

**Suggested Practice Sets**  
**Quantitative Skills and Reasoning**  
**University of North Georgia – M. Goodroe**

**1.1 – Problem Solving**

**#1 - #27 Odd, #55, #57, #63, #65, #68, #81**

**1.2 – Reasoning**

**#1 - #9 All, #11 - #15 Odd, #59, #67**

**2.1 – The Language of Sets**

**#1 - #12 All, #13 - #21 Odd, #23 - #30 All, #31 - #41 Odd, #49 - #52 All, #79, #80**

**2.2 – Comparing Sets**

**#1 - #21 Odd**

**14.1 – Organizing and Visualizing Data**

**#1 - #8 All, #9, #12, #13, #15, #16, #17, #19, #22, #35, #37**

**13.1 – Basic Probability**

**#1 - #13 Odd, #15 - #18 All, #61, #69, #74**

**Exam #1**

**2.3 – Set Operations**

**#1 - #12 All, #23 - #30 All, #31 - #55 Odd, #77, #78**

**3.1 – Statements, Connectives, Quantifiers**

**#1 - #27 Odd, #29 - #34 All**

**3.2 – Truth Tables**

**#1 - #23 Odd, #29 - #41 Odd**

**14.2 – Measures of Central Tendency**

**#1 - #19 Odd, #29 - #31 All, #36, #37, #43 - #46 All**

**14.3 – Measures of Dispersion**

**#1 - #9 All, #19, #21, #27 - #33 Odd, #35, #36, #40**

**3.3 – The Conditional and Biconditional**

**#1 - #47 Odd**

**Exam #2**

**13.2 – Complements and Unions of Events**

**#1 - #17 Odd, #21 - #24 All, #25 - #31 Odd, #32**

**13.3 – Conditional Probability and the Intersection of Events**

**#1 - #39 Odd, #41 - #44 All**

**3.4 – Verifying Arguments**

**#1 - #27 Odd, #33 - #39 Odd**

**14.4 – The Normal Distribution**

**#1 - #45 Odd, #49, #50, #53**

**7.1 – Linear Equations**

**#1 - #51 Odd, #57 - #60 All, #65, #71, #72, #90**

**7.2 – Modeling with Linear Equations**

**#1 - #17 Odd, #24 - #26 All, #30**

**14.5 – Linear Regression**

**#1 - #17 Odd**

**7.3 – Modeling with Quadratic Equations**

**#1 - #18 All, #19 - #25 Odd**

**Exam #3**

**7.4 – Exponential Equations and Growth**

**#1 - #27 Odd**

**4.1 – Graphs, Puzzles, and Map Coloring**

**#1 - #15 Odd, #35, #37, #41, #43**

**4.2 – The Traveling Salesman Problem**

**#1 - #11 Odd, #29, #35**

**FINAL EXAM**