



Monday 07/31/2023	Tuesday 08/01/2023	Wednesday 08/02/2023	Thursday 08/03/2023	Friday 08/04/2023
<p>7th Grade Math 7:50am - 8:40am</p> <p>Standards</p> <p>7.EE.B.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar $9\frac{3}{4}$ inches long in the center of a door that is $27\frac{1}{2}$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.</p> <p>TSW apply rules of multiplication and division to integers.</p> <p>Opening Activity</p>	<p>7th Grade Math 7:50am - 8:40am</p> <p>Standards</p> <p>7.EE.B.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar $9\frac{3}{4}$ inches long in the center of a door that is $27\frac{1}{2}$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.</p> <p>TSW apply rules of multiplication and division to rational numbers.</p> <p>Opening Activity</p>	<p>7th Grade Math 7:50am - 8:40am</p> <p>Standards</p> <p>7.EE.B.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar $9\frac{3}{4}$ inches long in the center of a door that is $27\frac{1}{2}$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.</p> <p>TSW apply rules of multiplication and division to rational numbers.</p> <p>Opening Activity</p>	<p>7th Grade Math 7:50am - 8:40am</p> <p>Standards</p> <p>7.EE.B.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar $9\frac{3}{4}$ inches long in the center of a door that is $27\frac{1}{2}$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.</p> <p>TSW apply rules of multiplication and division to rational numbers.</p> <p>Opening Activity</p>	<p>7th Grade Math 7:50am - 8:40am</p> <p>Standards</p> <p>7.EE.B.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar $9\frac{3}{4}$ inches long in the center of a door that is $27\frac{1}{2}$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.</p> <p>TSW apply rules of multiplication and division to rational numbers.</p> <p>Opening Activity</p>



"Manic Monday" Bellwork (5 min)

Lesson / Instruction

TSW complete notes on multiplying and dividing integers. (30 min)

Homework / Closure

TSW complete practice problems.

8th Grade Math 9:00am - 9:50am

Standards

8.EE.A.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.

8.EE.C.7a Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form $x = a$, $a = a$, or $a = b$ results (where a and b are different numbers).

"Two Truths Tuesday" Check-In Form (5 min)

Lesson / Instruction

TSW complete notes on multiplying and dividing rational numbers. (30 min)

Homework / Closure

TSW complete practice problems.

8th Grade Math 9:00am - 9:50am

Standards

8.EE.A.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. For example, estimate the population of the United States as 3×10^8 and the population of the world as 7×10^9 , and determine that the world population is more than 20 times larger.

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"Would Ya Wednesday" Check-In Form (5 min)

Lesson / Instruction

TSW complete notes and practice on mixed review of operations with rational numbers. (30 min)

Homework / Closure

TSW complete practice problems.

8th Grade Math 9:00am - 9:50am

Standards

8.EE.A.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

8.EE.A.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.

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"Throwback Thursday" Check-In Form (5 min)

Lesson / Instruction

TSW play Blooket to practice operations with rational numbers. (30 min)

Homework / Closure

TSW study for Quiz 1-1

8th Grade Math 9:00am - 9:50am

Standards

8.EE.A.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.

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"Funny Friday" Check-In Form (5 min)

Lesson / Instruction

TSW complete WMPT 1.2 on operations with rational numbers and review. (30 min)
Students will review highly missed skills.

8th Grade Math 9:00am - 9:50am

Standards

8.EE.A.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.

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8.EE.C.7 Solve linear equations in one variable.

TSW solve rules of exponents and roots and practice applications

Opening Activity

Throwback Thursday Bellwork (5 min)

Lesson / Instruction

TSW solve for cubes and roots to simplify rational and irrational numbers.

9th Grade Algebra 1 10:15am - 11:30am

Standards

A.REI.9 Find the inverse of a matrix if it exists and use it to solve systems of linear equations (using technology for matrices of dimension 3 x 3 or greater).

TSW use given information to construct and solve a matrix.

Opening Activity

"Manic Monday" Bellwork (5 min)

Lesson / Instruction

TSW complete notes on using key words to set up and solve expressions.

Homework / Closure

TSW complete independent practice.

10th Grade Alg2/Geo 11:35am - 12:25pm

8.EE.A.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

8.EE.A.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.

TSW apply rules of exponents to Scientific Notation.

Opening Activity

Two Truths Tuesday Bellwork (5 min)

Lesson / Instruction

TSW solve negative and zero exponents to simplify rational and irrational numbers.

9th Grade Algebra 1 10:15am - 11:30am

Standards

A.REI.9 Find the inverse of a matrix if it exists and use it to solve systems of linear

the other. For example, estimate the population of the United States as 3×10^8 and the population of the world as 7×10^9 , and determine that the world population is more than 20 times larger.

8.EE.A.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.

TSW apply rules of exponents to Scientific Notation.

Opening Activity

Would Ya Wednesday (5 min)

Lesson / Instruction

TSW complete a card sort of rational and irrational numbers with exponents and roots.

