6.3 Notes

Monday, April 4, 2016

| Name: | |
|-------|--|
| Date: | |

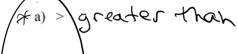
CHAPTER 6 NOTES – Linear Inequalities

- 6.3 Introduction to Linear Inequalities
- 6.4 Solving Linear Inequalities by Using Addition and Subtraction
- 6.5 Solving Linear Inequalities by Using Multiplication and Division

What You'll Learn:

6.3/6.4/6.5 – Explain and illustrate strategies to solve linear inequalities.

What do each of the following signs mean?





Can you write an inequality for the amount of time, *t*, you are legally allowed to park according to the sign?

Math 9

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Is each number a solution of the inequality $y \ge -3$?

How can you illustrate solutions to an inequality?

graphing on a number line.

What are the guidelines to graphing on a number line?

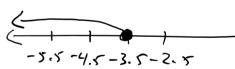
- set up a number line with a target number in the middle.

Graph each inequality on a number line and write two possible solutions:

b) 0.5 > p

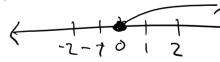
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d)
$$t \ge 0$$



Reflection: An inequality can be described with words, symbols, or a graph. Which representation do you find easiest to understand? Explain why.

Assignment: p292#3aceg,4,5ace,66d,8,12,13aceg