



SuccessMaker®

Alignments to SuccessMaker

Providing rigorous intervention
for K-8 learners with unparalleled precision

aimswebPlus CCSS Math Grade-Domain Code - Behavioral Objective Grade 7	SuccessMaker Item Description
Fall	
7.EE.4 Solves two-step equations, and word problems by writing and solving equations of the form $px + r = q$, where p, q , and r are specific rational numbers.	SMMA_LO_00396 Complete the steps to solve for x in $a - x = b$.
	SMMA_LO_01638 Solve for a two-step equation in context.
	SMMA_LO_01846 Solve a two-step equation (integers).
	SMMA_LO_01850 Solve a two-step equation (fractions, multiplication).
	SMMA_LO_01851 Solve a two-step equation (decimals).
	SMMA_LO_01814 Identify the two-step equation that is a translation of the written phrase within a context.
	SMMA_LO_00356 Solve for a or c in $a/b + c/b = d/b$ (sums $2/3$ to $11/12$).
	SMMA_LO_00360 Solve for a or c in $a/b - c/b = d/b$ (minuends $2/3$ to $11/12$).
	SMMA_LO_00362 Solve for a or c in $a/b - c/b = d/b$ (improper fractions, minuends $4/3$ to $35/12$).
	SMMA_LO_00364 Solve for a or c in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$).
	SMMA_LO_00382 Solve for a in $ba/c = d$ by multiplying by the reciprocal.
	SMMA_LO_00383 Complete the steps to solve for x in $ax + b = c$.
	SMMA_LO_00384 Solve for x in $ax + b = c$.
	SMMA_LO_00385 Identify the equation that translates the written phrase ($ax + b = c$).
	SMMA_LO_00386 Identify the equation that translates the written phrase ($ax + b = c$).
	SMMA_LO_00388 Solve for a in $a + b = c$ (a is from -20 to -1).
	SMMA_LO_00389 Solve for a in $a - b = c$ (differences from -19 to 11).
	SMMA_LO_00390 Solve for x in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$).
	SMMA_LO_00391 Solve for a in $a/b = c$ (products from $-(4 \times 4)$ to $-(9 \times 9)$).

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	SMMA_LO_00392 Complete the steps to solve for x in $ax + b = c$ (x is from -9 to -1).
	SMMA_LO_00393 Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 2).
	SMMA_LO_00394 Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 9).
	SMMA_LO_00395 Solve for x in $-x = a$ (numbers from -99 to 99).
	SMMA_LO_00397 Determine whether a given value for x is a solution for $ax + b = c$ (x is from -9 to 9).
	SMMA_LO_01800 Solve a one-step equation (multiplication and division, integers).
	SMMA_LO_01801 Solve a one-step equation (addition and subtraction, one-digit integers).
	SMMA_LO_01844 Solve a one-step equation (two-digit integers, addition and subtraction).
	SMMA_LO_01845 Solve a one-step equation (integers, multiplication and division).
	SMMA_LO_01848 Solve a one-step equation (fractions, addition and subtraction).
	SMMA_LO_01849 Solve a one-step equation (decimal integers, multiplication and division).
7.G.6 Determines volume of rectangular and triangular prisms when given dimensions.	SMMA_LO_00838 Find the volume of a rectangular or triangular prism.
	SMMA_LO_00848 Choose the best estimate for the volume of a rectangular prism.
	SMMA_LO_01817 Solve for a variable in the formula for volume of a rectangular prism (whole numbers and mixed numbers).
	SMMA_LO_01819 Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.
7.EE.1 Simplifies algebraic expressions.	SMMA_LO_02149 Apply properties of operations to add two linear expressions.
7.RP.1 Solves word problems involving ratios.	SMMA_LO_01826 Identify the correct proportion for the context, and then solve.
7.NS.3 Evaluates numeric expressions involving multiple operations and rational numbers.	SMMA_LO_01818 Evaluate an algebraic expression with exponents (integers -10 to 10).
	SMMA_LO_01842 Evaluate an algebraic expression (integers -10 to 10).
	SMMA_LO_01843 Evaluate an algebraic expression with three variables (-5.9 to 5.9).

