Section 7.4 Worksheet:

Assigned problems: Exercises pp. 371-373, #4, 5, 12, 13, 19, 20, 25, 33.

1. What is a differential equation?

2. What prevents a population from growing exponentially indefinitely?

3. How is the doubling time derived? Could you do it yourself?

4. How should one choose an element for a dating problem (e.g. human activity versus geological process such as rock formation)?