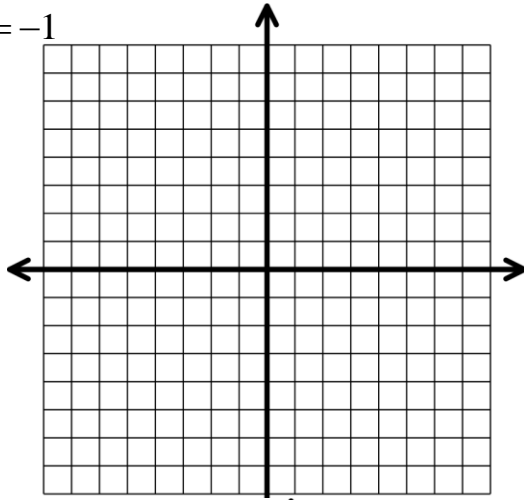


Linear Functions—Part 4

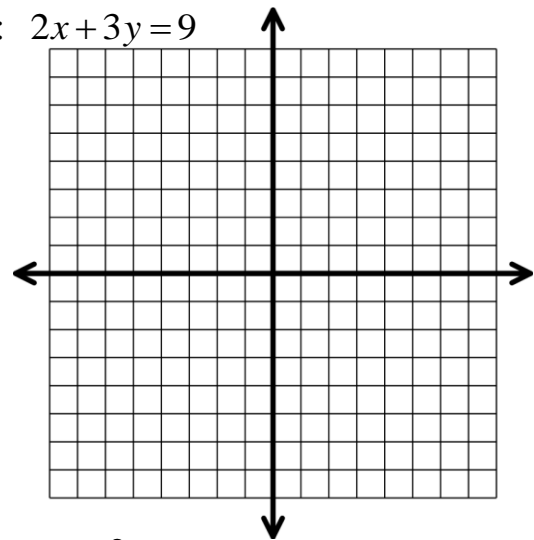
Part 4: Graphing lines using the slope and y -intercept.

1. Solve the equation for y .
2. Identify m and b .
3. Plot b on the y -axis.
4. From b , use the slope $\left(\frac{\text{rise}}{\text{run}}\right)$ to get more points.

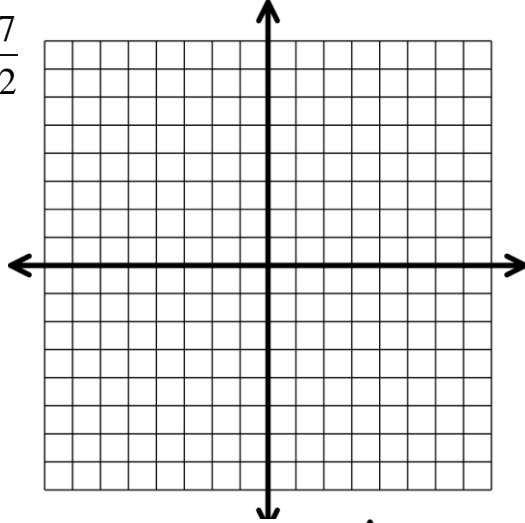
Ex. #1: $4x - y = -1$



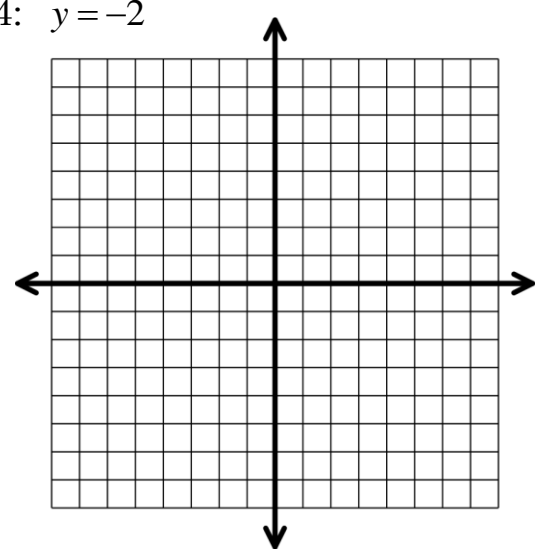
Ex. #2: $2x + 3y = 9$



Ex. #3: $y = 2x - \frac{7}{2}$



Ex. #4: $y = -2$



Ex. #5: $3x - 12 = 0$

