1) A side $\overline{GH}$ of the rhombus has the end points (1, 9) and (−8, 0). If the point (p, 3) lies on the side $\overline{GH}$ of the rhombus, then Identify the value of p.

   a) p = −5   b) p = −8   c) p = −3   d) p = 1

2) A side of the trapezoid is passing through the points (−7, −4) and (−1, −2). Identify the value of g, if the point (−g, −3) lies on that side.

   a) g = 2   d) g = 4

3) The diameter of   . For which value of k, the point (−k,

   a) k = −1   d) k = 3

4) The diagonal $\overline{AC}$ 5, 4). Which of the following is the   al $\overline{AC}$ of the rectangle?

   a) s = 0   d) s = −2

5) A side $\overline{AB}$ of a pa   5, 9) and (3, −1). Identify the valu

   a) v = 0   d) v = −1

6) A side $\overline{DE}$ of a ki   (6, −2). Identify the value of w if the point (3, w) lies on the side DE of the kite.

   a) w = −1   b) w = 8   c) w = 1   d) w = −2

7) The diagonal of the square is passing through the points (0, −1) and (8, −9). Which of the following is the value of q if (q, −2) is the intersecting point of the diagonals?

   a) q = 4   b) q = 1   c) q = −2   d) q = 0