Algebra 3-4 Final Review

**Chapter 1 Expressions, Equations and Inequalities**

Level 2

Order of Operations (1 problem)  
Solve for indicated variable (4 problems)  
Solve for x – combine like terms (1 problem)

Level 3

Solve for x – quadratic and absolute value (2 problems)

Level 4

Write and solve your own equation (1 problem)  
 **Chapter 2 Functions, Equations and Graphs**

Level 2

Identify Domain, Range and State if it is a Function (1 problem)  
Is a given function linear? Evaluate f(x) (1 problem)  
Write in Slope-Intercept Form (1 problem)

Level 3

Find slope through two points (1 problem)  
Graph the line (1 problem)

Level 4

Real life story problem with correlation and/or absolute value (1 problem) **Chapter 3 Linear Systems**

Level 2

Solve the system with 2 variables (2 problems)

Level 3

Solve the system with 3 variables (1 problem)

Level 4

Create and solve a system of equations (1 problem) **Chapter 4 Quadratic Functions and Equations**

Level 2

Factor the following (2 problems)  
Graph with at least 5 points (2 problems)  
Factor completely (2 problems)

Level 3

Solve the equation using any method (2 problems)  
Solve the quadratic story problem (1 problem)

Level 4

Solve the equation (1 problem)