**Quiz 7.3 – 7.5 Outline**

* Use the product rule when finding a derivative
* Use the quotient rule when finding a derivative
* Use the chain rule to find a derivative.
* Use chain rule in conjunction with the product or quotient rule.
* Use a table to find a derivative (like Hmwk L #14)
* Write an equation of a tangent line through a given *x* value
* Find a second or third order derivative (be familiar with different notations)
* Find the average velocity or acceleration over a given time interval
* Find instantaneous velocity or acceleration at a given time
* Find the speed at a given time
* Find when an object is moving left, right, or is at rest.
* Find when velocity is increasing or decreasing

**Formula Sheet**

