

Name _____
Date _____

How Do We Write An Equation In Slope-Intercept Form?

$$y = mx + b$$

1) Write the slope-intercept form of the equation of each line.

(a) $x + y = 10$

(b) $5x + y = 25$

(c) $2y - 8x = 14$

(d) $2y - 3x = -16$

(e) $9x - 7y = -7$

(f) $x - 3y = 6$

(g) $6x + 5y = -15$

(h) $4x - y = 1$

2) Find the slope and y-intercept of each line.

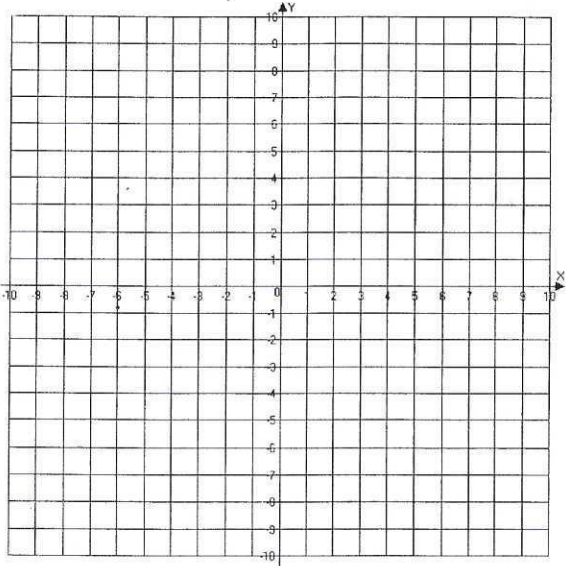
(a) $y = -\frac{5}{2}x - 5$

(b) $x + 2y = -8$

(c) $4x - 3y = 9$

3) Rewrite the following equations in slope-intercept form first. THEN graph the equations using the slope and the y-intercept.

(a) $2y = -3x + 4$



(b) $-4y + 3x = 4$

