

MCQ

Sheet 1

- 1) The diagonal \overline{AC} of the rectangle has end points $(-3, 2)$ and $(3, 6)$. Which of the following is the value of m , if the point $(0, m)$ lies on the diagonal \overline{AC} of the rectangle?
a) $m = -4$ b) $m = 6$ c) $m = 2$ d) $m = 4$
- 2) The diameter of the circle is passing through the points $(2, 5)$ and $(5, -4)$. If $(s, 2)$ is a point on that diameter, then which of the following is the value of s ?
a) $s = 2$ b) $s = 3$ c) $s = 5$ d) $s = -2$
- 3) A side of the trapezoid is passing through the points $(6, -4)$ and $(8, -6)$. Identify the value of v , if the point $(7, -v)$ lies on that side.
a) $v = 7$ b) $v = -5$ c) $v = 5$ d) $v = -7$
- 4) A side \overline{UV} of the rhombus has the end points $(-5, -2)$ and $(-8, -5)$. If the point $(-7, q)$ lies on the side \overline{UV} of the rhombus, then Identify the value of q .
a) $q = 7$ b) $q = -1$ c) $q = -4$ d) $q = 2$
- 5) The diagonal \overline{AB} of the square has the end points $(-1, -1)$ and $(-9, 7)$. $(u, 5)$ is a point on the diagonal \overline{AB} . Which of the following is the value of u ?
a) $u = -7$ b) $u = -3$ c) $u = 5$ d) $u = 3$
- 6) Which of the following is the value of k if the point $(k, 5)$ lies on the side of the triangle joining the points $(6, 7)$ and $(4, 3)$?
a) $k = 1$ b) $k = 5$ c) $k = 6$ d) $k = -5$
- 7) A side \overline{CD} of a kite is formed by joining the points $(-5, -6)$ and $(-8, 0)$. Identify the value of z if the point $(-7, z)$ lies on the side \overline{CD} of the kite.
a) $z = 2$ b) $z = 9$ c) $z = 0$ d) $z = -2$