Find the missing coordinate using the given slope.

1) 
$$(a, 9)$$
 and  $(3, 1)$   
Slope = 4

2) 
$$(6, -2)$$
 and  $(4, c)$   
Slope  $= -\frac{9}{2}$ 

3) 
$$(-10, q)$$
 and  $(-2, -6)$   
Slope  $= -\frac{5}{8}$ 

## **PREVIEW**

5) (18, 0) and (v, -

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

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(-14, 10) and (-

Slope = -5

7)

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(9, -1)

-1

9) 
$$(-4, -8)$$
 and  $(v, Slope = \frac{13}{7})$ 

Slope = 
$$-2$$

$$Slope = 2$$