

Name : _____

Missing Coordinates

Sheet 1

Find the missing coordinate using the given slope.

1) (6, 9) and (u, -4)
Slope = $\frac{13}{9}$

u = _____

2) (a, 2) and (5, -6)
Slope = 8

a = _____

3) (2, n) and (0, 8)
Slope = -2

n = _____

4) (5, 4) and (10, c)
Slope = $-\frac{2}{5}$

5) (g, 6) and (-5, -4)
Slope = $\frac{3}{2}$

g = _____

7) (1, -1) and (-5, z)
Slope = $-\frac{4}{3}$

z = _____

9) (7, 3) and (t, -7)
Slope = -5

t = _____

(4, 8)

1

(3, -10)

$-\frac{1}{2}$

(10, 4)

3

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11) (-4, -10) and (-2, p)
Slope = $\frac{5}{2}$

p = _____

12) (-5, v) and (-8, 3)
Slope = -1

v = _____