

## Converting Linear Equations (G)

Convert slope-intercept to standard forms.

1. Slope-intercept form:  $y = \frac{1}{10}x - \frac{3}{5}$

Standard form: \_\_\_\_\_

2. Slope-intercept form:  $y = -\frac{5}{7}x - 1$

Standard form: \_\_\_\_\_

3. Slope-intercept form:  $y = -7x - 6$

Standard form: \_\_\_\_\_

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

Standard form: \_\_\_\_\_

5. Slope-intercept form:  $y = -\frac{8}{9}x + \frac{1}{3}$

Standard form: \_\_\_\_\_

6. Slope-intercept form:  $y = -\frac{6}{5}x - \frac{7}{5}$

Standard form: \_\_\_\_\_

7. Slope-intercept form:  $y = \frac{2}{11}x - \frac{3}{11}$

Standard form: \_\_\_\_\_

8. Slope-intercept form:  $y = -x + \frac{7}{11}$

Standard form: \_\_\_\_\_

9. Slope-intercept form:  $y = \frac{4}{3}x - \frac{5}{3}$

Standard form: \_\_\_\_\_

10. Slope-intercept form:  $y = -\frac{7}{5}x - \frac{8}{5}$

Standard form: \_\_\_\_\_

## Converting Linear Equations (G) Answers

Convert slope-intercept to standard forms.

1. Slope-intercept form:  $y = \frac{1}{10}x - \frac{3}{5}$

Standard form:  $x - 10y = 6$

2. Slope-intercept form:  $y = -\frac{5}{7}x - 1$

Standard form:  $5x + 7y = -7$

3. Slope-intercept form:  $y = -7x - 6$

Standard form:  $7x + y = -6$

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

Standard form:  $3x - 7y = -3$

5. Slope-intercept form:  $y = -\frac{8}{9}x + \frac{1}{3}$

Standard form:  $8x + 9y = 3$

6. Slope-intercept form:  $y = -\frac{6}{5}x - \frac{7}{5}$

Standard form:  $6x + 5y = -7$

7. Slope-intercept form:  $y = \frac{2}{11}x - \frac{3}{11}$

Standard form:  $2x - 11y = 3$

8. Slope-intercept form:  $y = -x + \frac{7}{11}$

Standard form:  $11x + 11y = 7$

9. Slope-intercept form:  $y = \frac{4}{3}x - \frac{5}{3}$

Standard form:  $4x - 3y = 5$

10. Slope-intercept form:  $y = -\frac{7}{5}x - \frac{8}{5}$

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