

5-6A: Parallel Lines

Date _____ Period ____ Table _____

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

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

2) through: $(3, -3)$, parallel to $y = -x + 5$

3) through: $(2, 0)$, parallel to $y = -\frac{3}{2}x + 4$

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

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

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

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

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

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

10) through: $(0, 0)$, parallel to $y = -2x - 3$

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

12) through: $(3, 5)$, parallel to $y = 2x + 1$

13) through: $(2, 3)$, parallel to $x = 0$

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

15) through: $(-3, 2)$, parallel to $y = 6x - 3$

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

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

18) through: $(3, -5)$, parallel to $y = -2x$