

## Converting Linear Equations (B)

Convert slope-intercept to standard forms.

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

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

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

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

3. Slope-intercept form:  $y = \frac{1}{12}x + \frac{1}{3}$

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

4. Slope-intercept form:  $y = -9x + 10$

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

5. Slope-intercept form:  $y = 9x - 7$

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

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

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

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

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

8. Slope-intercept form:  $y = -\frac{9}{11}x - \frac{7}{11}$

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

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

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

10. Slope-intercept form:  $y = x + 6$

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

## Converting Linear Equations (B) Answers

Convert slope-intercept to standard forms.

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

Standard form:  $12x + 2y = -3$

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

Standard form:  $4x - 7y = 6$

3. Slope-intercept form:  $y = \frac{1}{12}x + \frac{1}{3}$

Standard form:  $x - 12y = -4$

4. Slope-intercept form:  $y = -9x + 10$

Standard form:  $9x + y = 10$

5. Slope-intercept form:  $y = 9x - 7$

Standard form:  $9x - y = 7$

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

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

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

Standard form:  $x - 8y = -12$

8. Slope-intercept form:  $y = -\frac{9}{11}x - \frac{7}{11}$

Standard form:  $9x + 11y = -7$

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

Standard form:  $x + 2y = 1$

10. Slope-intercept form:  $y = x + 6$

Standard form:  $x - y = -6$