

## 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.

$$-7x + 3y = 15 \text{ and } (4, 1)$$

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

$$y = \frac{1}{4}x - 2 \text{ and } (5, -5)$$

$$x + y = 8 \text{ and } (2, -4)$$

$$4x + 9y = -9 \text{ and } (-5, 1)$$

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

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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.

$$-7x + 3y = 15 \text{ and } (4, 1)$$

$$y = \frac{7}{3}x - \frac{25}{3}$$

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

$$y = -\frac{2}{5}x - \frac{6}{5}$$

$$y = \frac{1}{4}x - 2 \text{ and } (5, -5)$$

$$y = \frac{1}{4}x - \frac{25}{4}$$

$$x + y = 8 \text{ and } (2, -4)$$

$$y = -x - 2$$

$$4x + 9y = -9 \text{ and } (-5, 1)$$

$$y = -\frac{4}{9}x - \frac{11}{9}$$

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

$$y = \frac{1}{2}x - \frac{7}{2}$$