

Math 3470: HW 8

Due Friday, 10/25

Problem 8.1

Prove Theorem 4 in Section 2.2.

Hint: consider $y - y_p$. Which equation does it satisfy? Use a theorem from lecture/book.
(The proof is in the book, but first try to do it yourself.)

Problems from the book:

Section 2.3 Ex 2 b, f; 3 c, d;

Section 2.5 Ex 1 a, b, c, d, e; 2 a, b, c;