

Math 1720 Homework 4, due Friday Feb 17
Explain all answers and show all calculations.

7.2: 25, 27, 33, 35, 36, 65, 77(note)

7.3: 7, 11, 12, 15, 16, 23, 25, 32, 34

Problem A.

Notes:

7.2:77: do this like the proof of the rule $\exp(x_1 + x_2) = \exp(x_1)\exp(x_2)$, given in the center of page 392.

Problem A. Find all solutions to the equations

$$e^{5x} = 4e^{x^2}$$

and

$$6^{x^3} = 5^{2x}.$$