

Midpoint Formula - Shapes

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

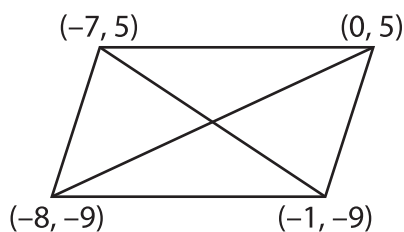
- 2) Find the point of intersection of diagonals of the square whose vertices are $(2, -5)$, $(2, -9)$, $(6, -9)$ and $(6, -5)$.

- 3) Find the point of intersection of the diagonals of the rectangle whose vertices are $(-1, 3)$, $(-1, 7)$, $(7, 7)$ and $(7, 3)$.

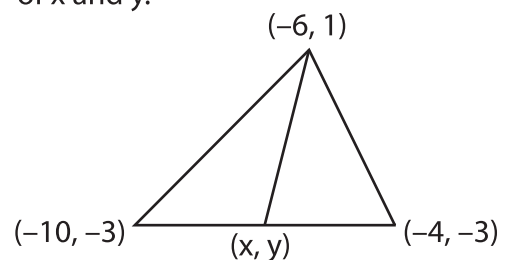
- 4) The coordinates of the center of the circle are $(-3, 4)$ and the radius is 5. Find the coordinates of the point on the circle which is diametrically opposite to $(-3, 4)$.

- 5) Find the point of intersection of the diagonals of the parallelogram whose vertices are $(-4, 0)$, $(0, -6)$, $(4, 0)$ and $(0, 6)$.

- 6) Find the point of intersection of the diagonals of the parallelogram whose vertices are $(-7, 5)$, $(0, 5)$, $(-8, -9)$ and $(-1, -9)$.



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



PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com