

Distance Formula | Finding the Missing Coordinates

Find the value of each unknown variable using the given distance and endpoints.

1) $(6, -9), (6, n)$, distance = 1 unit

2) $(c, 1), (-2, 5)$, distance = 4 units

$n =$ _____

$c =$ _____

3)

Preview

5)

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9 units. Find the value of v .

$v =$ _____

- 8) The length of the diameter of a circle with the endpoints $(1, -3)$ and $(b, -6)$ is 5 units. Find the value of b .

$b =$ _____