

Name: _____ Pd: 2nd/4th Date: 3/26/18

M7

CH 6.7 - Solve Multiplication/Division Inequalities (Page 505)

ESSENTIAL QUESTION:

WHAT does it mean to say two quantities are equal?

Success Criteria:

1. I can solve one-step multiplication and division inequalities using inverse operations.

SMPs:

1. Persevere with Problems
2. Reason Abstractly
3. Construct Viable Arguments
4. Model with Mathematics
5. Look for and Make Use of Structure

CCSS:

- 7.EE.4
- 7.EE.4b

INEQUALITY-Mathematical sentence that compares quantities.

Solving an inequality means finding values that make the inequality true.

Inequalities				
Words	<ul style="list-style-type: none"> • is less than • is fewer than 	<ul style="list-style-type: none"> • is greater than • is more than • exceeds 	<ul style="list-style-type: none"> • is less than or equal to • is no more than • is at most 	<ul style="list-style-type: none"> • is greater than or equal to • is no less than • is at least
Symbols	<	>	≤	≥

EXAMPLES

Solve & graph each Inequality

Operations

Check your solution

1. $4x < 40$

Solve & graph each Inequality

Operations

Check your solution

2. $6 \geq \frac{y}{7}$

Solve & graph each Inequality

Operations

Check your solution

3. $9 > \frac{k}{-2}$

Solve & graph each Inequality

Operations

Check your solution

4. $-3n \leq -22$
