

Book 1-3 Review

- 1-3-1 Math Basics with Whole Numbers (3 questions on test)
 - Read and understand Information sheet associated with 1-3-1
 - Read Building a Foundation in Mathematics
 - Chapter 10
 - using order of operations
- 1-3-2 Fractions (3 questions on test)
 - Read and understand Information sheet associated with 1-3-2
 - Read Chapter 2 Building a Foundation in Mathematics
 - Converting between improper fractions and mixed numbers
 - Multiplying fractions and mixed numbers
- 1-3-3 Decimals (3 questions on test)
 - Read and understand Information sheet associated with 1-3-3
 - Read Chapter 3 Building a Foundation in Mathematics
 - Read and understand pages 62-82 regarding decimals
- 1-3-4 Percentages (3 questions on test)
 - Read and understand Information sheet associated with 1-3-4
 - Read Chapter 12 Building a Foundation in Mathematics
 - Converting fractions, decimals and percent
 - Solving word problems
- 1-3-5 The Structure of Matter (2 questions on test)
 - Read DC Theory
 - Chapter 2
 - Introduction
 - Matter and atoms
- 1-3-6 Electron Theory (3 questions on test)
 - Read and understand Information sheet associated with 1-3-6
 - Read DC Theory
 - Chapter 2
 - Electrical properties of materials
- 1-3-7 Electrical Units I (3 questions on test)
 - Read and understand Information sheet associated with 1-3-7
 - Read DC Theory
 - Chapter 1
 - The Ampere
 - The Volt
 - The Ohm
 - Ohm's law of proportionality
 - Electrical power

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- 1-3-8 Electrical Units II (3 questions on test)
 - Read and understand Information sheet associated with 1-3-8
 - Read Building a foundation in Mathematics
 - Chapter 8
 - Converting units in the customary system
 - Converting units in the metric system
- 1-3-9 Sources and Effects of Electricity (4 questions on test)
 - Read and understand Information sheet associated with 1-3-9
 - Read DC Theory
 - Chapter 2 (Sources of electrical energy)
- 1-3-10 Ropes, Knots, Hitches, and Splices (3 questions on test)
 - Read and understand Information sheet associated with 1-3-10
 - Read The Line Worker's Rigging Handbook
 - Chapter 5 (Knot safety)
 - Read The Guidebook for Linemen and Cablemen
 - Chapter 17 (Using ropes and rigging hardware - Fiber Rope)
- 1-3-11 Wire Rope (4 questions on test)
 - Read The Line Worker's Rigging Handbook
 - Chapter 3
- 1-3-12 Ladders/Step Bolts (3 questions on test)
 - Read and understand Information sheet associated with 1-3-12
 - Read The Guidebook for Linemen and Cablemen
 - Chapter 1
 - Specific hazards when working from a ladder
- 1-3-13 Powered Equipment Safety – Underground (3 questions on test)
 - Read and understand Information sheet associated with 1-3-13
- 1-3-14 Powered Equipment Safety – Digger Derricks (4 questions on test)
 - Read and understand Information sheet associated with 1-3-14
 - Read Appendix A Digger Derrick Operator Safety Training
- 1-3-15 Hazard Communication (3 questions on test)
 - Read and understand Information sheet associated with 1-3-15
- 1-3-16 Personal Protective Equipment (3 questions on test)
 - Read and understand Information sheet associated with 1-3-16

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