

## Section 2.1 - Limits (An Intuitive Approach)

LIMITS (AN INFORMAL VIEW): *If the values of  $f(x)$  can be made as close as we like to  $L$  by taking values of  $x$  sufficiently close to  $a$  (but not equal to  $a$ ), then we write*

$$\lim_{x \rightarrow a} f(x) = L$$

*which is read "the limit of  $f(x)$  as  $x$  approaches  $a$  is  $L$ ."*