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7.NS.2 Multiplies rational numbers.	SMMA_LO_00118 Identify $-(a + b)$ as equivalent to $-a - b$, where a and b are 1 to 9.
	SMMA_LO_01523 Identify $-(a - b)$ as equivalent to $-a + b$ (a and b from 1 to 9).
	SMMA_LO_01524 Identify $-(-a - b)$ as equivalent to $a + b$ (a and b from 1 to 9).
	SMMA_LO_01533 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.
	SMMA_LO_01534 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$.
7.RP.3 Solves word problems involving percentages.	SMMA_LO_00178 Find the total cost, given an amount and the sales tax percentage.
	SMMA_LO_00278 Find the percent of increase.
	SMMA_LO_00845 Identify a correct expression to solve a problem about sales tax.
	SMMA_LO_01636 Find the number of grams that represents a percentage of the total weight (whole numbers).
	SMMA_LO_01637 Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).
	SMMA_LO_01805 Solve for a variable in the formula for simple interest (whole numbers and decimals).
7.NS.1 Adds or subtracts rational numbers, and identifies true inequalities represented on a number line.	SMMA_LO_00102 Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).
	SMMA_LO_00107 Add two negative integers or add 0 and a negative integer (sums -20 to 0).
	SMMA_LO_00108 Add a positive and a negative integer (one-digit addends, sums -9 to 9).
	SMMA_LO_00109 Add two integers using addition facts (addends -10 to 10, sums -20 to 20).
	SMMA_LO_00128 Evaluate $-(a + b)$, where $1 < a$, $b < 9$.
	SMMA_LO_01115 Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).
	SMMA_LO_02085 Represent addition of integers on a number line.

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	SMMA_LO_00168 Add metric measurements with unlike units and express the sum in terms of the smaller unit.
	SMMA_LO_01505 Subtract integers using a number line (differences -5 to 1).
	SMMA_LO_01506 Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).
	SMMA_LO_01507 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01508 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01510 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01511 Subtract integers using a number line (differences -5 to 4).
	SMMA_LO_01513 Subtract integers (minuends -11 to -20, subtrahends -1 to -10, negative differences).
	SMMA_LO_01514 Identify $a - b$ as equivalent to $a + (-b)$, where a and b are 1 to 20.
	SMMA_LO_01515 Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).
	SMMA_LO_01516 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01517 Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).
	SMMA_LO_01519 Subtract integers (minuend 0, subtrahends 1 to 20).
	SMMA_LO_01520 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01521 Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends -9 to 9).
	SMMA_LO_01522 Subtract integers (minuends -10 to 0, subtrahends -10 to -1).
	SMMA_LO_01525 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).

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	SMMA_LO_01526 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01529 Identify $-(a - b)$ as equivalent to $-a + b$ with variables.
	SMMA_LO_01530 Identify $-(-a - b)$ as equivalent to $a + b$ with variables.
	SMMA_LO_02152 Represent subtraction of integers on a number line.
	SMMA_LO_02153 Represent addition and subtraction of rational numbers (fractions) on a number line.
	SMMA_LO_02154 Represent addition and subtraction of rational numbers (decimals) on a number line.
7.G.1 Solves word problems involving scale drawings to determine perimeter.	SMMA_LO_00513 Identify the scale factor in similar shapes to find the missing corresponding sides.
	SMMA_LO_00815 Determine distances from scale drawings (inches to miles, cm to km).
	SMMA_LO_00846 Interpret scale drawings (metric and customary units of length).
7.RP.2 Determines ratios represented by a table of x- and y-coordinates, and proportional relationships between quantities to solve word problems.	SMMA_LO_02001 Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.
	SMMA_LO_02002 Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.
	SMMA_LO_01297 Identify the number sentence that can be used to solve a two-step problem in context.
	SMMA_LO_01336 Given the number of kilowatt-hours used and a price, find the total cost of power.
	SMMA_LO_01339 Convert light years to kilometers and kilometers to light years.
	SMMA_LO_02089 Interpret the meaning of a point on the graph of a proportional relationship in terms of the situation; use this information to answer questions about the situation.

