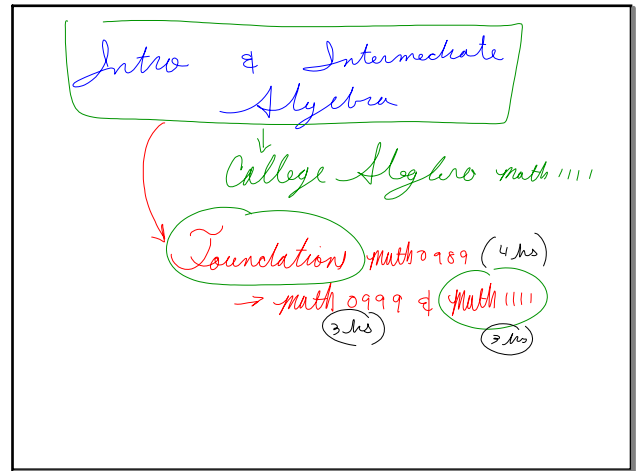


August 18, 2015

- \* Student Score Calculator #1 Due Today
- \* Quiz #1 - Friday
- \* COR 1.1

Aug 18-8:59 AM



Aug 18-9:04 AM

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$ax^2 + bx + c = 0$$

Aug 18-9:18 AM

Sets - a collection of things

↓  
Members or elements

$B = \{ \text{Student, Book, Sleep} \}$   
Finite Set

Infinite Sets

$N = \{ 1, 2, 3, \dots \}$   
Natural Numbers      Infinite  $\rightarrow \infty$

$C = \{ 2, 3, 4, \dots, 100 \}$

$D = \{ 2, 4, 6, \dots, 100 \}$

Aug 18-9:22 AM

Sets

① Natural ( $N$ ) =  $\{ 1, 2, 3, \dots \}$

② Whole ( $W$ ) =  $\{ 0, 1, 2, 3, \dots \}$

$D = \{ 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 \}$   
Base 10

$\begin{matrix} \boxed{4 \ 3 \ 7} & \rightarrow & \text{Place Value} \\ \downarrow & & \downarrow \\ \text{Hundreds} & & \text{Tens ones} \end{matrix}$

$4 \cdot 100 + 3 \cdot 10 + 7 \cdot 1$

$4 \cdot 10^2 + 3 \cdot 10^1 + 7 \cdot 10^0$

$4x^2 + 3x + 7$

Aug 18-9:32 AM

$$\begin{array}{r} 96 + 47 \\ 96 \\ + 47 \\ \hline 1313 \end{array}$$

Aug 18-9:43 AM