

CW Middle School

Math Rtl 7 A

1. Foundations (14.29%)

Learning Targets

1.1 I can add and subtract positive fractions with unlike denominators and simplify the result.

Learning Target	Descriptor	Definition
4	Proficient	I can add and subtract positive fractions with unlike denominators and simplify the result.
3	Developing	I can write problems with common denominators.
2	Basic	I can write equivalent fractions.
1	Minimal	I can find the least common multiple (LCM).
0	No Evidence	No evidence shown.

1.2 I can add mixed numbers with unlike denominators and simplify the result.

Learning Target	Descriptor	Definition
4	Proficient	I can add mixed numbers with unlike denominators and simplify the result.
3	Developing	I can write problems with common denominators and add whole numbers and numerators together.
2	Basic	I can write equivalent fractions.
1	Minimal	I can find the least common multiple (LCM).
0	No Evidence	No evidence shown.


1.3 I can subtract mixed numbers with renaming and simplify the result.

Learning Target	Descriptor	Definition
4	Proficient	I can subtract mixed numbers with renaming and simplify the result.
3	Developing	I can rename a whole number into a mixed number and combine with the remaining fraction.
2	Basic	I can write equivalent fractions and write problems with common denominators.
1	Minimal	I can find the least common multiple.
0	No Evidence	No evidence shown.

2. Rational Number Operations Part A (14.29%)

Learning Targets

2.1 I can add positive and negative integers and rational numbers.



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Learning Target	Descriptor	Definition
4	Proficient	I can add positive and negative integers and rational numbers.
3	Developing	I can identify if the sum of two numbers will remain a positive or a negative.
2	Basic	I can find the absolute value of numbers and identify whether to add or subtract numbers.
1	Minimal	I can demonstrate an understanding of positive and negative numbers.
0	No Evidence	No evidence shown.

2.2 I can add and subtract positive and negative fractions and simplify the result.

Learning Target	Descriptor	Definition
4	Proficient	I can add and subtract positive and negative fractions and simplify the result.
3	Developing	I can rewrite subtraction problems to equivalent addition problems and solve.
2	Basic	I can identify the rules of adding and subtracting positive and negative numbers.
1	Minimal	I can demonstrate an understanding of adding and subtracting fractions.
0	No Evidence	No evidence shown.

2.3 I can subtract an integer from an integer.

Learning Target	Descriptor	Definition
4	Proficient	I can subtract an integer from an integer.
3	Developing	I can determine that the result will be a positive or negative number.
2	Basic	I can change negative sign of the second integer to a positive sign.
1	Minimal	I can connect the concept that subtraction of integers can be rewritten as an equivalent addition problem.
0	No Evidence	No evidence shown.

2.4 I can add and subtract positive and negative mixed numbers and simplify the result.

Learning Target	Descriptor	Definition
4	Proficient	I can add and subtract positive and negative mixed numbers and simplify the result.
3	Developing	I can rewrite subtraction problems to equivalent addition problems and solve.



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Learning Target	Descriptor	Definition
2	Basic	I can identify the rules of adding and subtracting positive and negative numbers.
1	Minimal	I can demonstrate an understanding of adding and subtracting rational and mixed numbers.
0	No Evidence	No evidence shown.

3. Rational Number Operations Part B (14.29%)

Learning Targets

3.1 I can multiply and divide two or more integers and check my solution.

Learning Target	Descriptor	Definition
4	Proficient	I can multiply and divide two or more integers and check my solution.
3	Developing	I can multiply and divide positive and negative integers and identify the correct sign for the solution.
2	Basic	I can demonstrate the rules for multiplying and dividing positive and negative integers.
1	Minimal	I can multiply and divide integers.
0	No Evidence	No evidence shown.

3.2 I can multiply positive and negative decimals.

Learning Target	Descriptor	Definition
4	Proficient	I can multiply positive and negative decimals.
3	Developing	I can demonstrate where the decimal will be placed within the solution.
2	Basic	I can demonstrate multiplying multi-digit numbers and find a solution.
1	Minimal	I can find the absolute value of each number.
0	No Evidence	No evidence shown.

3.3 I can divide positive and negative decimals.

Learning Target	Descriptor	Definition
4	Proficient	I can divide positive and negative decimals.
3	Developing	I can determine if the quotient is positive or negative.
2	Basic	I can follow the rules of long division.



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Learning Target	Descriptor	Definition
1	Minimal	I can move the decimal points to make the divisor and dividend a whole number.
0	No Evidence	No evidence shown.

3.4 I can multiply and divide positive and negative mixed numbers and simplify the result.

Learning Target	Descriptor	Definition
4	Proficient	I can multiply and divide positive and negative mixed numbers and simplify the result.
3	Developing	I can determine if the solution is a positive or negative fraction.
2	Basic	I can demonstrate an understanding of multiplying and dividing fractions.
1	Minimal	I can change a mixed number into an improper fraction.
0	No Evidence	No evidence shown.



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4. Expressions and Equations (14.29%)

Learning Targets

4.1 I translate a word phrase into an algebraic expression and simplify.

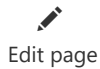
Learning Target	Descriptor	Definition
4	Proficient	I translate a word phrase into an algebraic expression and simplify.
3	Developing	I can write and simplify algebraic expressions.
2	Basic	I can simplify algebraic expressions.
1	Minimal	I can identify parts of an algebraic expression (variables, operations, like terms, coefficients).
0	No Evidence	No evidence shown.

