King **F**ahd **U**niversity for **P**etroleum and **M**inerals
Department of Mathematics & Statistics
Term 162   Quiz#6 (4.4, and 4.5)   Math 101 (11)

Full Name: _____   ID# _____   **Ser#** _____

Q1. Find $\lim\limits_{x \to 0} \left(\frac{8^x - 2^x}{x} \right)$.

Q2. In the grid below, sketch the curve $y = e^{-1.5x}(1 + x)^{1/2}$.