

**Unit 3: Chapters 2 and 5 – Linear Relations and Applications**

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| Section | **Lessons** | **Description of Handouts/Activities** | Textbook Exercises |
| 2.1 - 2.3 | 1.5 | Statistics   * Sources, Sampling and Displaying Data | Pg 45-46 #1bd,2c, 3ac,4,11 and  Pg 52-54 #6-8, 13 and  Pg 64-65 #1,2,3acd, 5 |
| 5.1 + 5.2 | 1 | Introduction to Partial and Direct Variation   * Exploring Linear Relations | Pg 242-243 #1-3,9ac,10 and  Pg 250-251 #1,2,6,7,10 |
| 5.3 | 1 | Investigating Slope   * The Slope of a Line | Pg 259-261 #1-5,8,9,14,15 |
| 5.4 + 5.5 | 1 | ***Quiz #1 - sections 2.1-2.2 and 5.1-5.3***  Properties of Linear Relations   * Rate of Change and First Differences | Pg 268-269 #1-6,14  Pg 275-276 #1,2 |
| 5.6 | 1 | Connecting Variation, Slope and Differences   * The Rule of Four | Pg 284-286 #1,4,5,7,10,14 |
| 2.3 + 2.4 | 1 | Estimating and Analyzing Trends   * Visual Displays of Data   ***Assignment #1*** | Pg 73-75 #2-4,6,8 |
| 2.5 | 1 | Comparing Relationships   * Linear vs. Non-Linear Relations | Pg 83-86 #1-3,5,10 |
| 2.6 | 2 | Applying Linear Models   * Distance vs. Time Graphs   ***Assignment #2 (In Class)*** | Pg 91-93 #1-5,7,8 |
| Review | 1 | * Summary of Unit 3 Learning Goals |  |
| Evaluation | 1 | ***Unit Test*** |  |