

## Converting Linear Equations (C)

Convert standard to slope-intercept forms.

1. Standard form:  $x - 9y = 7$

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

2. Standard form:  $12x + 10y = 3$

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

3. Standard form:  $6x - 8y = -11$

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

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

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

5. Standard form:  $10x - 12y = -4$

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

6. Standard form:  $4x + 12y = -6$

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

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

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

8. Standard form:  $9x + 4y = -4$

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

9. Standard form:  $6x - 3y = 6$

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

10. Standard form:  $9x - 10y = -12$

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

## Converting Linear Equations (C) Answers

Convert standard to slope-intercept forms.

1. Standard form:  $x - 9y = 7$

Slope-intercept form:  $y = \frac{1}{9}x - \frac{7}{9}$

2. Standard form:  $12x + 10y = 3$

Slope-intercept form:  $y = -\frac{6}{5}x + \frac{3}{10}$

3. Standard form:  $6x - 8y = -11$

Slope-intercept form:  $y = \frac{3}{4}x + \frac{11}{8}$

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

Slope-intercept form:  $y = -8x - 5$

5. Standard form:  $10x - 12y = -4$

Slope-intercept form:  $y = \frac{5}{6}x + \frac{1}{3}$

6. Standard form:  $4x + 12y = -6$

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

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

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

8. Standard form:  $9x + 4y = -4$

Slope-intercept form:  $y = -\frac{9}{4}x - 1$

9. Standard form:  $6x - 3y = 6$

Slope-intercept form:  $y = 2x - 2$

10. Standard form:  $9x - 10y = -12$

Slope-intercept form:  $y = \frac{9}{10}x + \frac{6}{5}$