Chapter 5 – RELATIONS AND FUNCTIONS

**Chapter 5 Part 1: RELATIONS.**

1. Different ways to describe relations (5.1)  
   p 262 # 3, 4, 7 – 10, 12 – 14
2. Dependent vs. Independent variable (5.2)  
   p 270 Identify which variable is which on # 9, 10, 17, 19, 6
3. Domain and Range (5.2)
4. What is a function? (5.2)  
   p 270 # 4, 5, 8 – 13  
     
   Mini QUIZ

**Chapter 5 Part 2: GRAPHS of RELATIONS.**

1. How to graph relations (5.3 & 5.4)  
   p 286 # 1, 2  
   p 281 # 3 – 18  
   p 296 # 14, 22 – 24
2. Functions vs. Relations on a graph (5.5)  
   p 294 Determine only if the following are functions on # 4 – 9
3. Getting values from a graph (5.5)  
   worksheet  
   p 296 determine f(1), f(2), f(-1) and *x* so that f(x)=5 and f(x) = -2 for # 16, 17
4. Domain and Range (5.5)  
   p 294 # 4 – 13, 19, 21  
     
   QUIZ 5.1 – 5.5

**Chapter 5 Part 3: EQUATIONS of RELATIONS.**

1. Function notation vs. equation notation (5.2)  
   p 272 # 14 – 23,   
   Your turn p 269 # 3
2. How to graph a function given its equation? (5.5)  
   worksheet  
   p 296 # 15  
     
   Mini QUIZ

**Chapter 5 Part 4: LINEAR RELATIONS.**

1. Properties of linear functions (5.6)  
   p 308 # 3 – 8, 10 – 18, 20, 21
2. Interpreting graphs of linear functions (5.7)  
   p 319 # 4 – 17, 19

Chapter 5 Review p 324

Practice test p 329