

Assignment: Slope from Equation of line

Date _____

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

1) $y = 2x + 4$

2) $y = -x - 4$

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

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

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

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

6) $y = -x + 4$

7) $y = -x + 3$

8) $y = -x + 1$

Find the slope of each line.

9) $y = -\frac{2}{5}x + 3$

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

Answers to Assignment: Slope from Equation of line

1) 2

2) -1

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

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

5) 3

6) 1

7) 1

8) 1

9) $-\frac{2}{5}$

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

