November 13th

Due Next Class: HW 4.1

Unit 4: Inequalities

Lesson 4.1: Intro to 1 Variable Inequalities

Get Ready:

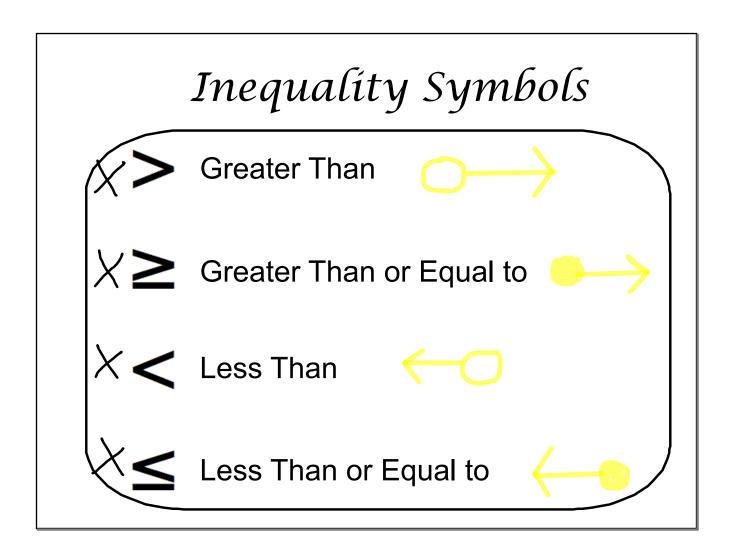


Stand up with your colored number in hand.

Those of you with green #s line up in order with your backs against the left hand wall.

Those of you with orange #s line up in order with your backs to the windows (facing other line).

Human Number Line Single Variable Inequalities x equals 3 x greater than or equal to 3 x is 38 x is less than 2 0.5 2x is less than 1.5 2 x is at least 1 -0.5 1.5 2.5 0.5 an "unknown" vs. a "variable"



Translate & Graph in your Notes

1. "x is greater than 3"

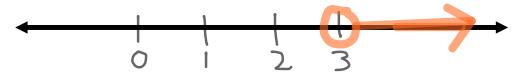
2. "x is less than or equal to -10"

3. "x is not more than -1"

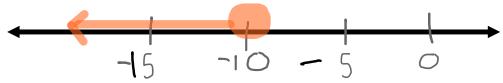
4. "x is at least 38"

Translate & Graph in your Notes

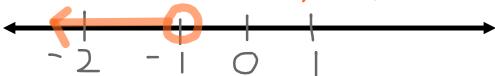
1. "x is greater than 3" $\times > 3$



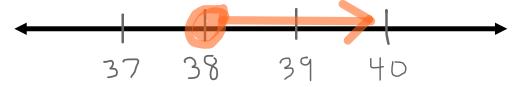
2. "x is less than or equal to -10" $\times \leq -10$



3. "x is not more than -1" \times <-|



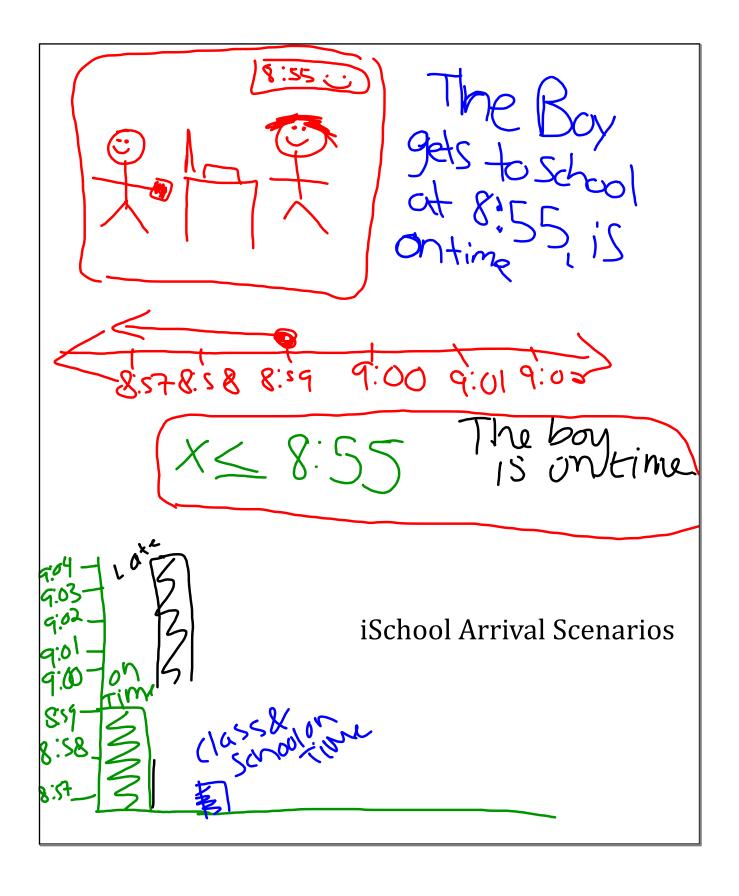
4. "x is at least 38" $\times 238$



Late To School?

Scenarios:

In Your Groups: how many ways can you depict these policies *as inequalities*? Be creative in finding as many ways as you can to represent the different scenarios.



Due Tomorrow:	HW4.1	
	VN 4.1	