

## Precalculus

### Maxima and Minima

- A function  $f(x)$  has an absolute maximum at  $x = c$  if
  - the y-value  $f(c)$  is called the **absolute maximum value** of  $f$
  - the point  $(c, f(c))$  is called an absolute maximum point.
- A function  $f(x)$  has an absolute minimum at  $x = C$  if

