Math Unit 3: Multiplication and Division;
Number Sentences and Algebra
Study Guide

Learning the Basic Facts
fact families
turn-around facts

Multiplication
Parts of a problem: factor, factor, product
Factors
Multiples
Square number
Prime number
Shortcuts: *0 times any number equals 0
                *1 times any number equals the number
                *To find 2 times a number, double the number
                *To find 10 times a number, write 0 after the number

Division
Parts of a problem: dividend, divisor, quotient, remainder

Symbols
Operation symbols
Relation symbols

Number Sentences
True, false, and not sure number sentences (true, false, & not sure)
Open sentence
Variable
Parentheses
Answer
Solution

Story Problems
Algorithms
Label units for story problem answers
Logic
Logic grid

Secure Goals:
1. Fill in missing Fact Triangle numbers
2. Tell whether a number sentence is True, false, or "can't tell."
3. Make a true sentence by filling in missing numbers.
4. Make a true sentence by inserting parentheses.
5. Use a bar graph to find the median, range, and mode of a data set.
6. Solve addition and subtraction number stories.
7. Solve "What's My Rule?" problems.
8. Name factors of 24.

Developing Goals
1. Solve an open sentence.
2. Use a map and map scale.
3. Complete a Venn diagram with multiples.