

## Converting Linear Equations (F)

Convert slope-intercept to standard forms.

1. Slope-intercept form:  $y = 2x - 1$

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

2. Slope-intercept form:  $y = \frac{8}{11}x - \frac{9}{11}$

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

3. Slope-intercept form:  $y = \frac{9}{7}x + \frac{2}{7}$

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

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

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

5. Slope-intercept form:  $y = x + 2$

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

6. Slope-intercept form:  $y = -\frac{7}{9}x - \frac{4}{9}$

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

7. Slope-intercept form:  $y = \frac{3}{7}x + 1$

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

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

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

9. Slope-intercept form:  $y = -4x - 6$

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

10. Slope-intercept form:  $y = \frac{7}{10}x - \frac{1}{5}$

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

## Converting Linear Equations (F) Answers

Convert slope-intercept to standard forms.

1. Slope-intercept form:  $y = 2x - 1$

Standard form:  $2x - y = 1$

2. Slope-intercept form:  $y = \frac{8}{11}x - \frac{9}{11}$

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

3. Slope-intercept form:  $y = \frac{9}{7}x + \frac{2}{7}$

Standard form:  $9x - 7y = -2$

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

Standard form:  $11x - 12y = 11$

5. Slope-intercept form:  $y = x + 2$

Standard form:  $x - y = -2$

6. Slope-intercept form:  $y = -\frac{7}{9}x - \frac{4}{9}$

Standard form:  $7x + 9y = -4$

7. Slope-intercept form:  $y = \frac{3}{7}x + 1$

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

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

Standard form:  $x + 11y = 3$

9. Slope-intercept form:  $y = -4x - 6$

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

10. Slope-intercept form:  $y = \frac{7}{10}x - \frac{1}{5}$

Standard form:  $7x - 10y = 2$