Name : _____

Missing Coordinates

Find the missing coordinate using the given slope.

1) (d, –8) and (–4, –12)
Slope = 2

d = _____

2) (–2, –7) and (x, 0)
Slope = $-\frac{7}{6}$

x = _____

3) (–6, 4) and (12, r)
Slope = $\frac{1}{3}$

r = _____

4) (q, –3) and (0, 8)
–1

___

5) (1, n) and (6, 1(
Slope = 3

n = _____

nd (b, 5)
$\frac{7}{12}$

___

7) (–9, k) and (0, -
Slope = $-\frac{11}{9}$

k = _____

(4, a)
6

___

9) (s, 3) and (–4, 1
Slope = –3

s = _____

nd (u, –5)
$-\frac{1}{4}$

u = _____

11) (–4, c) and (–6, –6)
Slope = 4

c = _____

12) (4, –2) and (–3, y)
Slope = 1

y = _____

Name : _____

Answer key

Sheet 2

Missing Coordinates

Find the missing coordinate using the given slope.

1) (d, –8) and (–4, –12)
Slope = 2

d = **–2**

2) (–2, –7) and (x, 0)
Slope = $-\frac{7}{6}$

x = **–8**

3) (–6, 4) and (12, r)
Slope = $\frac{1}{3}$

r = **10**

4) (q, –3) and (0, 8)
–1

1

5) (1, n) and (6, 1
Slope = 3

n = **–5**

nd (b, 5)
$\frac{7}{12}$

7) (–9, k) and (0, -
Slope = $-\frac{11}{9}$

k = **3**

(4, a)
6

9) (s, 3) and (–4, 1
Slope = –3

s = **–1**

nd (u, –5)
$-\frac{1}{4}$

u = **5**

11) (–4, c) and (–6, –6)
Slope = 4

c = **2**

12) (4, –2) and (–3, y)
Slope = 1

y = **–9**