

## Converting Linear Equations (G)

Convert standard to slope-intercept forms.

1. Standard form:  $x - 2y = 12$

Slope-intercept form: \_\_\_\_\_

2. Standard form:  $4x - 8y = 3$

Slope-intercept form: \_\_\_\_\_

3. Standard form:  $7x + y = -1$

Slope-intercept form: \_\_\_\_\_

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

Slope-intercept form: \_\_\_\_\_

5. Standard form:  $2x - 6y = -11$

Slope-intercept form: \_\_\_\_\_

6. Standard form:  $9x + 6y = 7$

Slope-intercept form: \_\_\_\_\_

7. Standard form:  $8x - 7y = -6$

Slope-intercept form: \_\_\_\_\_

8. Standard form:  $9x - 2y = 11$

Slope-intercept form: \_\_\_\_\_

9. Standard form:  $3x - 9y = -12$

Slope-intercept form: \_\_\_\_\_

10. Standard form:  $12x - 12y = 5$

Slope-intercept form: \_\_\_\_\_

## Converting Linear Equations (G) Answers

Convert standard to slope-intercept forms.

1. Standard form:  $x - 2y = 12$

Slope-intercept form:  $y = \frac{1}{2}x - 6$

2. Standard form:  $4x - 8y = 3$

Slope-intercept form:  $y = \frac{1}{2}x - \frac{3}{8}$

3. Standard form:  $7x + y = -1$

Slope-intercept form:  $y = -7x - 1$

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

Slope-intercept form:  $y = -\frac{5}{6}x + \frac{5}{3}$

5. Standard form:  $2x - 6y = -11$

Slope-intercept form:  $y = \frac{1}{3}x + \frac{11}{6}$

6. Standard form:  $9x + 6y = 7$

Slope-intercept form:  $y = -\frac{3}{2}x + \frac{7}{6}$

7. Standard form:  $8x - 7y = -6$

Slope-intercept form:  $y = \frac{8}{7}x + \frac{6}{7}$

8. Standard form:  $9x - 2y = 11$

Slope-intercept form:  $y = \frac{9}{2}x - \frac{11}{2}$

9. Standard form:  $3x - 9y = -12$

Slope-intercept form:  $y = \frac{1}{3}x + \frac{4}{3}$

10. Standard form:  $12x - 12y = 5$

Slope-intercept form:  $y = x - \frac{5}{12}$