

December 1, 2014 - December 5, 2014

Monday,
December 1

8-8:55AM General
Math

One-step inequalities

Standards

7.EE.4.b Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$, where p , q , and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.

Vocabulary

Solution set, inequalities

Warm Up

What does greater than and less than mean?

Outcome

I can solve one-step inequalities, graph the solution set, and test my solution.

Activity 1

Notes: Define terms

Activity 2

Compare one-step equations with one-step inequalities

Assessment

$3x < 4$ Solve and graph the solution sets

Out of Class Assignment

Accommodations (if applicable)

9-9:50AM Pre-Ap Math

Finish Roots and Radicals

Tuesday,
December 2

8-8:55AM General
Math

Two-step inequalities

Standards

7.EE.4.b Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$, where p , q , and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.

Vocabulary

zero pair, solution set, inequalities

Warm Up

Outcome

I can solve two step inequalities and graph their solutions

Activity 1

compare two-step equations to inequalities.

Activity 2

Solve two-step inequalities and graph the solution sets.

Assessment

Out of Class Assignment

Accommodations (if applicable)

9-9:50AM Pre-Ap Math

Review Scientific Notation Vocabulary

Wednesday,
December 3

8-8:55AM General
Math

Multiply/Divide inequalities by negatives

Standards

7.EE.4.b Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$, where p , q , and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.

Vocabulary

inverse,

Warm Up

Outcome

I can explain why dividing or multiplying a negative changes the sign of the inequality

Activity 1

$-4x = 8$

Solve and graph the solution set.

Test your solution. What has happened??
What did we do in this problem that was different and how did it effect our solution set.
Do a couple more problems.

Activity 2

Solve a few practice problems, graph and solve using all rational numbers.

Assessment

Why do we have to graph the solution set instead of just stating the answers?

Thursday,
December 4

8-8:55AM General
Math

Practice packet

Standards

7.EE.4.b Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$, where p , q , and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.

Vocabulary

Warm Up

Outcome

I can solve all one and two-step inequalities with all rational solutions.

Activity 1

- [4.4 practice packet](#)

Activity 2

Assessment

Out of Class Assignment

Accommodations (if applicable)

9-9:50AM Pre-Ap Math

Friday,
December 5

8-8:55AM General
Math

Review/Practice and Quiz

Vocabulary

Warm Up

Outcome

I can

Activity 1

Review misconceptions

Activity 2

Take Edmodo Quiz

Assessment

Out of Class Assignment

Accommodations (if applicable)

9-9:50AM Pre-Ap
Math

Quiz

Standards

8.EE.3 Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other.

Vocabulary

Warm Up

Outcome

I can use radicals and roots to simplify expressions

Activity 1

Finish Quiz

Activity 2

Review Quiz and write about misconceptions

Assessment

Out of Class Assignment

Accommodations (if applicable)

Warm Up

Outcome

I can use standard and scientific notation

Activity 1

Review the packet that was graded. Redirect misconceptions and misunderstandings.

Activity 2

Review "how many times greater" sections

Assessment

Test coming

Out of Class Assignment

Study

Accommodations (if applicable)

Out of Class Assignment

Accommodations (if applicable)

9-9:50AM Pre-Ap Math

TEST

Standards

8.EE.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions.

8.EE.3 Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other.

8.EE.4 Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Use scientific notation and choose units of appropriate size for measurements of very large or very small quantities (e.g., use millimeters per year for seafloor spreading). Interpret scientific notation that has been generated by technology.

8.EE.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.

Vocabulary

Warm Up

Outcome

I can prove my knowledge of exponents and standard/scientific notation.

Activity 1

	Activity 2	
	Assessment	
	Out of Class Assignment	
	Accommodations (if applicable)	