

Slope – Intercept Form

$$y = mx + b$$

Write the equation in slope-intercept form. Then give the slope and the y-intercept.

2. $2x + y = 4$

Slope-Intercept Form_____

Slope_____y-intercept_____

1. $-2y = 4x + 5$

Slope-Intercept Form_____

Slope_____y-intercept_____

4. $9 - 3y = 3x$

Slope-Intercept Form_____

Slope_____y-intercept_____

3. $2y - 4x + 6 = 0$

Slope-Intercept Form_____

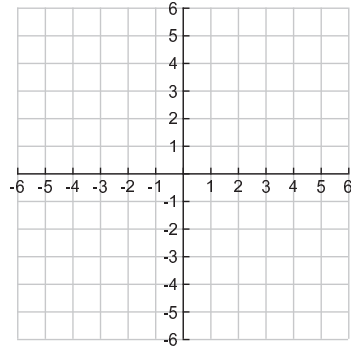
Slope_____y-intercept_____

Graph the line whose slope and y-intercept are given.

7.

$$m = 2$$

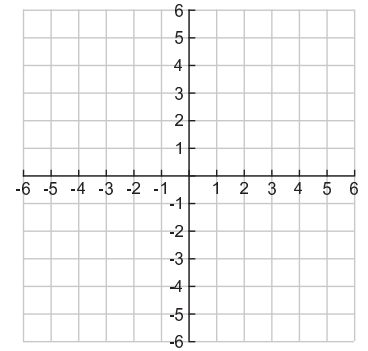
$$b = 3$$



8.

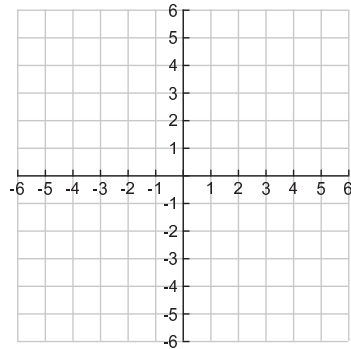
$$m = 0$$

$$b = 5$$

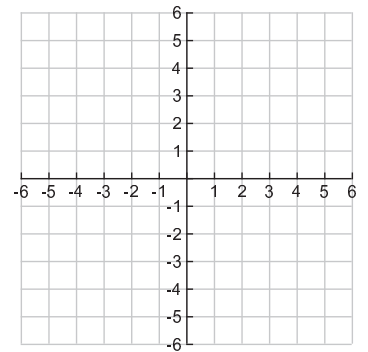


Use the slope and the y-intercept to graph each line.

7. $y = 5x - 6$



8. $4y = 5x + 12$



Parallel Lines

Determine if the pair of lines are parallel.

9.

$$3x - 2y = 2$$

$$6x = 4y - 9$$

10.

$$x - 3y = 4$$

$$6y + 2x = 8$$