

Unit 2, Day 5 Developing HW Converting Between Forms of Linear Functions

Directions: Convert between Standard Form and Slope Intercept Form (and back again!). Choose at least 8 from each set. If you don't know what I am asking you to do, go back and watch the videos that are posted for Day 5.

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: _____

Convert slope-intercept to standard forms.

1. Slope-intercept form: $y = -\frac{11}{10}x - 1$

Standard form: _____

2. Slope-intercept form: $y = -2x - 9$

Standard form: _____

3. Slope-intercept form: $y = -\frac{7}{5}x - \frac{1}{5}$

Standard form: _____

4. Slope-intercept form: $y = \frac{7}{12}x + \frac{3}{4}$

Standard form: _____

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

Standard form: _____

6. Slope-intercept form: $y = -\frac{7}{6}x - \frac{5}{6}$

Standard form: _____

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

Standard form: _____

8. Slope-intercept form: $y = -\frac{6}{5}x - \frac{7}{5}$

Standard form: _____

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

Standard form: _____

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

Standard form: _____