Finding Zeros of a Linear Function

Name _____

Date _____ Period _____

Zeros of a Linear Function

are values of x such that $f(x) = 0$

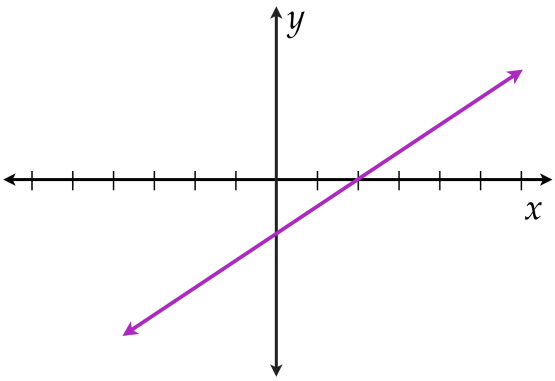
$f(x) = x + 3$

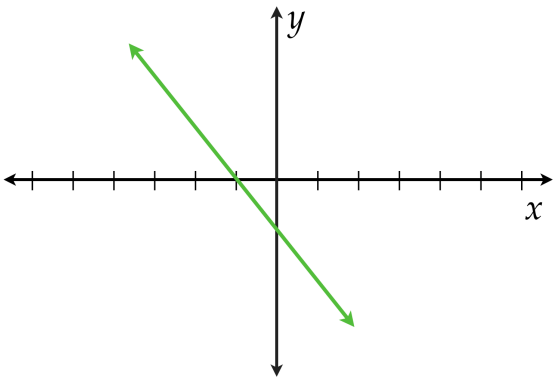
$f(x) = -2x - 8$

Zeros of a Linear Function

are values of x such that $f(x) = 0$

graphically, zeros occur at function's x-intercept(s)





Zeros of a Linear Function

are values of x such that $f(x) = 0$

graphically, zeros occur at function's x-intercept(s)

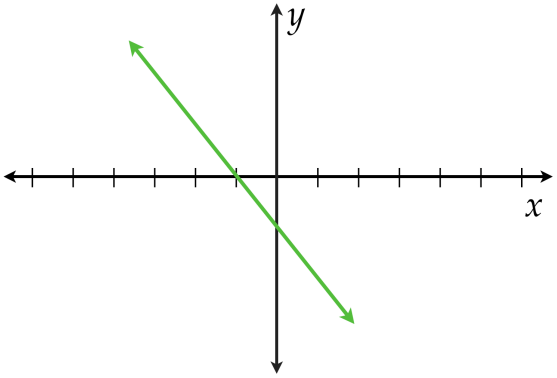
Zeros tell us when...

$f(x) > 0$;

$f(x) \geq 0$;

$f(x) < 0$;

$f(x) \leq 0$;



Zeros of a Linear Function

are values of x such that $f(x) = 0$

$f(x) = -3x + 6$

Find the zero $f(x)$ and where $f(x) \geq 0$.