

## Parallel Lines Worksheets

Find the equation of a line parallel to the given equation and passing through the given point. Write your answer in slope-intercept form.

$$3x - 2y = 2 \text{ and } (-4, -1)$$

$$-3x + 2y = 6 \text{ and } (3, 2)$$

$$-x + 2y = 6 \text{ and } (2, -1)$$

$$2x + 9y = 16 \text{ and } (2, 2)$$

$$-5x + 2y = 6 \text{ and } (-2, 5)$$

$$3x + y = -12 \text{ and } (2, -1)$$

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Find the equation of a line parallel to the given equation and passing through the given point. Write your answer in slope-intercept form.

$$3x - 2y = 2 \text{ and } (-4, -1)$$

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

$$-3x + 2y = 6 \text{ and } (3, 2)$$

$$y = \frac{3}{2}x - \frac{5}{2}$$

$$-x + 2y = 6 \text{ and } (2, -1)$$

$$y = \frac{1}{2}x - 2$$

$$2x + 9y = 16 \text{ and } (2, 2)$$

$$y = -\frac{2}{9}x + \frac{22}{9}$$

$$-5x + 2y = 6 \text{ and } (-2, 5)$$

$$y = \frac{5}{2}x + 10$$

$$3x + y = -12 \text{ and } (2, -1)$$

$$y = -3x + 5$$