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Winter	
7.G.6 Determines volume of rectangular prisms when given dimensions.	SMMA_LO_00838 Find the volume of a rectangular or triangular prism.
	SMMA_LO_00848 Choose the best estimate for the volume of a rectangular prism.
	SMMA_LO_01817 Solve for a variable in the formula for volume of a rectangular prism (whole numbers and mixed numbers).
	SMMA_LO_01819 Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.
7.NS.3 Evaluates numeric expressions involving rational numbers.	SMMA_LO_01818 Evaluate an algebraic expression with exponents (integers -10 to 10).
	SMMA_LO_01842 Evaluate an algebraic expression (integers -10 to 10).
	SMMA_LO_01843 Evaluate an algebraic expression with three variables (-5.9 to 5.9).
7.SP.6 Determines probability of an event by calculating probability of a sample space.	SMMA_LO_01738 Determine the event that is most or least likely; then conduct a simulation in which the results are recorded so that theoretical and experimental probability can be compared.
7.RP.2 Determines ratios represented by a line graph.	SMMA_LO_02001 Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.
	SMMA_LO_02002 Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.
7.NS.2 Multiplies rational numbers.	SMMA_LO_00118 Identify $-(a + b)$ as equivalent to $-a - b$, where a and b are 1 to 9.
	SMMA_LO_01523 Identify $-(a - b)$ as equivalent to $-a + b$ (a and b from 1 to 9).
	SMMA_LO_01524 Identify $-(-a - b)$ as equivalent to $a + b$ (a and b from 1 to 9).
	SMMA_LO_01533 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.
7.G.5 Determines the measure of an unknown angle when given the complementary or supplementary angle, and Identifies pairs of supplementary angles.	SMMA_LO_00670 Establish that vertical angles are congruent.
	SMMA_LO_00674 Find the measure of the missing angle in a diagram.

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	SMMA_LO_00677 Solve a problem involving equal angle measures.
7.NS.1 Adds or subtracts rational numbers, and identifies true equations represented on a number line.	SMMA_LO_00102 Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).
	SMMA_LO_00107 Add two negative integers or add 0 and a negative integer (sums -20 to 0).
	SMMA_LO_00108 Add a positive and a negative integer (one-digit addends, sums -9 to 9).
	SMMA_LO_00109 Add two integers using addition facts (addends -10 to 10, sums -20 to 20).
	SMMA_LO_00128 Evaluate $-(-a + b)$, where $1 < a$, $b < 9$.
	SMMA_LO_01115 Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).
	SMMA_LO_02085 Represent addition of integers on a number line.
	SMMA_LO_00168 Add metric measurements with unlike units and express the sum in terms of the smaller unit.
	SMMA_LO_01505 Subtract integers using a number line (differences -5 to 1).
	SMMA_LO_01506 Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).
	SMMA_LO_01507 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01508 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01510 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01511 Subtract integers using a number line (differences -5 to 4).
	SMMA_LO_01513 Subtract integers (minuends -11 to -20, subtrahends -1 to -10, negative differences).
	SMMA_LO_01514 Identify $a - b$ as equivalent to $a + (-b)$, where a and b are 1 to 20.

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	SMMA_LO_01515 Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).
	SMMA_LO_01516 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01517 Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).
	SMMA_LO_01519 Subtract integers (minuend 0, subtrahends 1 to 20).
	SMMA_LO_01520 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01521 Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends -9 to 9).
	SMMA_LO_01522 Subtract integers (minuends -10 to 0, subtrahends -10 to -1).
	SMMA_LO_01525 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01526 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01529 Identify $-(a - b)$ as equivalent to $-a + b$ with variables.
	SMMA_LO_01530 Identify $-(-a - b)$ as equivalent to $a + b$ with variables.
	SMMA_LO_02152 Represent subtraction of integers on a number line.
	SMMA_LO_02153 Represent addition and subtraction of rational numbers (fractions) on a number line.
	SMMA_LO_02154 Represent addition and subtraction of rational numbers (decimals) on a number line.
7.EE.1 Simplifies algebraic expressions, and identifies equivalent expressions by factoring.	SMMA_LO_02149 Apply properties of operations to add two linear expressions.

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7.EE.4 Solves word problems by writing and solving equations of the form $px + r = q$, where p, q , and r are specific rational numbers, and by writing and solving inequalities of the form $px + q > r$ or $px + q < r$, where p, q , and r are specific rational numbers.	SMMA_LO_00356 Solve for a or c in $a/b + c/b = d/b$ (sums $2/3$ to $11/12$).
	SMMA_LO_00360 Solve for a or c in $(a/b - c/b = d/b)$ (minuends $2/3$ to $11/12$).
	SMMA_LO_00362 Solve for a or c in $a/b - c/b = d/b$ (improper fractions, minuends $4/3$ to $35/12$).
	SMMA_LO_00364 Solve for a or c in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$).
	SMMA_LO_00382 Solve for a in $ba/c = d$ by multiplying by the reciprocal.
	SMMA_LO_00383 Complete the steps to solve for x in $ax + b = c$.
	SMMA_LO_00384 Solve for x in $ax + b = c$.
	SMMA_LO_00385 Identify the equation that translates the written phrase ($ax + b = c$).
	SMMA_LO_00386 Identify the equation that translates the written phrase ($ax + b = c$).
	SMMA_LO_00388 Solve for a in $a + b = c$ (a is from -20 to -1).
	SMMA_LO_00389 Solve for a in $a - b = c$ (differences from -19 to 11).
	SMMA_LO_00390 Solve for x in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$).
	SMMA_LO_00391 Solve for a in $a/b = c$ (products from $-(4 \times 4)$ to $-(9 \times 9)$).
	SMMA_LO_00392 Complete the steps to solve for x in $ax + b = c$ (x is from -9 to -1).
	SMMA_LO_00393 Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 2).
	SMMA_LO_00394 Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 9).
	SMMA_LO_00395 Solve for x in $-x = a$ (numbers from -99 to 99).
	SMMA_LO_00396 Complete the steps to solve for x in $a - x = b$.
	SMMA_LO_00397 Determine whether a given value for x is a solution for $ax + b = c$ (x is from -9 to 9).

