

Math 72

Day 2

- Discuss Study Skills Option 1 vs. Option 2
- Discuss Tutoring assignment
- Discuss graphing calculator requirement and Aso rental program
- Math lesson 1.1-1.3
 - sets of numbers
 - averages
 - order of operations

Sets: real numbers = combine rational numbers and irrational numbers

natural numbers $\Rightarrow 1, 2, 3, \dots$

whole numbers $\Rightarrow 0, 1, 2, 3, \dots$

integers $\Rightarrow \dots -3, -2, -1, 0, 1, 2, 3, \dots$

rational numbers $\Rightarrow$ can be written as a fraction of two integers

irrational numbers $\Rightarrow$ can NOT be written as a fraction of two integers

Averages: add the list of numbers, divide by the number of values in the list.

Order of Operations:

1st: Grouping symbols	() parentheses
	[] brackets
	{ } braces
	inside inside absolute value
	$\sqrt{\text{inside}}$ or root

2nd: Exponents (including roots & radicals)

3rd: Division and Multiplication are equal priority, from left to right

4th: Subtraction and Addition are equal priority, from left to right.