9th Grade Algebra 1 10:15am - 11:30am

Standards

8.EE.A.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

8.EE.A.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. For example, estimate the population of the United States as 3×10^8 and the population of the world as 7×10^9 , and determine that the world population is more than 20 times larger.

TSW apply rules of exponents to Scientific Notation.

Opening Activity

Would Ya Wednesday (5 min)

Lesson / Instruction

TSW complete notes on scientific notation.

9th Grade Algebra 1 10:15am - 11:30am

Standards

A.REI.9 Find the inverse of a matrix if it exists and use it to solve systems of linear equations (using technology

positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.

8.EE.A.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. For example, estimate the population of the United States as 3×10^8 and the population of the world as 7×10^9 , and determine that the world population is more than 20 times larger.

TSW apply rules of exponents to Scientific Notation.

Opening Activity

"Funny Friday" Check-In Form (5 min)

Lesson / Instruction

TSW complete WMPT 1.2 on operations with rational numbers and review. (30 min) Students will review highly missed skills.

9th Grade Algebra 1 10:15am - 11:30am

Standards

A.REI.2 Solve simple rational and radical equations



Standards

G.SRT.B.5 Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.

G.CO.C.10 Prove theorems about triangles. Theorems include: measures of interior angles of a triangle sum to 180° ; base angles of isosceles triangles are congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.

G.CO.C.9 Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment's endpoints.

TSW develop an understanding of angles and apply the knowledge to solve equations of missing angle measures.

Opening Activity

"Manic Monday" Bellwork (5 min)

equations (using technology for matrices of dimension 3×3 or greater).

TSW use given information to construct and solve a matrix.

Opening Activity

"Two Truths Tuesday" Check-In Form (5 min)

Lesson / Instruction

TSW complete a Google Slide to review solving Equations.

10th Grade Alg2/Geo
11:35am - 12:25pm

Standards

G.SRT.B.5 Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.

G.CO.C.10 Prove theorems about triangles. Theorems include: measures of interior angles of a triangle sum to 180° ; base angles of isosceles triangles are congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.

G.CO.C.9 Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel

A.REI.9 Find the inverse of a matrix if it exists and use it to solve systems of linear equations (using technology for matrices of dimension 3×3 or greater).

TSW translate expressions from word problems.

Opening Activity

"Would Ya Wednesday" Check-In Form (5 min)

Lesson / Instruction

TSW complete a Google Slide to review solving Inequalities.

10th Grade Alg2/Geo
11:35am - 12:25pm

Standards

G.CO.C.9 Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment's endpoints.

G.CO.C.10 Prove theorems about triangles. Theorems include: measures of interior angles of a triangle sum to 180° ; base angles of isosceles triangles are

for matrices of dimension 3×3 or greater).

TSW use word problems to set up inequalities.

Opening Activity

"Throwback Thursday" Check-In Form (5 min)

Lesson / Instruction

TSW complete a Pixel Art on Equations with Variables on both sides.

10th Grade Alg2/Geo
11:35am - 12:25pm

Standards

G.CO.C.9 Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment's endpoints.

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in one variable, and give examples showing how extraneous solutions may arise.

A.CED.4 Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations. For example, rearrange Ohm's law $V = IR$ to highlight resistance R .

TSW set up and solve equations and inequalities

Opening Activity

"Funny Friday" Check-In Form (5 min)

Lesson / Instruction

TSW complete WMPT 1.2 on operations with rational numbers and review. (30 min) Students will review highly missed skills.

10th Grade Alg2/Geo
11:35am - 12:25pm

Standards

G.CO.C.9 Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly



Lesson / Instruction

TSW complete notes and practice identifying angle relationships.

lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment's endpoints.

TSW develop an understanding of angles and apply the knowledge to solve equations of missing angle measures.

Opening Activity

"Two Truths Tuesday" Check-In Form (5 min)

Lesson / Instruction

TSW identify the Angle Addition Postulate and solve for angle measures.

congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.

G.SRT.B.5 Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.

TSW develop an understanding of angles and apply the knowledge to solve equations of missing angle measures.

Opening Activity

"Would Ya Wednesday" Check-In Form (5 min)

Lesson / Instruction

TSW apply angle relationships and AAP to use equations to solve missing angle measures.

the medians of a triangle meet at a point.

G.SRT.B.5 Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.

TSW develop an understanding of angles and apply the knowledge to solve equations of missing angle measures.

Opening Activity

"Throwback Thursday" Check-In Form (5 min)

Lesson / Instruction

TSW work independently to practice solving angle relationships.

those equidistant from the segment's endpoints.

G.CO.C.10 Prove theorems about triangles. Theorems include: measures of interior angles of a triangle sum to 180° ; base angles of isosceles triangles are congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.

G.SRT.B.5 Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.

TSW develop an understanding of angles and apply the knowledge to solve equations of missing angle measures.

Opening Activity

"Funny Friday" Check-In Form (5 min)

Lesson / Instruction

TSW complete WMPT 1.2 on operations with rational numbers and review. (30 min) Students will review highly missed skills.