



Math 6B

Unit #5: Inequalities

Lesson:

Lesson 1: **Unit Introduction**

Resources:

This lesson is meant to act as a preview or introduction for the rest of the unit. No new skills were learned during this lesson. Nothing to turn in.

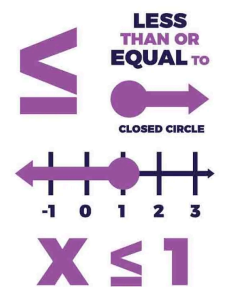
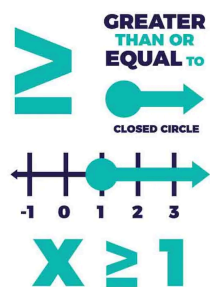
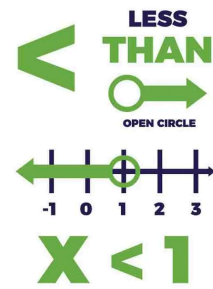
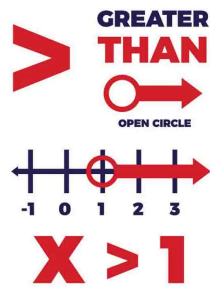
Lesson 2: **Solving Inequalities**

Objective: We will be able to determine if an inequality is true

Keywords:

- Inequalities

INEQUALITIES



Mr. G's Videos:

- [Practice #1](#)
- [Practice #2](#)
- [Practice #3 and 5](#)
- [Practice #4](#)

Lesson 3: Solutions of Inequalities

Objective:

- We will be able to show the solutions to inequalities
- We will be able to plot inequalities on a number line

Keywords:

- Inequalities
- Numberline
- Greater Than
- Less Than
- Greater Than or Equal To
- Less Than or Equal To
- Not Equal To

Mr. G's Videos

- [Lesson Introduction](#)
- [Practice #1 and 2](#)
- [Practice #3](#)
- [Practice #4 and Quick Check #4](#)
- [Practice #5](#)

Lesson 4: Write Inequalities to Solve Problems

Objective:

- We will be able to write inequalities that match a situation/story problem.

Keywords:

PUT THIS IN YOUR NOTES! They keywords will help you figure out which symbol to use when writing inequalities!

<p>greater than</p> <p>$>$</p> <p>more than above larger than exceeds longer than over higher than</p>	<p>less than</p> <p>$<$</p> <p>fewer than under smaller than below shorter than beneath lower than</p>
<p>greater than or equal to</p> <p>\geq</p> <p>at least more than or equal to minimum no less than not under/below not smaller than</p>	<p>less than or equal to</p> <p>\leq</p> <p>at most does not exceed maximum no more than up to not above/greater than</p>

Lesson 5: Solve Inequalities by Adding or Subtracting	Objective: <ul style="list-style-type: none"> - We will be able to find the solutions to inequalities by adding or subtracting Keywords: <ul style="list-style-type: none"> - Inequalities - Inverse Operation Mr. G's Videos <ul style="list-style-type: none"> - Practice #1-3 - Practice #4 - Practice #5 - Quick Check #3
Lesson 6: Solve Inequalities by Multiplying or Dividing	Objective: <ul style="list-style-type: none"> - We will be able to solve inequalities by multiplying or dividing Keywords: <ul style="list-style-type: none"> - Inequalities - Inverse Operations
Lesson 7: Apply	Sample Work
Lesson 8: Practice	Practice Test
Lesson 9: Test	Unit Test