Practice 3-3

Find the slope of each line.

1. 

2. 

3. 

4. 

5. 

The points from each table lie on a line. Use the table to find the slope of each line. Then graph the line.

6. 

\[
\begin{array}{cccccc}
x & 0 & 1 & 2 & 3 & 4 \\
y & -3 & -1 & 1 & 3 & 5 \\
\end{array}
\]

slope = 

7. 

\[
\begin{array}{cccccc}
x & 0 & 1 & 2 & 3 & 4 \\
y & 5 & 3 & 1 & -1 & -3 \\
\end{array}
\]

slope =
Practice 3-4

Using the y-Intercept

Determine if the equation has the same slope as the equation
\( y = 2x - 4 \).

1. \( y = 2x + 4 \)  
2. \( y = -2x + 3 \)  
3. \( y = 4x - 2 \)  
4. \( y = 3x - 4 \)

Graph each equation using the slope and the y-intercept.

5. \( y = \frac{3}{4}x - 3 \)  
6. \( y = -\frac{2}{3}x + 2 \)  
7. \( y = -\frac{4}{3}x + 4 \)

8. \( y = \frac{4}{3}x + 4 \)  
9. \( y = x + 4 \)  
10. \( y = \frac{5}{3}x - 5 \)

Write an equation for each line.

11.  
12.  
13.