

8.3 Standard & Slope-Intercept Form

Rewrite the following equations into **Standard** form. Find the x-intercept, y-intercept, and slope for each equation.

1) $2y + 4x = -20$

x-intercept:

y-intercept:

slope:

2) $3y = 4x - 12$

x-intercept:

y-intercept:

slope:

3) $-6x + 2y = 6$

x-intercept:

y-intercept:

slope:

4) $18 = 4x + y$

x-intercept:

y-intercept:

slope:

5) $10 - 2y = 20x$

x-intercept:

y-intercept:

slope:

6) $6 + 3x = 9y$

x-intercept:

y-intercept:

slope:

Write in **Slope-Intercept form**. Determine the slope and intercepts.

7) $6x - 2y = 12$

x-intercept:

y-intercept:

slope:

8) $y = -3x + 3$

x-intercept:

y-intercept:

slope:

9) $4y - 12 = 3x$

x-intercept:

y-intercept:

slope:

10) $y + x = 2$

x-intercept:

y-intercept:

slope:

11) $3x - 6 = 4y$

x-intercept:

y-intercept:

slope:

12) $8y - 16 = 32x$

x-intercept:

y-intercept:

slope: