Algebra 2 Part One of Chapter 3 Test
Topics
3.2 Graphs of Linear Equations in two variables
3.3 The slope of a line
3.4 Finding the equation of a line

- Standard Form Ax + By = C; slope = $\dfrac{-A}{B}$

- slope $\dfrac{y_2 - y_1}{x_2 - x_1}$

- slope intercept y = mx + b
- point slope $y - y_1 = m(x - x_1)$
- See self test p 123

3.7 Linear Inequalities in Two Variables
- Graph the associated equation
- Solid or dashed line
- Shade for a final answer
- See p 138-139

3.8 Functions and Relations
3.10 Relations
10.3 Composition of Functions
- domain
- f(x), g(x), f(g(x))
- See self test 3 p 158(1,2,3,8) p466(1-6)
- Homework pages 156,144

Part Two
Topics
3.5 Systems of Linear Equations in two variables, p129
3.6 Word problems of systems of equations in two variables, p132-133
3.9 Linear Functions p`49-151
9.9 Systems of Equations in three variables, x,y,z. p147 and Problems p448-489.