

Name:

ID #:

Section:

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Q1. Find the area enclosed by

$$y = e^x \quad y = x^2 - 1 \quad x = -1 \quad x = 1$$

Q2. Find the volume of the solid obtained by rotating the region bounded by the given curves about the y axis

$$y = \ln x \text{ \& } y = 1 \text{ \& } y = 2 \text{ \& } x = 0$$

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