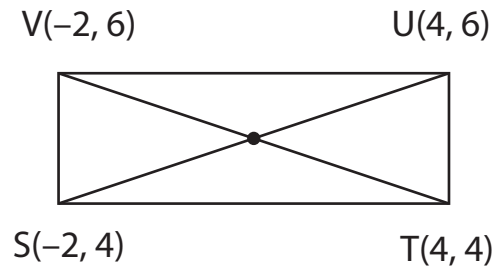
**$(8, 7)$**

- 3) BCD is a triangle.  $\overline{BA}$  is median of triangle BCD, find the coordinates of A.



**$(-5, 0)$**

- 4) STUV is a rectangle. Find the point of intersection of the rectangle.



**$(1, 5)$**

- 5) The points P(7, 7), Q(5, 1), and R(9, -7) forms a triangle. PS is a median of a triangle PQR and find the midpoint of the median and the coordinates of S.

**$(7, -3)$  and  $(7, 2)$**