Calculus II MTH-122

Essex County College Division of Mathematics

Sakai Web Project Practice Quiz #3

Name: ______Signature: _____

Show all work clearly and in order, and box your final answers. Justify your answers whenever possible. You have 20 minutes to take this 10 point quiz.

1. 10 points Use integration by parts to evaluate

$$\int_{1}^{2} x^{3} \ln x \, dx.$$