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	SMMA_LO_01638 Solve for a two-step equation in context.
	SMMA_LO_01800 Solve a one-step equation (multiplication and division, integers).
	SMMA_LO_01801 Solve a one-step equation (addition and subtraction, one-digit integers).
	SMMA_LO_01844 Solve a one-step equation (two-digit integers, addition and subtraction).
	SMMA_LO_01845 Solve a one-step equation (integers, multiplication and division).
	SMMA_LO_01846 Solve a two-step equation (integers).
	SMMA_LO_01848 Solve a one-step equation (fractions, addition and subtraction).
	SMMA_LO_01849 Solve a one-step equation (decimal integers, multiplication and division).
	SMMA_LO_01850 Solve a two-step equation (fractions, multiplication).
	SMMA_LO_01851 Solve a two-step equation (decimals).
	SMMA_LO_00118 Identify $-(a + b)$ as equivalent to $-a - b$, where a and b are 1 to 9.
	SMMA_LO_01523 Identify $-(a - b)$ as equivalent to $-a + b$ (a and b from 1 to 9).
	SMMA_LO_01524 Identify $-(-a - b)$ as equivalent to $a + b$ (a and b from 1 to 9).
	SMMA_LO_01533 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.
	SMMA_LO_00828 Find the circumference, given the length of the diameter or the radius ($\pi = 3.14$).
	SMMA_LO_01779 Measure the diameter of a circle, and then determine the circumference.
	SMMA_LO_01780 Measure the radius of a circle, and then determine the circumference.
	SMMA_LO_01781 Measure the diameter of a circle, and then determine the area.
	SMMA_LO_01783 Measure the radius of a circle, and then determine the area.
	SMMA_LO_01784 Determine the most accurate representation of the circumference of a circle.
	SMMA_LO_01855 Given the radius, find the circumference of a circle within context.

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	SMMA_LO_01856 Given the diameter, find the circumference of a circle within context.
	SMMA_LO_00633 Identify parts of a circle (center, radius, and diameter).
	SMMA_LO_00653 Identify a part of a circle (center, radius, chord, or diameter).
	SMMA_LO_00357 Solve for a or b in $a \times b = c$ (products 6×2 to 9×12).
	SMMA_LO_00363 Solve for a or b in $a \times b = x$ (products 2×10 to 12×12).
	SMMA_LO_00366 Solve for a or b in $a \times b = x$ (products 2×20 to 12×90 , multiples of 10).
	SMMA_LO_00369 Solve for a or b in $a \times b = c$ (products from 0.2×0.6 to 0.9×0.9).
	SMMA_LO_00376 Solve for a or b in $a \times b = c$ (products from 0.02×0.13 to 0.09×0.19).
	SMMA_LO_00380 Solve for x in $ax = c$ in steps (products 4×4 to 9×10).
	SMMA_LO_01690 Solve a one-step equation (multiplication).
	SMMA_LO_01692 Solve a one-step equation (division).
	SMMA_LO_01745 Solve a one-step equation in context (division, two-digit whole numbers).
	SMMA_LO_01747 Solve a one-step equation in context (division, two-digit whole numbers).
	SMMA_LO_01847 Solve a one-step equation (fractions, multiplication and division).
7.G.4 Solves word problems involving area of whole or partial circles when given dimensions.	SMMA_LO_00828 Find the circumference, given the length of the diameter or the radius ($\pi = 3.14$).
	SMMA_LO_01779 Measure the diameter of a circle, and then determine the circumference.
	SMMA_LO_01780 Measure the radius of a circle, and then determine the circumference.
	SMMA_LO_01781 Measure the diameter of a circle, and then determine the area.
	SMMA_LO_01783 Measure the radius of a circle, and then determine the area.
	SMMA_LO_01784 Determine the most accurate representation of the circumference of a circle.
	SMMA_LO_01855 Given the radius, find the circumference of a circle within context.

