Exam 3 Review Assignment

The list below contains the topics we have covered since the last exam plus a few others. Also listed, are the page numbers and sections where each topic can be found in your online textbook (or in your notes). You should study **all** of the topics below.

For your review assignment, you need to pick **at least three** of the topics below that you think are the hardest or least understood by yourself. You will need to go to these sections in the textbook and choose at least one problem to complete. This problem can be a 'practice' problem or one from the section's exercises. **OR**— You may also create your own problem and answer it if the textbook does not have that topic (using the day's notes that are identified).

Topic	Location
Defining Independent and Dependent Variables	Textbook: Section 3.6, p. 297; Day 18 Notes and Day 18 HW
Using the Definition of a Function	Textbook: Section 3.6, p. 297
Using Function Notation with Equations and to Find Values	Textbook: Section 3.6, p. 299-300
Creating Multiple Representations (verbal, table, equation, graph) from given information	Day 22 Activity/Notes and Day 22 HW
Calculating Slope	Textbook: Section 3.2, p. 217-221
Writing and Graphing y=mx+b from a vertical intercept and slope	Textbook: Section 3.4, p. 264-268
Graphing and Writing Equations for Vertical and Horizontal Lines	Textbook: Section 3.2, p. 220-221
Finding Vertical and Horizontal Intercepts	Textbook: Section 3.3, p. 245-246; Day 26 Activity and Day 26 HW
Determining Equivalent Forms	Day 24 Activity and Day 24 HW
Interpreting Slope in context	Day 25 HW and Day 26 HW
Finding and Interpreting Values in context	Day 21 Activity, Day 21 HW, Day 25 HW, and Day 26 HW