

Topic: UNIT 6 SOLVING and GRAPHING LINEAR INEQUALITIES

Days: 10

Subject(s):

Grade(s):

Key Learning: How to manipulate inequalities algebraically and graphically to make predictions.



Unit Essential Question(s): How are linear inequalities solved algebraically and graphically to show solutions.?



Concept:
Graphing Linear Inequalities

Concept:
Algebraic



Lesson Essential Question(s):
How do you use graphs to solve linear inequalities? (A)

Lesson Essential Question(s):
How do you keep the equation balanced when solving a linear inequality using addition and subtraction? (A)

How do you keep the equation balanced when solving a linear inequality using multiplication and division? (A)

How do you keep the equation balanced when solving a linear inequality using multi-steps of addition, subtraction, multiplication and division? (A)

How do you solve compound inequalities and show the solution graphically? (A)



Vocabulary:
graph of an inequality, linear inequalities in two variables, graph of an inequality in two variables, inequality

Vocabulary:
graph of an inequality, equivalent inequalities, compound inequality

Additional Information:
Unit 6 sections 6.1, 6.2, 6.3, 6.4, 6.7 MUST do p 387 (supplemental packet) Omit Sections 6.5, 6.6

Attached Document(s):

Vocab Report for Topic: UNIT 6 SOLVING and GRAPHING LINEAR INEQUALITIES

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Grade(s):

Concept: Graphing Linear Inequalities

graph of an inequality, linear inequalities in two variables -

graph of an inequality in two variables -

inequality -

Concept: Algebraic

graph of an inequality, equivalent inequalities, compound inequality -