

Name:

Section: 11 12 13

1. Find  $\int \frac{x-3}{(x-4)(x-5)} dx$

2. Determine how large  $n$  should be so that  $T_n$  is within  $10^{-5}$  units of  $\int_1^2 x^{2/3} dx$ . You do not have to simplify your answer.