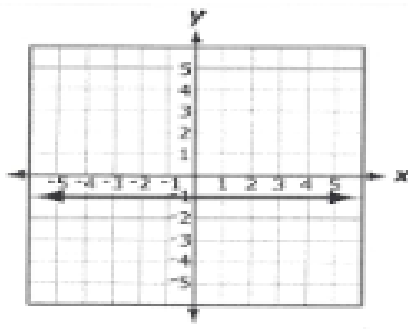
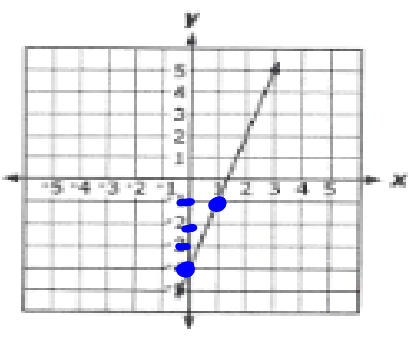
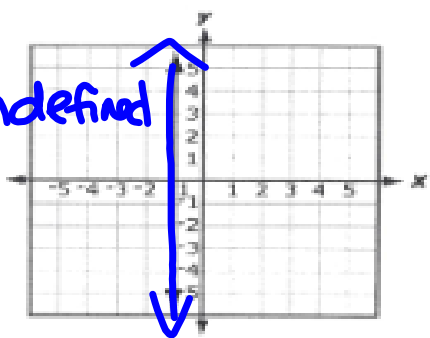


cal-



0

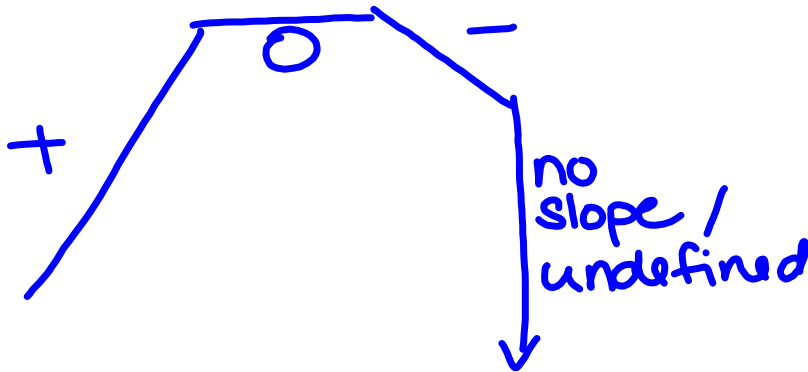


$$\frac{3}{1} = 3$$

$$\text{Slope} = \frac{\text{Rise}}{\text{Run}}$$

$\begin{matrix} + & - \\ \text{up/down} \\ - & + \\ \text{left/right} \end{matrix}$

Always - Reduce or Simplify if Possible



Slope-Intercept

Equation: $y = mx + b$

y-intercept: $b \Rightarrow$ "begin"
where the graph/line
crosses the y-axis.

Slope: m

$\frac{\text{rise}}{\text{run}} \Rightarrow$ Rate of
Change

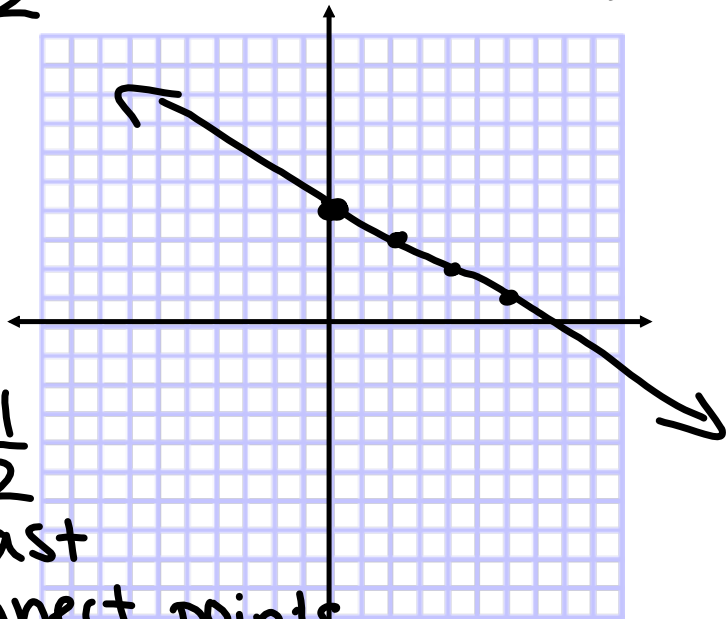
$$y = -\frac{1}{2}x + 4 \quad -\frac{1}{2}x + 4$$

