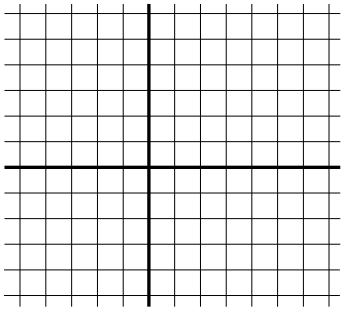
Pre-calc Exam Jan. 25, 2010 SHOW ALL WORK

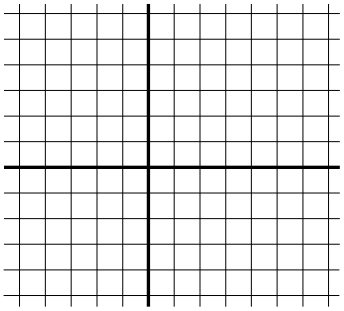
Math 25 Calculus I Either circle your answers or place on answer line.

[1] 1.) Graph $y = e^x$



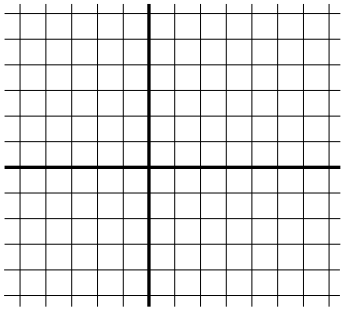
expontial growth

[1] 2.) Graph $y = e^{-x}$



exponential decay

[1] 3.) Graph $y = ln(x)$



logarithmic growth

[1] 4.) $ln(0) =$ _____ [1] 5.) $ln(1) =$ _____ [1] 6.) $ln(e^2) =$ _____ [1] 7.) $ln(-1) =$ _____

8.)

etc.