

### EXTRA PROBLEMS FOR HOMEWORK 10

- A. Find a real world occurrence which is commonly modeled by an exponential function. Write a paragraph in which you state the occurrence, state the exponential function used to describe it, and explain why it makes sense to use an exponential function as a model.
  
- B. Find a real world occurrence (other than the one from astronomy discussed in class) which is commonly modeled by a log function. Write a paragraph in which you state the occurrence, state the logarithmic function used to describe it, and explain why it makes sense to use an logarithmic function as a model.