

Algebra 1A

Unit 4: Inequalities

Assignment 4

One-Step Inequalities

◦ Vocabulary:

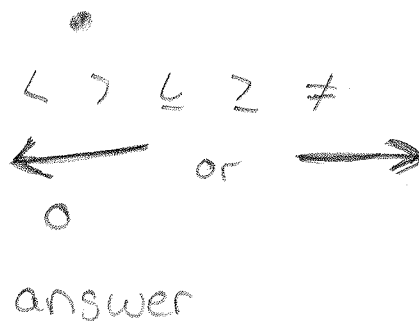
- closed circle

- inequality

- infinite

- open circle

- solution



◦ Graphing Simple Inequalities

- put a ^{○ open circle} circle or ^{● closed circle} dot on the number



- if it's greater than, the line goes right
> →

- if it's less than, the line goes left
< ←

symbol

<

>

≤

≥

number line



- Analyzing one-step inequalities
 - *undo what is on the side of the variable (letter) in this order

if it

then you

adds

→

subtract

subtracts

→

add

* multiplies

→

divide

* divides

→

multiply

(including fractions)

if you x or
by a negative #
flip the sign

- *do the same thing to both sides