

Parallel Lines

Name: _____

Write an equation in slope-intercept form of the line that passes through given point and is parallel to the graph of the given equation. SHOW YOUR WORK!!!

1. $(1, 3)$ & $y = 3x + 2$

2. $(2, -5)$ & $y = -x - 2$

3. $(1, -3)$ & $y + 2 = 4(x - 1)$

4. $(2, -1)$ & $y = -\frac{3}{2}x + 6$

5. $(0, 2)$ & $y = \frac{2}{3}x + 1$

6. $(4, 2)$ & $x = -3$

7. $(-1, -7)$ & $y = 5$

8. $(2, 2)$ & $y = x - 4$

9. $(-3, -1)$ & $y + 2 = 2(x - 5)$

10. $(-5, 4)$ & $y = -\frac{6}{5}x + 1$

11. $(4, 3)$ & $x = 0$

12. $(12, 10)$ & $y = -11$