There will be 10 questions, all worth 10 points each.
No work = No credit.

You should be familiar with all topics presented in Unit 2. In particular…

- Linear Relationships, explaining how a word problem relationship is linear, and find the equation
- Find the equation of a line through two points
- Find the equation of horizontal and vertical lines
- For a given exponential equation $y(t)$, identify the initial quantity, rate of growth, determine $y$ for a given value of $t$, and determine $t$ for a fixed $y$
- Given doubling time/half life and an initial quantity, find the equation for the quantity at any time
- Find inflation for two given CPI-U values
- Find today's dollars for an item bought a previous year, given the CPI-U values
- Find unknown quantities in a percent.
  i.e. If $\% \text{grade} = (\text{no. right})/(\text{total questions})$ and you are given two quantities, can you find the other?
- Determine the equation for, and the amount of, an investment
- Determine the initial quantity needed in an investment