

## Equations of Parallel Lines

Date \_\_\_\_\_ Period \_\_\_\_\_

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

1) through:  $(2, 3)$ , parallel to  $y = 4x - 1$

2) through:  $(5, -4)$ , parallel to  $y = -\frac{3}{5}x + 1$

3) through:  $(0, -1)$ , parallel to  $y = \frac{5}{2}x - 3$

4) through:  $(5, -1)$ , parallel to  $y = -\frac{6}{5}x - 3$

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

6) through:  $(3, 2)$ , parallel to  $y = \frac{5}{3}x + 3$

7) through:  $(5, 3)$ , parallel to  $y = \frac{3}{5}x - 2$

8) through:  $(-4, 4)$ , parallel to  $y = -\frac{5}{4}x + 3$

9) through:  $(1, 2)$ , parallel to  $y = 6x + 3$

10) through:  $(-4, 1)$ , parallel to  $y = -\frac{3}{4}x + 1$

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

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

13) through:  $(-3, -5)$ , parallel to  $y = \frac{5}{3}x - 2$

14) through:  $(-2, -3)$ , parallel to  $y = \frac{5}{4}x + 2$

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

16) through:  $(3, -1)$ , parallel to  $x = 0$