Math 1 Name_____ ID: 1

Lesson 13 Assignment Parallel Lines

Date_____ Period____

Write the slope-intercept form of the equation of the line described.

1) through: $(3, -1)$, parallel to $y = 4x + 3$

2) through: $(1, 1)$, parallel to $y = 5x + 1$

3) through: $(-4, -2)$, parallel to $y = -\frac{3}{4}x + 2$

4) through: $(2, 3)$, parallel to $y = -\frac{2}{7}x$

5) through: $(1, 5)$, parallel to $y = \frac{1}{2}x$

6) through: $(5, 5)$, parallel to $y = \frac{3}{5}x - 5$

7) through: $(2, 1)$, parallel to $y = -\frac{1}{3}x + 1$

8) through: $(-2, -1)$, parallel to $y = x - 1$

9) through: $(2, -4)$, parallel to $y = \frac{5}{2}x + 1$

10) through: $(5, -5)$, parallel to $y = -\frac{1}{5}x + 1$

Answers to Lesson 13 Assignment Parallel Lines (ID: 1)

1) $y = 4x - 13$

2) $y = 5x - 4$

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

4) $y = -\frac{2}{7}x + \frac{25}{7}$

5) $y = \frac{1}{2}x + \frac{9}{2}$

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

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

8) $y = x + 1$

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

10) $y = -\frac{1}{5}x - 4$