

## **Problem 1 - 20 \***

- 1) Addition, subtraction, multiplication, & division of Integers, Mixed Numbers, Fractions, and Decimals
- 2) Order of Operations
- 3) Use of the Distributive Property
- 4) Comparison of Fractions and Decimals
- 5) Multiplication Short-Cuts
- 6) Squaring Numbers
- 7) Conversion Problems (either way):  
Percent/Fractions, English/Metric,  
Roman Numerals/Arabic Numerals,  
Measurement units  
(length, weight, capacity, time)
- 8) Greatest Common Divisor (GCD) and Least Common Multiple (LCM)
- 9) Percent Problems
- 10) Mean, Median, & Mode
- 11) Sums of Integers
- 12) Remainder Problems
- 13) Consumer Type Problems
- 14) Number Theory Problems Involving:  
Prime Numbers, Divisors, Sums of Divisors, etc.