

Converting Linear Equations (J)

Convert slope-intercept to standard forms.

1. Slope-intercept form: $y = 7x + 2$

Standard form: _____

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

Standard form: _____

3. Slope-intercept form: $y = \frac{6}{5}x + \frac{11}{5}$

Standard form: _____

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

Standard form: _____

5. Slope-intercept form: $y = -\frac{2}{3}x - \frac{1}{9}$

Standard form: _____

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

Standard form: _____

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

Standard form: _____

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

Standard form: _____

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

Standard form: _____

10. Slope-intercept form: $y = -\frac{11}{3}x + \frac{5}{3}$

Standard form: _____

Converting Linear Equations (J) Answers

Convert slope-intercept to standard forms.

1. Slope-intercept form: $y = 7x + 2$

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

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

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

3. Slope-intercept form: $y = \frac{6}{5}x + \frac{11}{5}$

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

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

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

5. Slope-intercept form: $y = -\frac{2}{3}x - \frac{1}{9}$

Standard form: $6x + 9y = -1$

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

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

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

Standard form: $3x + 6y = -1$

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

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

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

Standard form: $5x + 2y = -5$

10. Slope-intercept form: $y = -\frac{11}{3}x + \frac{5}{3}$

Standard form: $11x + 3y = 5$