**Thinking Ahead About Graphing** – You should understand these questions fully before the next class. Check your answers with the key on your instructor’s website. You can get help with this work from the following sources:

* p. 200-208 of your textbook
* Visit your instructor during office hours
* Go to the Algebra Alcove
* Use the following resources on the Internet:
  + This site reviews terms and provides interactive practice on graphing points, but it doesn’t have explanations about graphing: <http://staff.argyll.epsb.ca/jreed/math7/strand2/2102.htm>
  + This site provides more explanation about graphing: <http://math.about.com/od/geometry/ss/cartesian.htm>

**You need to know all of the following vocabulary terms:**

* Coordinate plane (also called Cartesian plane)
* Horizontal
* Vertical
* x-axis
* y-axis
* origin
* ordered pair
* independent
* dependent
* Quadrants I, II, III, IV

Complete the following problems from your textbook (odd-numbered answers are in your book, even-numbered answers are posted). p. 209: #1-8 all, 9-19 odds, 23, 25