

AP:

Homework  
10/10-10/13

due: Wednesday: read pp. 141-145

1. pg. 146 / #1, 2, 4, 6, 9

2. Find  $y'$ :

(a)  $y = \sin(5x + 7)$

(e)  $y = \csc(x^2 + 7x)$

(b)  $y = \cos(-\frac{x}{3})$

(f)  $y = 5\cot(\frac{2}{x})$

(c)  $y = \tan(2x - x^3)$

(g)  $y = \cos(\sin 9x)$

(d)  $y = x \sec(3 - 8x)$

(h)  $y = \tan 4$

Thursday:

1. pp. 146-147 / #29, 30, 48, 49

2. pg. 153 / #14, 17, 21, 31

3. pg. 155 / #73

4. pg. 156 / #1, 2, 3

Friday: read pp. 157-160

pp. 162-164 / #2, 8, 21, 59, 61, 62

Monday: read pp. 161-163

pp. 162-163 / #32, 34, 36, 37, 38, 39, 40, 41, 42, 43