

Linear Functions – Slope Intercept Form

$$y = f(x) = mx + b$$

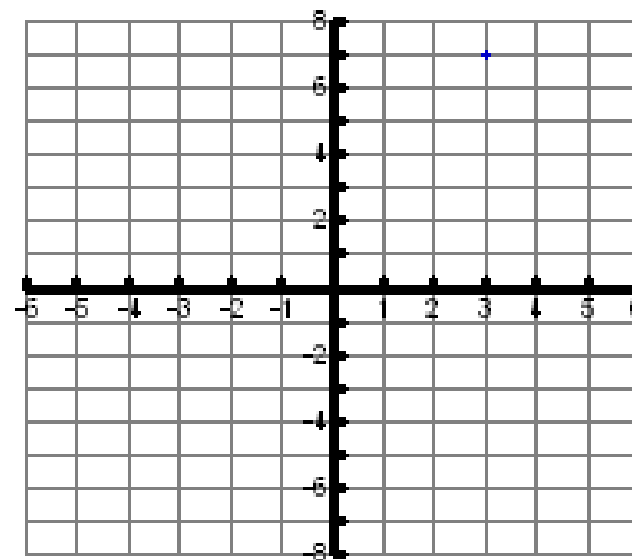
$$f(x) = \frac{2}{3}x + 5$$

Important numbers:

x	$f(x) = \frac{2}{3}x + 5$
-6	
-3	
0	
3	
6	

Describe the pattern in x and y:

The y-intercept is



Domain =

Range =

Linear Functions

$$y = f(x) = mx + b$$

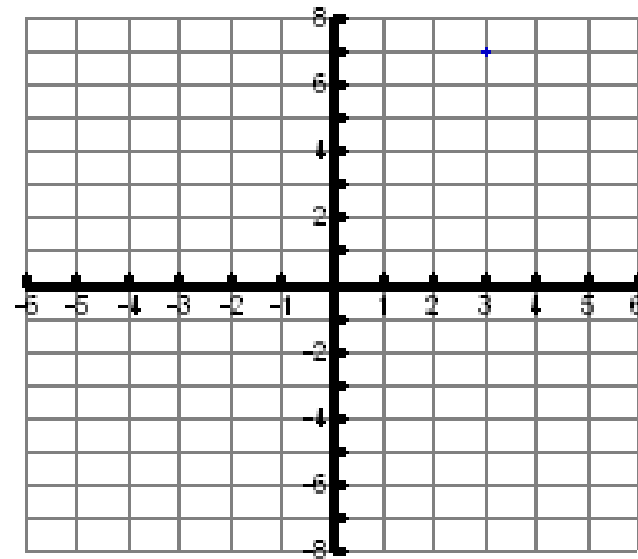
$$f(x) = \frac{-3}{2}x - 1$$

Important numbers:

x	$f(x) = \frac{-3}{2}x - 1$
-4	
-2	
0	
2	
4	

Describe the pattern in x and y:

The y-intercept is



Domain =

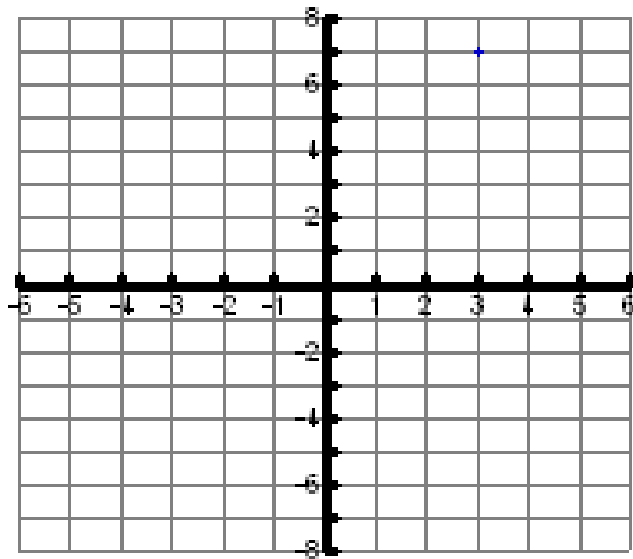
Range =

Linear Functions – Standard Form

$$ax + by = c$$

Graph $2x - 3y = 6$ using the x- and y-intercepts

x	y
0	
	0



Graph $2x - 3y = 6$ using the slope and the y-intercept (solve for y)

