

## Week's Objectives, Deadlines, etc

**Reminder:** You must show work to receive credit for your homework. Answers alone will result in a maximum score of 50%

**Reminder:** Late homework assignments are penalized 10% for every day they are late.

**Reminder:** When the tardy bell rings, you must be seated, ready to start the day's lesson. If you are late for any reason, sit down quietly and get your materials out. Do NOT start talking to other people.

**Mon Objective:** State the Mean Value Theorem

**Work:** Sect 4.2: 1 - 13 Odd

**Tues Objective:** Using analytic methods, determine whether functions are increasing or decreasing.

**Work:** Sect 4.2: 15 - 27 Odd

**Wed Objective:** State and use the first derivative test.

**Work:** Sect 4.3: 1 - 6

**Thu Objective:** State and use the second derivative test.

**Work:** Sect 4.3: 7 - 12

**Fri Objective:** Connect the graphs of  $f$ ,  $f'$ , and  $f''$ .

**Work:** Sect 4.3: 21 - 24, 29 30, 48