

## Converting Linear Equations (H)

Convert standard to slope-intercept forms.

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

Slope-intercept form: \_\_\_\_\_

2. Standard form:  $9x - 7y = 6$

Slope-intercept form: \_\_\_\_\_

3. Standard form:  $9x + 11y = -4$

Slope-intercept form: \_\_\_\_\_

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

Slope-intercept form: \_\_\_\_\_

5. Standard form:  $8x + 2y = 7$

Slope-intercept form: \_\_\_\_\_

6. Standard form:  $3x + 6y = 9$

Slope-intercept form: \_\_\_\_\_

7. Standard form:  $5x - 12y = -5$

Slope-intercept form: \_\_\_\_\_

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

Slope-intercept form: \_\_\_\_\_

9. Standard form:  $9x + 12y = -12$

Slope-intercept form: \_\_\_\_\_

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

Slope-intercept form: \_\_\_\_\_

## Converting Linear Equations (H) Answers

Convert standard to slope-intercept forms.

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

Slope-intercept form:  $y = \frac{12}{5}x + \frac{8}{5}$

2. Standard form:  $9x - 7y = 6$

Slope-intercept form:  $y = \frac{9}{7}x - \frac{6}{7}$

3. Standard form:  $9x + 11y = -4$

Slope-intercept form:  $y = -\frac{9}{11}x - \frac{4}{11}$

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

Slope-intercept form:  $y = -\frac{10}{7}x + \frac{6}{7}$

5. Standard form:  $8x + 2y = 7$

Slope-intercept form:  $y = -4x + \frac{7}{2}$

6. Standard form:  $3x + 6y = 9$

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

7. Standard form:  $5x - 12y = -5$

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

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

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

9. Standard form:  $9x + 12y = -12$

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

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

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