4.2 I can solve an equation requiring two or more steps.

Learning Target	Descriptor	Definition
4	Proficient	I can solve an equation requiring two or more steps.
3	Developing	I can isolate the variable using adding or subtracting to get numbers on the opposite side of the equation.
2	Basic	I can combine like terms within the equation.
1	Minimal	I simplify an equation using the distributive property.
0	No Evidence	No evidence shown.

4.3 I can solve a two-step inequality and check my solution.

Learning Target	Descriptor	Definition
4	Proficient	I can solve a two-step inequality and check my solution.
3	Developing	I can understand that the symbol must be reversed if the inequality is multiplied or divided by a negative number.
2	Basic	I can multiply or divide the inequality using positive or negative numbers.
1	Minimal	I can isolate the variable using adding or subtracting to get numbers on the opposite side of the equation.
0	No Evidence	No evidence shown.



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5. Proportionality (14.29%)

Learning Targets

5.1 I can represent proportional relationships using scale drawings, maps, tables, and graphs.

Learning Target	Descriptor	Definition
4	Proficient	I can represent proportional relationships using scale drawings, maps, tables, and graphs.
3	Developing	I can construct and solve proportional relationships.
2	Basic	I can identify if the ratio is proportional.
1	Minimal	I can write a ratio.
0	No Evidence	No evidence shown.

5.2 I can solve word problems involving percents.

Learning Target	Descriptor	Definition
4	Proficient	I can solve word problems involving percents.
3	Developing	I can find the percent increase or decrease using the percent equation.
2	Basic	I can construct a percent equation correctly.
1	Minimal	I can identify the different parts of a percent equation and what the problem is asking.
0	No Evidence	No evidence shown.

5.3 I can determine whether two quantities are proportional, write an equation for the relationship, and graph it.

Learning Target	Descriptor	Definition
4	Proficient	I can determine whether two quantities are proportional, write an equation for the relationship, and graph it.
3	Developing	I can write an equation for proportional relationships and graph them.
2	Basic	I can determine if the ratios form proportional relationships.
1	Minimal	I can write a ratio and make equivalent fractions.
0	No Evidence	No evidence shown.

6. Geometry (14.29%)



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Learning Targets

6.1 I can find the area and circumference of a circle and label the solutions correctly.

Learning Target	Descriptor	Definition
4	Proficient	I can find the area and circumference of a circle and label the solutions correctly.
3	Developing	I can use the radius and diameter to find the area and circumference of a circle.
2	Basic	I can apply the correct measurements into the formula to find the area and circumference of a circle.
1	Minimal	I can find the radius and/or the diameter of a circle.
0	No Evidence	No evidence shown.

6.2 I can find the total area of compound figures comprised of rectangles and/or triangles.


Learning Target	Descriptor	Definition
4	Proficient	I can find the total area of compound figures comprised of rectangles and/or triangles.
3	Developing	I can apply the correct area formulas to find the area of each figure.
2	Basic	I can identify the base and height of a compound figure.
1	Minimal	I can identify the different shapes in a compound figure.
0	No Evidence	No evidence shown.

6.3 I can I can find the surface area of a rectangular prism.

Learning Target	Descriptor	Definition
4	Proficient	I can I can find the surface area of a rectangular prism.
3	Developing	I can find the area of each face of the prism.
2	Basic	I can identify the length and width of each face of the prism.
1	Minimal	I can identify the various faces of a prism (top, bottom, left, right, front, back).
0	No Evidence	No evidence shown.

6.4 I can find the volume of a triangular prism using correct labels.

Learning Target	Descriptor	Definition
4	Proficient	I can find the volume of a triangular prism using correct labels.



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Learning Target	Descriptor	Definition
3	Developing	I can find the length of the triangular prism and multiply it by the area of the triangle.
2	Basic	I can find the area of the triangle.
1	Minimal	I can identify the base and height of the triangle (base) in a triangular prism.
0	No Evidence	No evidence shown.

6.5 I can find the volume of a cylinder and label it correctly.

Learning Target	Descriptor	Definition
4	Proficient	I can find the volume of a cylinder and label it correctly.
3	Developing	I can find the length of the cylinder and multiply it by the area of a circle.
2	Basic	I can find the area of a circle.
1	Minimal	I can identify the radius of circle.
0	No Evidence	No evidence shown.



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7. Data, Probability, and Statistics (14.26%)

Learning Targets

7.1 I can compare two populations by using mean, median, mode, and range

Learning Target	Descriptor	Definition
4	Proficient	I can compare two populations by using mean, median, mode, and range
3	Developing	I can calculate or find landmarks given various data representations (graphs).
2	Basic	I can calculate landmarks given a data set (numbers).
1	Minimal	I can define various landmarks (mean, median, mode, and range).
0	No Evidence	No evidence shown.

7.2 I can make predictions using probability.

Learning Target	Descriptor	Definition
4	Proficient	I can make predictions using probability.
3	Developing	I can find the sample space and determine the probability of an event.
2	Basic	I can find the number of possible outcomes by using a tree diagram, table, or multiplication.
1	Minimal	I can identify the vocabulary related to probability (sample space, favorable outcomes, trial, etc).
0	No Evidence	No evidence shown.

Submitted on 1/21/2022 by