Converting Linear Equations (A)

Convert standard to slope-intercept forms.

1. Standard form: $10x - 7y = -8$

   Slope-intercept form: _____

2. Standard form: $8x + y = 9$

   Slope-intercept form: _____

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

   Slope-intercept form: _____

4. Standard form: $4x + 3y = 9$

   Slope-intercept form: _____

5. Standard form: $3x + 12y = -8$

   Slope-intercept form: _____

6. Standard form: $x + 2y = -8$

   Slope-intercept form: _____

7. Standard form: $11x - 8y = 3$

   Slope-intercept form: _____

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

   Slope-intercept form: _____

9. Standard form: $10x - 12y = -4$

   Slope-intercept form: _____

10. Standard form: $3x - y = 9$

    Slope-intercept form: _____

Converting Linear Equations (A) Answers

Convert standard to slope-intercept forms.

1. Standard form: $10x - 7y = -8$

   Slope-intercept form: $y = \frac{10}{7}x + \frac{8}{7}$

2. Standard form: $8x + y = 9$

   Slope-intercept form: $y = -8x + 9$

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

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

4. Standard form: $4x + 3y = 9$

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

5. Standard form: $3x + 12y = -8$

   Slope-intercept form: $y = -\frac{1}{4}x - \frac{2}{3}$

6. Standard form: $x + 2y = -8$

   Slope-intercept form: $y = -\frac{1}{2}x - 4$

7. Standard form: $11x - 8y = 3$

   Slope-intercept form: $y = \frac{11}{8}x - \frac{3}{8}$

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

   Slope-intercept form: $y = -\frac{4}{5}x + \frac{4}{5}$

9. Standard form: $10x - 12y = -4$

   Slope-intercept form: $y = \frac{5}{6}x + \frac{1}{3}$

10. Standard form: $3x - y = 9$

    Slope-intercept form: $y = 3x - 9$