Slope - Missing Coordinates

Find the unknown value for the given slope and points passing through the line.

1) (0, 4) and (z, 10)

Slope = 6

z = _____

2) (−2, t) and (−7, −1)

Slope = −1

t = _____

3) (m, 5) and (2, −4)

Slope = $-\dfrac{9}{5}$

m = _____

4) (6, −1) and (−5, u)

Slope = $-\dfrac{10}{11}$

u = _____

5) (4, b) and (−4, −8)

Slope = 2

b = _____

6) (−7, 0) and (d, 3)

Slope = $\dfrac{3}{7}$

d = _____

7) (g, −9) and (−10, −1)

Slope = −8

g = _____

8) (11, 8) and (3, p)

Slope = $\dfrac{1}{8}$

p = _____

Slope - Missing Coordinates

Answer key

SL:21

Find the unknown value for the given slope and points passing through the line.

1) (0, 4) and (z, 10)

Slope = 6

z = **1** _____

2) (−2, t) and (−7, −1)

Slope = −1

t = **−6** _____

3) (m, 5) and (2, −4)

Slope = $-\dfrac{9}{5}$

m = **−3** _____

4) (6, −1) and (−5, u)

Slope = $-\dfrac{10}{11}$

u = **9** _____

5) (4, b) and (−4, −8)

Slope = 2

b = **8** _____

6) (−7, 0) and (d, 3)

Slope = $\dfrac{3}{7}$

d = **0** _____

7) (g, −9) and (−10, −1)

Slope = −8

g = **−9** _____

8) (11, 8) and (3, p)

Slope = $\dfrac{1}{8}$

p = **7** _____