

Slope: Missing Coordinate

Name: _____

Date: _____

Find missing coordinate using the given slope

1

$(-3,t)$ and $(-7,0)$

$$\text{Slope} = \frac{1}{4}$$

$$t = \underline{\hspace{2cm}}$$

2

$(6,-4)$ and $(i,2)$

$$\text{Slope} = \frac{3}{-8}$$

$$i = \underline{\hspace{2cm}}$$

3

$(-5,8)$ and $(o,-10)$

$$\text{Slope} = \frac{-9}{5}$$

$$o = \underline{\hspace{2cm}}$$

4

$(d,-3)$ and $(-2,-9)$

$$\text{Slope} = 6$$

$$d = \underline{\hspace{2cm}}$$

5

$(7,b)$ and $(6,-4)$

$$\text{Slope} = 4$$

$$b = \underline{\hspace{2cm}}$$

6

$(-3,-9)$ and $(0,e)$

$$\text{Slope} = 5$$

$$e = \underline{\hspace{2cm}}$$

7

$(-4,-10)$ and $(-5,z)$

$$\text{Slope} = -18$$

$$z = \underline{\hspace{2cm}}$$

8

$(w,1)$ and $(0,1)$

$$\text{Slope} = 0$$

$$w = \underline{\hspace{2cm}}$$

9

$(-9,-2)$ and $(s,-10)$

$$\text{Slope} = \frac{-4}{3}$$

$$s = \underline{\hspace{2cm}}$$

10

$(6,n)$ and $(-5,4)$

$$\text{Slope} = -1$$

$$n = \underline{\hspace{2cm}}$$

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$$s = \underline{\quad -3 \quad}$$

10

$(6,n)$ and $(-5,4)$

$$\text{Slope} = -1$$

$$n = \underline{\quad -7 \quad}$$