

GRAPHING LINES USING SLOPE-INTERCEPT FORM

$$y = mx + b$$

slope

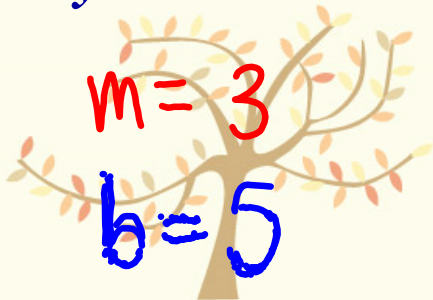
y-intercept

point on
the
y-axis

Find the slope and y-intercept of each equation.

1. $y = 3x + 5$

$m = 3$
 $b = 5$



2. $y = \frac{1}{2}x - 4$

$m = \frac{1}{2}$
 $b = -4$

3. $2x + y = 7$

4. $6x + 3y = -9$

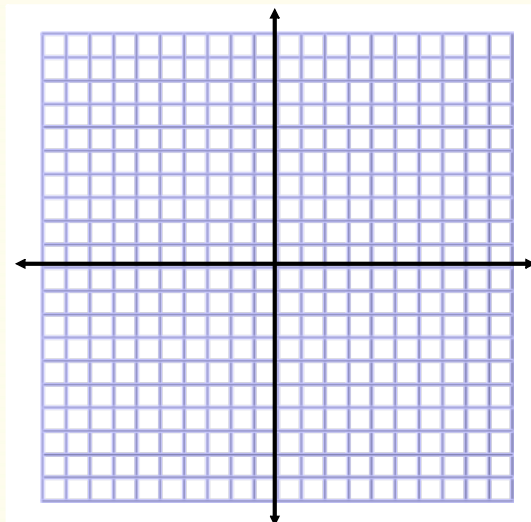
5. $3x + 4y = 8$

6. $5x - 3y = 6$



Graph the equation using slope-intercept form.

9. $2x + 3y = 12$



Graph the equation using slope-intercept form.

10. $-3x + 5y + 5 = 0$

