Answer all questions and show your work. Unsupported answers may receive *no credit.* You may not use a calculator on this quiz. Allow 15 minutes for the quiz.

Name: —————————————————————   Section: —————————————————————

1. (a) (5 points) Find the integral $\displaystyle\int \frac{x^2 - 3x + 1}{x^2 - 3x} dx$

(b) (5 points) Use the trapezoid rule and Simpson's rule to estimate the integral $\displaystyle\int_0^2 3^x dx$. For both use two steps.