

Converting Linear Equations (F)

Convert standard to slope-intercept forms.

1. Standard form: $x - 3y = 5$

Slope-intercept form: _____

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

Slope-intercept form: _____

3. Standard form: $3x - 5y = -1$

Slope-intercept form: _____

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

Slope-intercept form: _____

5. Standard form: $6x + 6y = 9$

Slope-intercept form: _____

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

Slope-intercept form: _____

7. Standard form: $10x + 2y = 12$

Slope-intercept form: _____

8. Standard form: $x + 12y = -5$

Slope-intercept form: _____

9. Standard form: $7x - 2y = 5$

Slope-intercept form: _____

10. Standard form: $6x + 9y = 7$

Slope-intercept form: _____

Converting Linear Equations (F) Answers

Convert standard to slope-intercept forms.

1. Standard form: $x - 3y = 5$

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

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

Slope-intercept form: $y = -\frac{2}{5}x - \frac{1}{10}$

3. Standard form: $3x - 5y = -1$

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

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

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

5. Standard form: $6x + 6y = 9$

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

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

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

7. Standard form: $10x + 2y = 12$

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

8. Standard form: $x + 12y = -5$

Slope-intercept form: $y = -\frac{1}{12}x - \frac{5}{12}$

9. Standard form: $7x - 2y = 5$

Slope-intercept form: $y = \frac{7}{2}x - \frac{5}{2}$

10. Standard form: $6x + 9y = 7$

Slope-intercept form: $y = -\frac{2}{3}x + \frac{7}{9}$