

Name : _____

Missing Coordinates

Sheet 3

Find the missing coordinate using the given slope.

1) $(r, 8)$ and $(0, 6)$

Slope = 2

$r =$ _____

2) $(5, -3)$ and $(9, v)$

Slope = $\frac{7}{4}$

$v =$ _____

3) $(-8, k)$ and $(-12, -9)$

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

$k =$ _____

4) $(3, -1)$ and $(s, 10)$

Slope = $\frac{11}{8}$

5) $(11, -2)$ and $(t, 8)$

Slope = -5

$t =$ _____

7) $(-10, 4)$ and $(-1, p)$

Slope = -3

$p =$ _____

9) $(-2, -5)$ and $(u, 1)$

Slope = $\frac{5}{2}$

$u =$ _____

$g =$ _____

11) $(h, -8)$ and $(-1, -4)$

Slope = -2

$h =$ _____

12) $(-1, -2)$ and $(1, z)$

Slope = 6

$z =$ _____

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Missing Coordinates

Find the missing coordinate using the given slope.

1) $(r, 8)$ and $(0, 6)$

Slope = 2

$r = \underline{\quad 1 \quad}$

2) $(5, -3)$ and $(9, v)$

Slope = $\frac{7}{4}$

$v = \underline{\quad 4 \quad}$

3) $(-8, k)$ and $(-12, -9)$

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

$k = \underline{\quad -12 \quad}$

4) $(3, -1)$ and $(s, 10)$

Slope = $\frac{11}{8}$

$s = \underline{\quad 5 \quad}$

5) $(11, -2)$ and $(t, 8)$

Slope = -5

$t = \underline{\quad 12 \quad}$

$(1, -8)$

Slope = 8

7) $(-10, 4)$ and $(-7, p)$

Slope = -3

$p = \underline{\quad 7 \quad}$

$(c, 4)$

Slope = $\frac{1}{9}$

9) $(-2, -5)$ and $(u, 1)$

Slope = $\frac{5}{2}$

$u = \underline{\quad 2 \quad}$

$d(-6, -3)$

Slope = 1

$g = \underline{\quad 0 \quad}$

11) $(h, -8)$ and $(-1, -4)$

Slope = -2

$h = \underline{\quad 1 \quad}$

12) $(-1, -2)$ and $(1, z)$

Slope = 6

$z = \underline{\quad 10 \quad}$

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