

Grade Level and Content Area 7th Grade Math: Number/Number Sense

Concepts—Need to know about Number Sense

- { Scientific Notation (+Exponents)
- { Negative Exponents
- { Zero Exponents
- Rational & Irrational Numbers
- * Order of Operations
- * Integer Operations
- Fractions, Decimals, Percents
- * Absolute Value
- * Square Roots

Skills—Be able to

- Demonstrate (writing numbers in scientific notation)
- Explain (0 & negative exponents; meaning of integer operations)
- Describe (differences between rational & irrational numbers)
- Use (technology to show types of decimals; order of operations to solve problems; integers to solve problems)
- Simplify (expressions with integers)
- Solve (fraction, decimal, % problems; problems with absolute value, □ roots & exponents)
- Develop/Analyze (percent of integers)
- Represent (absolute value □ roots, exponents)