

Quiz: Midpoint of a Line Segment

1 Find the midpoint of the segment connecting the points (1,1) and (5,-3).

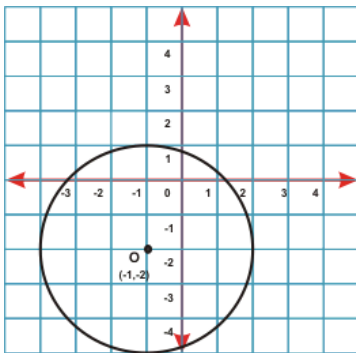
2 Find the midpoint of the segment connecting the points (2,-7) and (-7,-9).

3 M is the midpoint of AB. The coordinates of A are (-7,5) and the coordinates of M are (-9,0). Find the coordinates of B.

4 The coordinates of quadrilateral PQRS are P (3,3), Q(3,5), R(5,5), and S(5,4). Do the diagonals bisect each other?

5 M is the midpoint of AB. The coordinates of A are (0,2) and the coordinates of M are (3.5,5). Find the coordinates of B.

6 Find the midpoint of the segment connecting the points (9,4) and (3,-2).



7 PQ is the diameter of a circle whose center is the point (-1,-2). If the coordinates of P are (2,-2), find the coordinates of Q.

8 PQ is the diameter of a circle whose center is the point (-1,-2). If the coordinates of P are (1,1), find the coordinates of Q.

John planted two trees on a planning grid at coordinates (0,10) and (15,7). He wants to plant a row of hedges such that any hedge is the same distance from each of the two trees.

9 Determine the midpoint of the line segment connecting the two trees

10 Determine the slope of the line connecting the trees.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%