Linear Functions: Tips

- **Know how to calculate slope.**
  - Slope is one of the most important concepts of algebra.
  - Since algebra has a lot to do with linear functions, you need to know the slope in order to graph the line.
  - **Memorize y = mx + b**
- **Know all 3 types of forms used to graph linear functions.**
  - You will need to know how to graph **slope-intercept form, point-slope form, and standard form** for higher level algebra classes.
  - An easy way to memorize them is to just **memorize each formula equation.**
- **Be able to differentiate between the slope of a parallel and perpendicular line.**
  - **Parallel - same slope**
  - **Perpendicular - negative reciprocal of original slope**
- **Be comfortable with all the material in this chapter because you will 100% use it in other algebra classes and even in geometry.**