

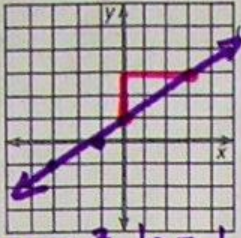
Slope-Intercept Form

Name: _____

Date: _____

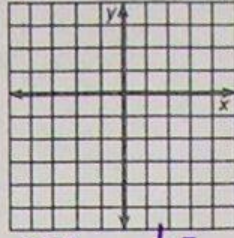
Use the slope and y-intercept to graph each equation below.

① $y = \frac{2}{3}x + 1$



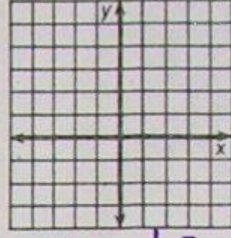
$m = \frac{2}{3}$ $b = 1$

② $y = \frac{1}{2}x - 3$



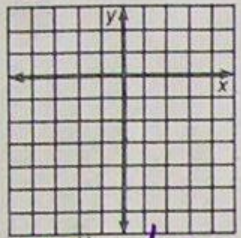
$m =$ $b =$

③ $y = -\frac{3}{4}x + 2$



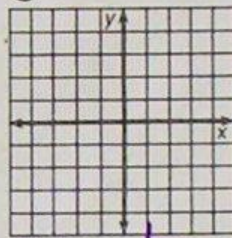
$m =$ $b =$

④ $y = 2x - 4$



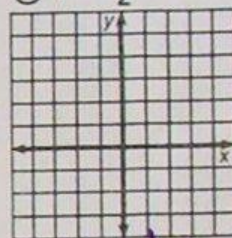
$m =$ $b =$

⑤ $y = -3x - 1$



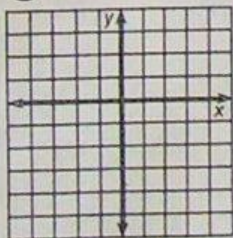
$m =$ $b =$

⑥ $y = -\frac{3}{2}x + 3$



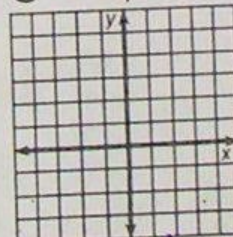
$m =$ $b =$

⑦ $y = 4x - 2$



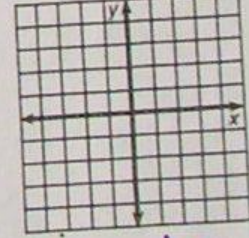
$m =$ $b =$

⑧ $y = -\frac{1}{4}x + 2$



$m =$ $b =$

⑨ $y = \frac{5}{3}x$



$m =$ $b =$

Write each equation below in slope-intercept form. Then find the slope and y-intercept.

ⓐ $2x + 5y = 10$

Ⓤ $-7x - 4y = 16$

Ⓝ $4x + 3y = 9$

Ⓡ $4x - 2y = 7$

Ⓝ $5x - 8y = -7$

Ⓛ $-2x + 3y = -21$

Ⓢ $9x + 3y = 1$

ⓕ $-2x + 7y = 0$

Ⓢ $-x + 4y = 20$

Ⓢ $6x - y = 4$

Ⓣ $12x = 2y + 1$

ⓗ $4x - 8y + 3 = 0$

ⓐ $3x - 5y = 5$

ⓖ $4x + 3y = 8$

ⓕ $x + 4 = 4y$

Ⓥ $y - 2 = 0$

Show work!