

8.3 Linear Functions

Name _____

Graphing linear functions

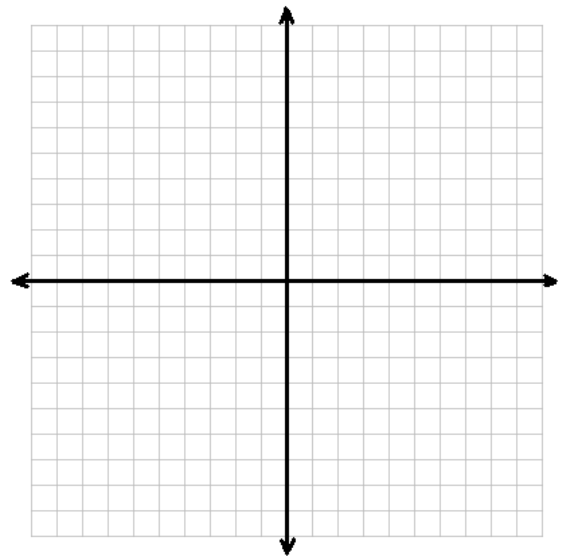
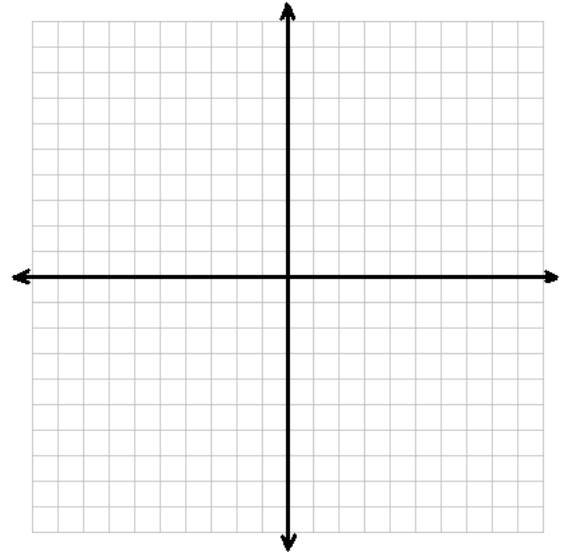
$$y = mx + b \text{ or } f(x) = mx + b$$

$$f(x) = 2x + 3$$

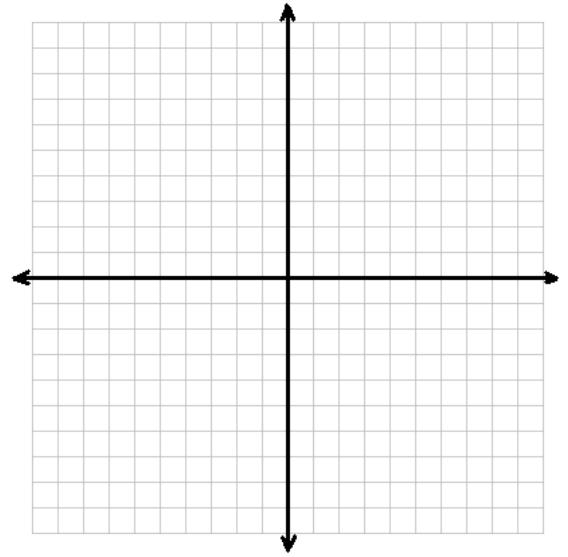
$$g(x) = -x + 1$$

$$h(x) = -\frac{1}{2}x + 6$$

$$f(x) = \frac{3}{5}x$$



$$5x + 4y = 12$$



$$4y = 12$$

$$6x + 12 = 0$$

Graphing using intercepts

$$2x - y = 8$$

Find the zero of the function

$$h(x) = -\frac{1}{2}x + 6$$