

Honors Calculus, Math 1450- HW 3. Due Tuesday 22nd September

Dr Matthew Nicol, PGH 665

All section references are to Stewart 6th edition. Show all working and write your answers neatly. Staple your work.

(1) Rates of Change and Exponential Growth (Section 3.7 and 3.8)

Questions in 3.7.

10, 22, 34.

Questions in 3.8

4, 18.

(2) Related Rates (Section 3.9)

Questions in 3.9.

4, 10, 22, 40.

(3) Maximum and Minimum Values (Section 4.1)

Questions in 4.1:

10, 12, 14, 48, 52, 56, 60, 62, 70, 76, 78