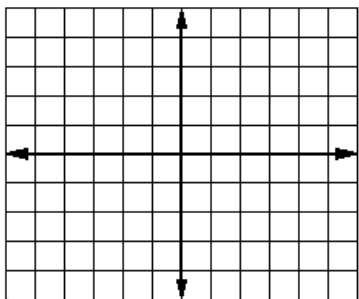
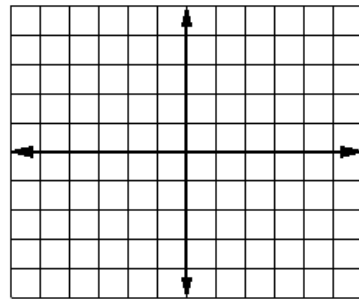


Evens, Odds, Increasing, Decreasing, Local, Absolute

A function is even if



A function is odd if

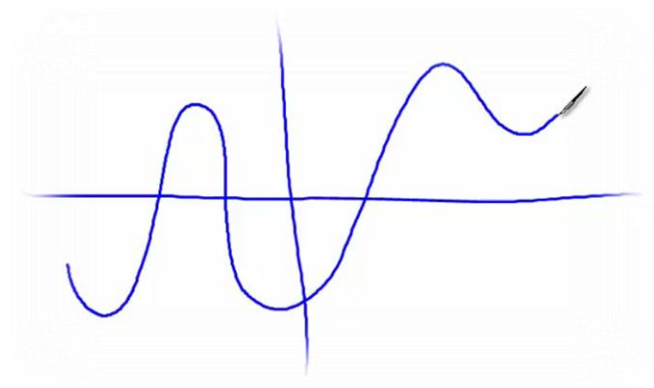


A function is increasing on an open interval if

A function is decreasing on an open interval if

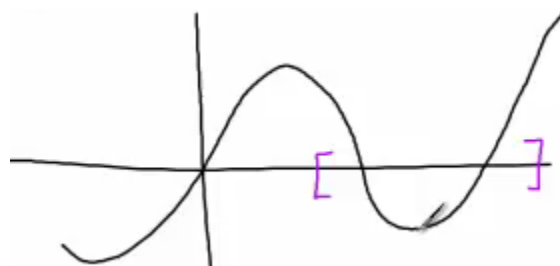
A function is constant if

Local Maximum occurs in an open interval if



Local Minimum occurs in an open interval if

An Absolute Minimum occurs when



Extreme Value Theorem

If f is a continuous function whose domain is a closed interval $[a, b]$, then