Number Sense and Numeration Final Test Review

Page 43 & 44 Practice

#2, 3, 6, 7, 10, 12 Due Tomorrow

**Expanded Form and Powers of 10-** Can you write a six digit number in expanded form using powers of 10?

 ie) 9 337 256 - 9 000 000 + 300 000 + 30 000 + 7000 + 200+ 50 + 6

 9 x 10 6 + 3 x 10 5+ 3 x 10 4 + 7x 10 3 + 2 x 10 2 + 5 x 10 1 + 6

**Prime Factors** - Can you find the Prime factors of a number?

Prime Factorization - Can you write the prime factors in a statement using exponent?

 ie) 64 Factor Tree or Ladder Method

 32 x 2

4 x 8 x 2

2 x 2 x 4 x 2 x 2

2 x 2 x2 x 2 x 2 x2 = 2 6

**Lowest Common Multiple & Greatest Common Factor**- Can you find the common numbers between two numbers?

 4 and 8 Multiples: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52

 8, 16, 24, 32, 40, 48, 56

 LCM: 8

 4 and 8 GCF 4: 1, 2, 4

 8: 1, 2, 4, 8 GCF is 4

**Scientific Notation**- Can you find a number when it is written in Scientific Notation and vice versa?

 4 700 000 = 4.7 x 10 6  and 23 900= 2.39 x 10 4

**Order of Operations-** Do you know how to solve an equation using BEDMAS?

 2 + 3 3 + (5 - 3 )2 / 2 + 5 3

 2 + 27 + 2 2 / 2 + 125

 2 + 27 + 4 / 2 + 125

 2 + 27 + 2 + 125

 156