

Given an equation in standard form, write it in slope intercept form. Given an equation in slope-intercept form, write it in standard form. Standard:  $AX + BY = C$

Slope-Intercept Form:  $Y = MX + B$

1.  $5x + 2y = 8$

2.  $y = \frac{1}{2}x - 5$

3.  $8x + 2 = y$

4.  $6x - 3y = 9$

5.  $y = \frac{2}{3}x - 14$

6.  $7 = 5y + 2x$

7.  $\frac{3}{2}x - 10 = y$

8.  $y = \frac{7}{8}x - 8$

9.  $8x + 8y = 64$

10.  $x + 2y = 14$

11. Graph the following equations on the coordinate plane provided. Label each line with its letter.

A.  $2x + 3y = 12$

B.  $4x - 2y = 10$

C.  $2x - 2y = 6$

D.  $8x + 4y = 16$

E.  $10x + 15y = -30$

