

Name:

Date: Score:

Rewriting Equations in Slope-Intercept Form

1 $6x + 2y = 12$

2 $3x - 2y = -16$

3 $y - 5 = \frac{7}{4}(x + 1)$

4 $5y = -4x - 5$

5 $4y + 3x = 2$

6 $x + y = 4$

7 $x + 5y - 10 = 2x$

8 $13x - 11y = -12$

9 $-10x + 5y = 15$

10 $\frac{7}{6}y = x - 14$

11 $\frac{6x}{y+8} = 3$

12 $\frac{5}{4}(-x - 4) = \frac{1}{8}(6y - 10)$

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Rewriting Equations in Slope-Intercept Form

Answers

1 $6x + 2y = 12$

2 $3x - 2y = -16$

3 $y - 5 = \frac{7}{4}(x + 1)$

$$y = -3x + 6$$

$$y = \frac{3}{2}x + 8$$

$$y = \frac{7}{4}x + \frac{27}{4}$$

4 $5y = -4x - 5$

5 $4y + 3x = 2$

6 $x + y = 4$

$$y = -\frac{4}{5}x - 1$$

$$y = -\frac{3}{4}x + \frac{1}{2}$$

$$y = -x + 4$$

7 $x + 5y - 10 = 2x$

8 $13x - 11y = -12$

9 $-10x + 5y = 15$

$$y = \frac{1}{5}x + 2$$

$$y = \frac{13}{11}x + \frac{12}{11}$$

$$y = 2x + 3$$

10 $\frac{7}{6}y = x - 14$

11 $\frac{6x}{y+8} = 3$

12 $\frac{5}{4}(-x - 4) = \frac{1}{8}(6y - 10)$

$$y = \frac{6}{7}x - 12$$

$$y = 2x - 8$$

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