

Math 1720 Homework 8, due Friday Mar 30.  
Explain all answers and show all calculations.

(Problems in suggested order)

8.1: 31, 24, 25, 26, 35, 36, 42, 46, 51, 69

8.2: 10, 11, 16, 17, 20, 21

Hint: in 8.1:35 and 36, use a similar method to that used for calculating  $\int \ln(x)dx$ .