

# Chapter 4: Expressions and Equations

## Vocabulary Words you will be responsible for knowing and using:

- ⇒ variable, algebraic expression, evaluate
- ⇒ verbal model
- ⇒ terms, coefficient, like terms, constant term
- ⇒ equation, formula, perimeter, area
- ⇒ solution, solving an equation
- ⇒ inverse operations, equivalent equations

### **4-1 Evaluating Expressions**

p. 199-200 #1; 4-34 (even); 44; 46  
TOTAL: 19 problems

### **4-2 Writing Expressions**

p. 204-206 #1; 4-28 (even); 36; 38; 48; 50  
TOTAL: 18 problems

### **4-3 Simplifying Expressions**

p. 209-210 #1; 4-30 (even); 44; 46  
CHALLENGE: 40\*; 42\*  
TOTAL: 17 problems + 2\*

### **4-4 Using Familiar Formulas**

p. 215-217 #1; 4-30 (even); 44; 46  
TOTAL: 17 problems

### **QUIZ 4.1-4.4**

### **4-5 Equations and Mental Math**

p. 221-224 #1; 2-34(even); 64  
TOTAL: 19 problems

### **4-6A Solving Addition & Subtraction Equations**

p. 228-231 # 1; 2-16(even); 20; 68  
TOTAL: 11 problems

### **4-6B Solving Addition & Subtraction Equations**

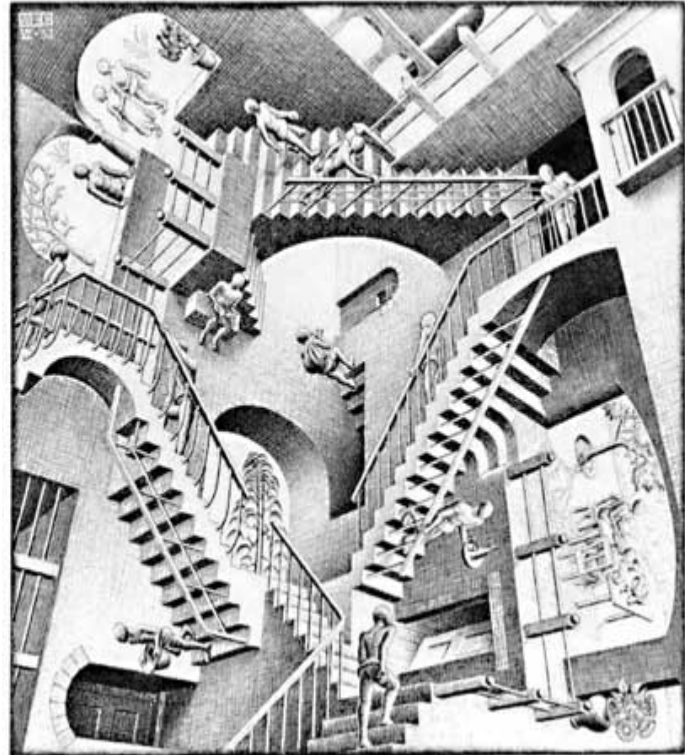
p. 228-231 # 22-46(even)  
TOTAL: 13 problems

### **4-7A Solving Multiplication & Division Equations**

p. 236-239 # 1; 2-6(even); 12; 18-24 (even); 28; 34; 38  
TOTAL: 12 problems

### **4-7B Solving Multiplication & Division Equations**

p. 236-239 # 8; 10; 14; 16; 26; 32; 36; 60; 62  
CHALLENGE: 56\*; 58\*  
TOTAL: 9 problems + 2\*



NAME \_\_\_\_\_

### **Chapter 4 Test Review**

Pg. 247 # 1; 2; 4; 8-32 (even)

**Date Due:** \_\_\_\_\_

(due the day of our in-class test)