

Converting Linear Equations (A)

Convert between standard and slope-intercept forms.

1. Standard form: _____

Slope-intercept form: $y = -4x - 3$

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

Slope-intercept form: _____

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

Slope-intercept form: _____

4. Standard form: $5x + y = 6$

Slope-intercept form: _____

5. Standard form: _____

Slope-intercept form: $y = -\frac{10}{7}x + \frac{3}{7}$

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

Slope-intercept form: _____

7. Standard form: _____

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

8. Standard form: _____

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

9. Standard form: _____

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

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

Slope-intercept form: _____

Converting Linear Equations (A) Answers

Convert between standard and slope-intercept forms.

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

Slope-intercept form: $y = -4x - 3$

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

Slope-intercept form: $y = \frac{1}{7}x - \frac{9}{7}$

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

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

4. Standard form: $5x + y = 6$

Slope-intercept form: $y = -5x + 6$

5. Standard form: $10x + 7y = 3$

Slope-intercept form: $y = -\frac{10}{7}x + \frac{3}{7}$

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

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

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

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

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

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

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

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

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

Slope-intercept form: $y = 5x - 1$