



CW Middle School

Mathematics 7 A

1. Operations (33.33%)

Learning Targets

1.1 I can evaluate rational numbers and integers through addition.

Learning Target	Descriptor	Definition
4	Proficient	I can evaluate rational numbers and integers through addition.
3	Developing	I can demonstrate adding rational numbers and integers.
2	Basic	I can add integers or rational numbers.
1	Minimal	I can select the correct answer if given a multiple choice answer to an addition problem involving rational numbers and integers.
0	No Evidence	No evidence shown.

1.2 I can evaluate rational numbers and integers through subtraction.

Learning Target	Descriptor	Definition
4	Proficient	I can evaluate rational numbers and integers through subtraction.
3	Developing	I can demonstrate subtracting rational numbers and integers.
2	Basic	I can subtract rational numbers or integers.
1	Minimal	I can select the correct answer if given a multiple choice answer to an subtraction problem involving rational numbers and integers.
0	No Evidence	No evidence shown.

1.3 I can evaluate rational numbers and integers through multiplication.

Learning Target	Descriptor	Definition
4	Proficient	I can evaluate rational numbers and integers through multiplication.
3	Developing	I can demonstrate how to multiply integers and rational numbers.
2	Basic	I can demonstrate how to multiply integers.
1	Minimal	I can choose the correct solution to an equation that includes multiplying integers.
0	No Evidence	No evidence shown.

1.4 I can evaluate rational numbers and integers through division.

Learning Target	Descriptor	Definition
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Learning Target	Descriptor	Definition
4	Proficient	I can evaluate rational numbers and integers through division.
3	Developing	I can demonstrate how to divide integers and rational numbers.
2	Basic	I can demonstrate how to divide integers.
1	Minimal	I can choose the correct solution to an equation that includes dividing integers.
0	No Evidence	No evidence shown.

1.5 I can simplify complicated expressions (rational numbers and integers) showing all work and using the correct order of operations.

Learning Target	Descriptor	Definition
4	Proficient	I can simplify complicated expressions (rational numbers and integers) showing all work and using the correct order of operations.
3	Developing	I can solve three term order of operation problems with integers and show each step correctly
2	Basic	I can solve two term order of operation problems with integers and show each step correctly.
1	Minimal	I can circle the terms correctly in solving order of operations
0	No Evidence	No evidence shown.

2. Decimal, Fraction and Percentage Operations (33.34%)


Learning Targets

2.1 I can evaluate the relationship between decimals, fractions, and percentages while reducing my solution.

Learning Target	Descriptor	Definition
4	Proficient	I can evaluate the relationship between decimals, fractions, and percentages while reducing my solution.
3	Developing	I can convert decimals to fractions and fractions to decimals.
2	Basic	I can convert fractions to decimals.
1	Minimal	I can match fractions to decimals
0	No Evidence	No evidence shown.

2.2 I can compute multiplying different rational numbers and simplifying when necessary.

Learning Target	Descriptor	Definition
4	Proficient	I can compute multiplying different rational numbers and simplifying when necessary.



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Learning Target	Descriptor	Definition
3	Developing	I can compute multiplying fractions and decimals.
2	Basic	I can compute multiplying decimals and percentages.
1	Minimal	I can compute multiplying fractions.
0	No Evidence	No evidence shown.

2.3 I can compute dividing different rational numbers and simplifying when necessary.

Learning Target	Descriptor	Definition
4	Proficient	I can compute dividing different rational numbers and simplifying when necessary.
3	Developing	I can compute dividing fractions and decimals.
2	Basic	I can compute dividing decimals and percentages.
1	Minimal	I can compute dividing fractions.
0	No Evidence	No evidence shown.

2.4 With illustrations, I can evaluate story problems with rational numbers.

Learning Target	Descriptor	Definition
4	Proficient	With illustrations, I can evaluate story problems with rational numbers.
3	Developing	With illustrations, I can evaluate different arithmetic operations with rational numbers
2	Basic	I can evaluate different operations with integers.
1	Minimal	I can match by choosing the correct solution to the problem.
0	No Evidence	No evidence shown.



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3. Probability (33.33%)

Learning Targets

3.1 I can compose theoretical and experimental probability event while justifying their solution.

Learning Target	Descriptor	Definition
4	Proficient	I can compose theoretical and experimental probability event while justifying their solution.
3	Developing	I can compose an experimental as well as theoretical probability event with the proposed answer.
2	Basic	I can differentiate the difference between experimental and theoretical probability.
1	Minimal	I can identify experimental as well as theoretical probability.
0	No Evidence	No evidence shown.

3.2 I can explain the reasoning behind the probability of an event always being between 0 and 1.

Learning Target	Descriptor	Definition
4	Proficient	I can explain the reasoning behind the probability of an event always being between 0 and 1.
3	Developing	I can find the probability of an event with a fractional piece missing.
2	Basic	I can identify probability of an event between zero and one.
1	Minimal	I can determine if the solution to a probability event is valid.
0	No Evidence	No evidence shown.

3.3 I can calculate any probability of simple and compound events.

Learning Target	Descriptor	Definition
4	Proficient	I can calculate any probability of simple and compound events.
3	Developing	I can calculate the probability of a compound event using only common denominators.
2	Basic	I can calculate the probability of a simple event.
1	Minimal	I can identify a simple and compound event.
0	No Evidence	No evidence shown.

Submitted on 1/21/2022 by