

Finding the Slope of a Line Parallel to a Given Line

Find the slope of a line parallel to each given line.

1) $y = -\frac{1}{2}x + 3$

2) $y = \frac{2}{3}x + 3$

3) $y = 2x - 4$

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

5) $x = 4$

6) $3x + 5y = 0$

7) $x - 5y = 5$

8) $5x - 2y = 2$

9) $8x + 3y = -12$

10) $10 - 5y = 0$

Answers to Finding the Slope of a Line Parallel to a Given Line

1) $-\frac{1}{2}$

2) $\frac{2}{3}$

3) 2

4) $-\frac{7}{2}$

5) Undefined

6) $-\frac{3}{5}$

7) $\frac{1}{5}$

8) $\frac{5}{2}$

9) $-\frac{8}{3}$

10) 0