

Converting Linear Equations (G)

Convert between standard and slope-intercept forms.

1. Standard form: $9x - 5y = 10$

Slope-intercept form: _____

2. Standard form: $2x - 3y = 3$

Slope-intercept form: _____

3. Standard form: _____

Slope-intercept form: $y = -x + \frac{1}{3}$

4. Standard form: _____

Slope-intercept form: $y = -\frac{9}{10}x + \frac{1}{10}$

5. Standard form: $6x - 10y = -3$

Slope-intercept form: _____

6. Standard form: $11x + 7y = -12$

Slope-intercept form: _____

7. Standard form: _____

Slope-intercept form: $y = \frac{6}{7}x + \frac{1}{7}$

8. Standard form: $11x + 7y = -5$

Slope-intercept form: _____

9. Standard form: _____

Slope-intercept form: $y = \frac{1}{4}x + \frac{1}{4}$

10. Standard form: $6x + 3y = 5$

Slope-intercept form: _____

Converting Linear Equations (G) Answers

Convert between standard and slope-intercept forms.

1. Standard form: $9x - 5y = 10$

Slope-intercept form: $y = \frac{9}{5}x - 2$

2. Standard form: $2x - 3y = 3$

Slope-intercept form: $y = \frac{2}{3}x - 1$

3. Standard form: $3x + 3y = 1$

Slope-intercept form: $y = -x + \frac{1}{3}$

4. Standard form: $9x + 10y = 1$

Slope-intercept form: $y = -\frac{9}{10}x + \frac{1}{10}$

5. Standard form: $6x - 10y = -3$

Slope-intercept form: $y = \frac{3}{5}x + \frac{3}{10}$

6. Standard form: $11x + 7y = -12$

Slope-intercept form: $y = -\frac{11}{7}x - \frac{12}{7}$

7. Standard form: $6x - 7y = -1$

Slope-intercept form: $y = \frac{6}{7}x + \frac{1}{7}$

8. Standard form: $11x + 7y = -5$

Slope-intercept form: $y = -\frac{11}{7}x - \frac{5}{7}$

9. Standard form: $x - 4y = -1$

Slope-intercept form: $y = \frac{1}{4}x + \frac{1}{4}$

10. Standard form: $6x + 3y = 5$

Slope-intercept form: $y = -2x + \frac{5}{3}$