Why lands:  $\frac{0}{0}$   $\frac{1}{0}$   $\frac{1}$ 

Many functions have DSP (direct substitution property) on their domains. lim f(x) = f(a) rational functions (beware o) · exponentia

Limits don't core about one point:

$$\lim_{X \to 0} \frac{x^2 - x}{x} = \lim_{X \to 0} x - 1$$

$$= 0 - 1$$