Slope - Missing Coordinates

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

1) (k, −2) and (1, −3)

Slope $= \dfrac{1}{4}$

k = _____

2) (0, 4) and (m, −2)

Slope $= 1$

m = _____

3) (−8, −1) and (−7, t)

Slope $= -6$

t = _____

4) (3, b) and (10, 5)

Slope $= -\dfrac{4}{7}$

b = _____

5) (−6, 4) and (u, −5)

Slope $= -1$

u = _____

6) (p, −7) and (−1, −9)

Slope $= -\dfrac{2}{7}$

p = _____

7) (2, d) and (0, 1)

Slope $= \dfrac{1}{2}$

d = _____

8) (−3, −4) and (2, v)

Slope $= 2$

v = _____

Slope - Missing Coordinates

Answer key

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

1) (k, –2) and (1, –3)

Slope $= \dfrac{1}{4}$

k = __**5**__

2) (0, 4) and (m, –2)

Slope $= 1$

m = __**–6**__

3) (–8, –1) and (–7, t)

Slope $= -6$

t = __**–7**__

4) (3, b) and (10, 5)

Slope $= -\dfrac{4}{7}$

b = __**9**__

5) (–6, 4) and (u, –5)

Slope $= -1$

u = __**3**__

6) (p, –7) and (–1, –9)

Slope $= -\dfrac{2}{7}$

p = __**–8**__

7) (2, d) and (0, 1)

Slope $= \dfrac{1}{2}$

d = __**2**__

8) (–3, –4) and (2, v)

Slope $= 2$

v = __**6**__