Finding Intervals where a Function Increases and Decreases and

Finding Relative Extrema using the First Derivative Test

Notes and Practice Assignment

1. Watch [tutorial video](http://youtu.be/t-bIiKKLEjQ).
2. What are the critical values of a function?
3. How do you find the intervals where a function increases or decreases?
4. How do you find the relative extrema of a function?
5. For each of the following problems write the Increasing / Decreasing Intervals in Interval Notation and find the coordinates of all Relative Mins and Relative Maxes: Pg. 189: 2 - 18 even