

Monday - December 16, 2013

## Scientific Notation

$$a \times 10^n$$

calc  
 $a \in \mathbb{R}$

$$1 \leq |a| < 10, n \in \mathbb{Z}$$

12,000,000.

8.3

$$1.2 \times 10^7$$

$$8.3 \times 10^0$$

.00000000375

$$3.75 \times 10^{-9}$$

$$4.45 \times 10^{-6}$$

.00000445

$$7.1298 \times 10^5$$

712980

## Final Review Items

Direct Variation      Graph Shifts  
Inverse Variation      Rational Expressions  
Absolute Value Equations  
and Inequalities      Exponent Rules  
Piece - Wise Functions      Scientific Notation  
Absolute Value  
Logarithms  
Circles      Completing the Square  
Polynomials  
(Add, Subtract, Multiply,  
Divide)