

Distance Formula | Finding the Missing Coordinates

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

1) $(-10, 8), (t, 8)$, distance = 10 units

2) $(-4, v), (-6, 4)$, distance = 2 units

$t =$ _____

$v =$ _____

3)

Preview

5)

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is 3 units. Find the value of p .

$p =$ _____

- 8) The endpoints of one of the sides of a square are $(4, m)$ and $(8, 5)$. The length of the side is 5 units. Find the value of m .

$m =$ _____