

## 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 = \_\_\_\_\_