1. Find the
y-intercept

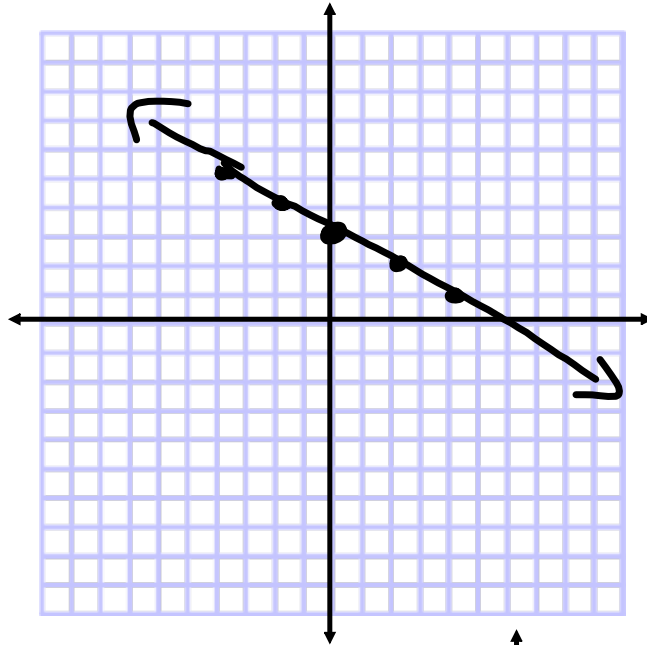
$$b = 4$$

2. Find the
Slope $m = -\frac{1}{2}$

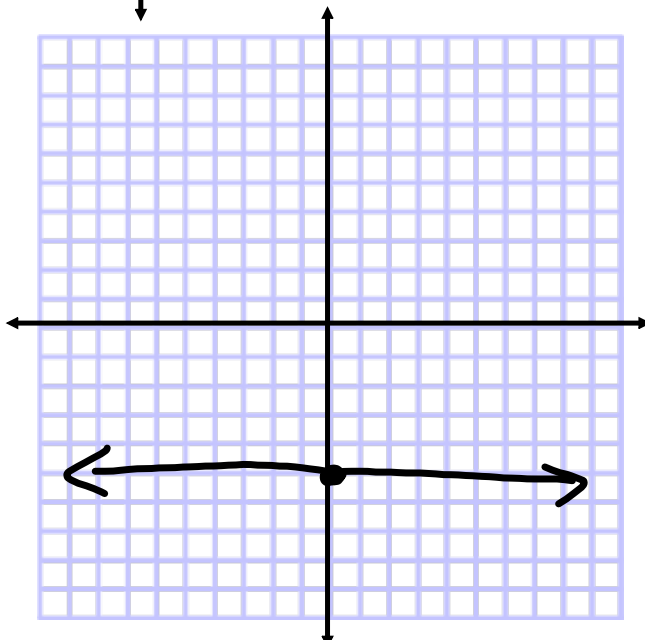
3. Plot at least
3 points; connect points



11. $m = -\frac{1}{2}$
 $b = 3$



15. Slope: 0
 y-int: -5



12, 14, 17, 18