

## Finding the Slopes of Parallel Lines

Find the slope of a line that is parallel to the given one.

a 
$$y = \frac{3}{4}x - 5$$

b 
$$y + 5 = -4x$$

c 
$$y + 2 = -x$$

d 
$$y + \frac{3}{2}x + 1 = 0$$

$$y = 2x - \frac{7}{4}$$

f 
$$4y + 5x = 7$$

g 
$$y = \frac{1}{3}x - 7$$

h 
$$5y - 7x = 3$$

$$6x + \frac{4}{7} = y$$

$$k - 1 = y$$

$$2x - 4 = y + 7$$

## Finding the Slopes of Parallel Lines

Answers

a 
$$y = \frac{3}{4}x - 5$$

b 
$$y + 5 = -4x$$

c 
$$y + 2 = -x$$

$$\frac{\frac{3}{4}}{y + \frac{3}{2}x + 1 = 0}$$

$$\frac{-4}{y = 2x - \frac{7}{4}}$$

$$\frac{-1}{4y + 5x = 7}$$

$$y = \frac{-\frac{3}{2}}{y - 7}$$

$$\frac{2}{5y - 7x = 3}$$

$$2x - 1 = y$$

$$\frac{\frac{1}{3}}{6x + \frac{4}{7} = y}$$

$$x - 1 = y$$

$$2x - 4 = y + 7$$