Name : _____ Score : _____

Midpoint Formula - Shapes

Sheet 2

1) The coordinates of the diameter of a semicircle are (–7, 9) and (–7, 5). Find the center of the semicircle.

_____

2) Find the point of intersection of diagonals of the square whose vertices are (2, –5), (2, –9), (6, –9) and (6, –5).

_____

3) Find the point of inte ; are
(–1, 3), (–1, 7), (7, 7) ar

_____

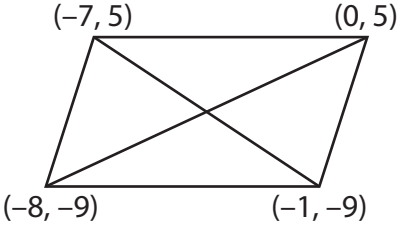
4) The coordinates of th nter of the circle.

_____

5) Find the point of inte are
(–4, 0), (0, –6), (4, 0) ar

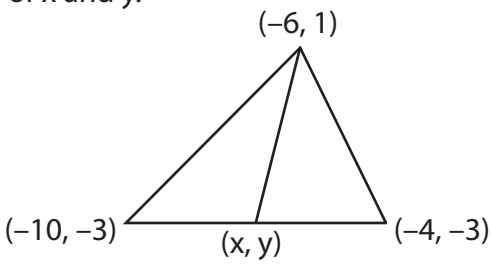
_____

6) Find the point of inte diagonals.



_____

7) The line segment with endpoints (–6, 1) and (x, y) is a median of the triangle. Find the value of x and y.



_____

Name : _____ Score : _____

Answer key

Midpoint Formula - Shapes

Sheet 2

1) The coordinates of the diameter of a semicircle are (–7, 9) and (–7, 5). Find the center of the semicircle.

The center of the semicircle is (–7, 7).

2) Find the point of intersection of diagonals of the square whose vertices are (2, –5), (2, –9), (6, –9) and (6, –5).

The point of intersec

3) Find the point of inte ; are
(–1, 3), (–1, 7), (7, 7) ar

The point of intersec

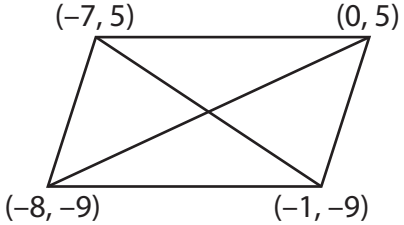
4) The coordinates of th nter of the circle.

The center of the ci

5) Find the point of inte are
(–4, 0), (0, –6), (4, 0) ar

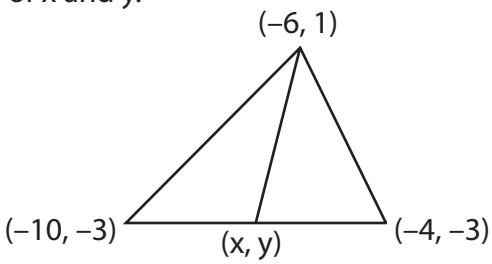
The point of intersec

6) Find the point of intersection of the diagonals.



(–4, –2)

7) The line segment with endpoints (–6, 1) and (x, y) is a median of the triangle. Find the value of x and y.



x = –7, y = –3