

**Missing Coordinates**

Find the missing coordinate using the given slope.

1)  $(d, -8)$  and  $(-4, -12)$

Slope = 2

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

2)  $(-2, -7)$  and  $(x, 0)$

Slope =  $-\frac{7}{6}$

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

3)  $(-6, 4)$  and  $(12, r)$

Slope =  $\frac{1}{3}$

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

4)  $(q, -3)$  and  $(0, 8)$

5)  $(1, n)$  and  $(6, 10)$

Slope = 3

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

7)  $(-9, k)$  and  $(0, -11)$

Slope =  $-\frac{11}{9}$

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

9)  $(s, 3)$  and  $(-4, 1)$

Slope = -3

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

12)  $(4, -2)$  and  $(-3, y)$

Slope = 1

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

11)  $(-4, c)$  and  $(-6, -6)$

Slope = 4

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

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## Missing Coordinates

Find the missing coordinate using the given slope.

1)  $(d, -8)$  and  $(-4, -12)$

Slope = 2

$d = \underline{-2}$

2)  $(-2, -7)$  and  $(x, 0)$

Slope =  $-\frac{7}{6}$

$x = \underline{-8}$

3)  $(-6, 4)$  and  $(12, r)$

Slope =  $\frac{1}{3}$

$r = \underline{10}$

4)  $(q, -3)$  and  $(0, 8)$

5)  $(1, n)$  and  $(6, 10)$

Slope = 3

$n = \underline{-5}$

7)  $(-9, k)$  and  $(0, -11)$

Slope =  $-\frac{11}{9}$

$k = \underline{3}$

9)  $(s, 3)$  and  $(-4, 1)$

Slope = -3

$s = \underline{-1}$

12)  $(4, -2)$  and  $(-3, y)$

Slope = 1

$y = \underline{-9}$

11)  $(-4, c)$  and  $(-6, -6)$

Slope = 4

$c = \underline{2}$

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