

## Functions and derivatives

The house of calculus (extended version)

$f$  + 0 - ↗ - ↘  $\cup \approx \cap$

$f'$  + 0 - ↗ - ↘

$f''$  + 0 -

↑ ↑ ↑  
inc. crit. dec.

↑ ↑  
Conc up Conc down