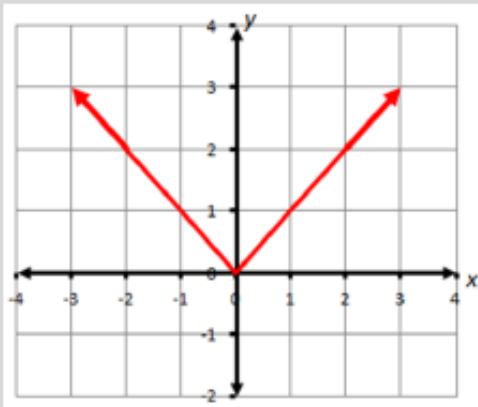


# End Behavior

The value of a function as  $x$  approaches positive or negative infinity

Examples:



As the values of  $x$  approach  $-\infty$ ,  $f(x)$  approaches  $+\infty$ .

As the values of  $x$  approach  $+\infty$ ,  $f(x)$  approaches  $+\infty$ .

As the values of  $x$  approach  $-\infty$ ,  $f(x)$  approaches 0.

As the values of  $x$  approach  $+\infty$ ,  $f(x)$  is approaches  $+\infty$ .

