

Calculus:

Homework
11/6-11/10

due: Wednesday: read pp. 214-219, 226

1. pg. 219 / #2, 4, 5, 9, 11, 24
2. pg. 227 / #2, 3, 5, 8, 9, 11, 13, 14

Thursday:

1. pg. 227 / #24, 25, 31, 36, 53, 55, 57
2. If $y = \tan^3(7x + 1)$, find $\frac{d^2y}{dx^2}$.
3. Find $\frac{dy}{dx}$ if $x = t - \sin t$ and $y = 1 - \cos t$.
4. Write an equation of the normal line to the curve $y = \sin 6x$ at the origin.

Monday: read pp. 228-234

pp. 237-239 / #11, 12, 23, 35, 51, 54

on: Tuesday: test