

Converting Linear Equations (I)

Convert standard to slope-intercept forms.

1. Standard form: $3x - 3y = 12$

Slope-intercept form: _____

2. Standard form: $x - 11y = -3$

Slope-intercept form: _____

3. Standard form: $x - 11y = 3$

Slope-intercept form: _____

4. Standard form: $9x + 10y = -1$

Slope-intercept form: _____

5. Standard form: $2x - 9y = 1$

Slope-intercept form: _____

6. Standard form: $4x + 8y = 3$

Slope-intercept form: _____

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

Slope-intercept form: _____

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

Slope-intercept form: _____

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

Slope-intercept form: _____

10. Standard form: $4x - 6y = -6$

Slope-intercept form: _____

Converting Linear Equations (I) Answers

Convert standard to slope-intercept forms.

1. Standard form: $3x - 3y = 12$

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

2. Standard form: $x - 11y = -3$

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

3. Standard form: $x - 11y = 3$

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

4. Standard form: $9x + 10y = -1$

Slope-intercept form: $y = -\frac{9}{10}x - \frac{1}{10}$

5. Standard form: $2x - 9y = 1$

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

6. Standard form: $4x + 8y = 3$

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

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

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

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

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

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

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

10. Standard form: $4x - 6y = -6$

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