

Math 1400
Homework 2
Due Feb 2

1. Problem Nos.6 and 8 from Text book Page 555.
2. Problem Nos.8, 9 and 10 from Text book Page 566.
3. Problem Nos.12, 13 and 14 from Text book Page 566.
4. Problem Nos.16, 18 and 20 from Text book Page 566.

For the following problems, use the four-step process to find $f'(x)$, and then find $f'(1)$, $f'(2)$, and $f'(3)$.

5. (a) $f(x) = 9$
(b) $f(x) = -7x$.
6. $f(x) = 5x - 3$.
7. $f(x) = 4 - 6x$
8. $f(x) = 3x^2 - 10$.
9. $f(x) = \frac{5}{x} - 2$.
10. $f(x) = \frac{5x}{4+x}$.