

Converting Linear Equations (E)

Convert between standard and slope-intercept forms.

1. Standard form: _____

Slope-intercept form: $y = \frac{3}{4}x + \frac{1}{4}$

2. Standard form: _____

Slope-intercept form: $y = \frac{5}{11}x - \frac{12}{11}$

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

Slope-intercept form: _____

4. Standard form: $6x + 8y = 7$

Slope-intercept form: _____

5. Standard form: $2x - 2y = -1$

Slope-intercept form: _____

6. Standard form: _____

Slope-intercept form: $y = x - \frac{11}{10}$

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

Slope-intercept form: _____

8. Standard form: _____

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

9. Standard form: _____

Slope-intercept form: $y = \frac{5}{3}x - \frac{7}{3}$

10. Standard form: _____

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

Converting Linear Equations (E) Answers

Convert between standard and slope-intercept forms.

1. Standard form: $3x - 4y = -1$

Slope-intercept form: $y = \frac{3}{4}x + \frac{1}{4}$

2. Standard form: $5x - 11y = 12$

Slope-intercept form: $y = \frac{5}{11}x - \frac{12}{11}$

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

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

4. Standard form: $6x + 8y = 7$

Slope-intercept form: $y = -\frac{3}{4}x + \frac{7}{8}$

5. Standard form: $2x - 2y = -1$

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

6. Standard form: $10x - 10y = 11$

Slope-intercept form: $y = x - \frac{11}{10}$

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

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

8. Standard form: $7x - 4y = 3$

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

9. Standard form: $5x - 3y = 7$

Slope-intercept form: $y = \frac{5}{3}x - \frac{7}{3}$

10. Standard form: $6x + 2y = -11$

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