Math 2143 - Brief Calculus with Applications

Written Assignment 6 - Due 2017.07.16

Directions: Please answer the following question in complete sentences. Be sure to label all geometric objects in any illustrations (if any). I will accept an answer in a scanned image format, as a pdf, or as a picture taken and sent from your awesome smart phone.

Question: Research the *tabular method* for integration by parts, and write a one paragraph summary of how it works. Illustrate this method by computing the following integral:

$$\int x^9 \, e^{2x} \, dx$$