

Write the equation of the line (in slope-intercept form) that goes through the given point, and is parallel to the given line.

1. $(-4, 4)$ and $y = -\frac{9}{4}x + 1$

2. $(-3, -5)$ and $y = 2x - 2$

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

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

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

6. $(-4, -5)$ and $y = 2x - 1$

7. $(-3, 0)$ and $y = 2x - 5$

8. $(-5, -5)$ and $y = 10x$

9. $(-5, 5)$ and $y = -\frac{1}{5}x - 2$

10. $(3, -2)$ and $y = \frac{2}{3}x + 4$