

Name : _____

Midpoint Formula - Shapes

Sheet 4

- 1) Find the point of intersection of diagonals of the square whose vertices are $(-2, 1)$, $(2, 1)$, $(2, -3)$ and $(-2, -3)$.

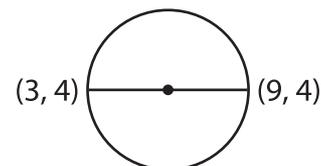
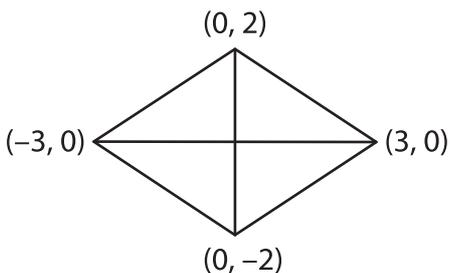
- 2) The coordinates of the diameter of a semicircle are $(-10, 8)$ and $(-10, 10)$. Find the center of the semicircle.

- 3) Find the endpoints of _____ and $(5, 1)$.

- 4) Find the point of intersection of the diagonals of a square whose vertices are $(-9, -8)$, $(3, -8)$, $(3, -10)$ and $(-9, -10)$.

- 5) Find the point of intersection of the diagonals of a square whose vertices are $(-8, -2)$, $(-5, -2)$, $(-6, -5)$ and $(-1, -5)$.

- 6) Find the point of intersection of the diagonals of a square whose vertices are $(-3, 0)$, $(3, 0)$, $(0, 2)$ and $(0, -2)$.



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