Math 1120 Homework Assignment 7

Due week of March 16, 2018

You should do the problems from the book first and check your answers to be sure you understand the methods. You are responsible to do all problems. Hand-in starred problems only.

§8.8 5, 31, 39, 65, 70*, 80*, 82*

§9.2 2, 4, 6*, 16, 24*

Other problems:

A* Find all solutions to $\frac{dy}{dx} = x\sqrt{1+y^2}$.

B* Solve $x\frac{dy}{dx} = y^2$ with initial condition $y(2) = 1$. 