



CW Middle School

Mathematics 7 B

1. Solving Equations and Inequalities (33.33%)

Learning Targets

1.1 I can solve one variable inequalities by combining like terms, removing zero pairs, and graphing it on a number line.

Learning Target	Descriptor	Definition
4	Proficient	I can solve one variable inequalities by combining like terms, removing zero pairs, and graphing it on a number line.
3	Developing	I can write the inequality representing a graph on a number line.
2	Basic	I can simplify one variable inequalities by combining like terms and recognize zero pairs.
1	Minimal	I can simplify one variable inequalities by combining like terms.
0	No Evidence	No evidence shown.

1.2 I can solve one or two step equations; showing the steps of my process.

Learning Target	Descriptor	Definition
4	Proficient	I can solve one or two step equations; showing the steps of my process.
3	Developing	I can solve one step equations while showing the steps of my process.
2	Basic	I can solve one step equations.
1	Minimal	I can accurately simplify each side of an equation by combining like terms and finding zero pairs.
0	No Evidence	No evidence shown.

1.3 I can write and solve multi-step equations.

Learning Target	Descriptor	Definition
4	Proficient	I can write and solve multi-step equations.
3	Developing	I can write equations from story problems.
2	Basic	I can solve multi-step equations with infinite and no solutions.
1	Minimal	I can solve multi-step equations.
0	No Evidence	No evidence shown.



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2. Probability, Percents and Whole (33.34%)

Learning Targets

2.1 I can interpret situations to find percentages, portions(part), and the whole(base).

Learning Target	Descriptor	Definition
4	Proficient	I can interpret situations to find percentages, portions(part), and the whole(base).
3	Developing	I can find the unknown percent of two variables.
2	Basic	I can find the percent of a number.
1	Minimal	I can find the correct numbers to insert on a partial percent ruler.
0	No Evidence	No evidence shown.

2.2 I can analyze the theoretical probability of a game and determine and explain if it is a fair game.

Learning Target	Descriptor	Definition
4	Proficient	I can analyze the theoretical probability of a game and determine and explain if it is a fair game.
3	Developing	I can find the probability of two events that occur.
2	Basic	I can identify whether the probability of an event is dependent or independent.
1	Minimal	I can find the probability of one event occurring.
0	No Evidence	No evidence shown.

2.3 I can find the probability of complex independent compound events by using probability trees and tables.

Learning Target	Descriptor	Definition
4	Proficient	I can find the probability of complex independent compound events by using probability trees and tables.
3	Developing	I can find the probability of two independent events with three outcomes for each event.
2	Basic	I can find the probability of two independent events with two outcomes for each event.
1	Minimal	I can make a partial probability tree.
0	No Evidence	No evidence shown.



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3. Proportions (33.33%)

Learning Targets

3.1 I can use a scale factor to construct two similar polygons; labeling their sides, and comparing the perimeter, and area.

Learning Target	Descriptor	Definition
4	Proficient	I can use a scale factor to construct two similar polygons; labeling their sides, and comparing the perimeter, and area.
3	Developing	I can solve finding unknown sides of a polygon in a proportional polygon as well as compare the area and perimeter of both.
2	Basic	I can solve finding unknown sides of a polygon in a proportional polygon.
1	Minimal	I can find the scale factor of two similar polygons
0	No Evidence	No evidence shown.

3.2 I can construct and solve a proportional relationship; while producing a table, graph, and equation.

Learning Target	Descriptor	Definition
4	Proficient	I can construct and solve a proportional relationship; while producing a table, graph, and equation.
3	Developing	I can find the constant of proportionality of two quantities and make a table and a graph
2	Basic	I can identify whether a relationship is proportional.
1	Minimal	I can identify what a graph should look like to be proportional.
0	No Evidence	No evidence shown.

3.3 I can simplify expressions by combining like terms using perimeter and area of algebraic tiles.

Learning Target	Descriptor	Definition
4	Proficient	I can simplify expressions by combining like terms using perimeter and area of algebraic tiles.
3	Developing	I can find the perimeter of algebraic tiles.
2	Basic	I can find the area of algebraic tiles.
1	Minimal	I can identify names of algebraic tiles.
0	No Evidence	No evidence shown.

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