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	SMMA_LO_01856 Given the diameter, find the circumference of a circle within context.
	SMMA_LO_00633 Identify parts of a circle (center, radius, and diameter).
	SMMA_LO_00653 Identify a part of a circle (center, radius, chord, or diameter).
7.SP.4 Compare numerical distribution data sets using random samples to solve word problems.	SMMA_LO_01221 Find and compare the average variation of two sets of data.
7.RP.3 Solves word problems involving percentages.	SMMA_LO_00178 Find the total cost, given an amount and the sales tax percentage.
	SMMA_LO_00278 Find the percent of increase.
	SMMA_LO_00845 Identify a correct expression to solve a problem about sales tax.
	SMMA_LO_01636 Find the number of grams that represents a percentage of the total weight (whole numbers).
	SMMA_LO_01637 Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).
	SMMA_LO_01805 Solve for a variable in the formula for simple interest (whole numbers and decimals).
7.SP.8 Determines probability of compound events when data is presented in tables, and calculates probability of compound events.	SMMA_LO_01209 Given a graphical representation of a spinner, count the number of possible outcomes and complete a list of all the outcomes.
	SMMA_LO_01218 Given a coordinate grid to represent outcomes of tossing a pair of number cubes, identify the point that represents a given pair of outcomes.
	SMMA_LO_01219 Given a coordinate grid to represent outcomes of tossing a pair of number cubes, identify all points that represent the sum given for a pair of outcomes.
	SMMA_LO_01665 Given a graphical representation of two spinners, count all the possible outcomes for spinning each spinner once.
	SMMA_LO_01717 Determine the number of arrangements that can be made from two groups with two items.

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	SMMA_LO_01718 Determine the arrangements that can be made with a group of two and a group of three items.
7.RP.1 Solves word problems involving rate and percentages, and ratios.	SMMA_LO_01826 Identify the correct proportion for the context, and then solve.
Spring	
7.G.6 Determines volume of rectangular or triangular prisms when given dimensions.	SMMA_LO_00838 Find the volume of a rectangular or triangular prism.
	SMMA_LO_00848 Choose the best estimate for the volume of a rectangular prism.
	SMMA_LO_01817 Solve for a variable in the formula for volume of a rectangular prism (whole numbers and mixed numbers).
	SMMA_LO_01819 Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.
7.EE.4 Solves word problems by evaluating given equations, and by writing and solving equations of the form $px + r = q$, where p, q , and r are specific rational numbers.	SMMA_LO_00356 Solve for a or c in $a/b + c/b = d/b$ (sums $2/3$ to $11/12$).
	SMMA_LO_00360 Solve for a or c in $(a/b - c/b = d/b)$ (minuends $2/3$ to $11/12$).
	SMMA_LO_00362 Solve for a or c in $a/b - c/b = d/b$ (improper fractions, minuends $4/3$ to $35/12$).
	SMMA_LO_00364 Solve for a or c in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$).
	SMMA_LO_00382 Solve for a in $ba/c = d$ by multiplying by the reciprocal.
	SMMA_LO_00383 Complete the steps to solve for x in $ax + b = c$.
	SMMA_LO_00384 Solve for x in $ax + b = c$.
	SMMA_LO_00385 Identify the equation that translates the written phrase ($ax + b = c$).
	SMMA_LO_00386 Identify the equation that translates the written phrase ($ax + b = c$).
	SMMA_LO_00388 Solve for a in $a + b = c$ (a is from -20 to -1).
	SMMA_LO_00389 Solve for a in $a - b = c$ (differences from -19 to 11).
	SMMA_LO_00390 Solve for x in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$).

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	SMMA_LO_00391 Solve for a in $a/b = c$ (products from $-(4 \times 4)$ to $-(9 \times 9)$).
	SMMA_LO_00392 Complete the steps to solve for x in $ax + b = c$ (x is from -9 to -1).
	SMMA_LO_00393 Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 2).
	SMMA_LO_00394 Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 9).
	SMMA_LO_00395 Solve for x in $-x = a$ (numbers from -99 to 99).
	SMMA_LO_00396 Complete the steps to solve for x in $a - x = b$.
	SMMA_LO_00397 Determine whether a given value for x is a solution for $ax + b = c$ (x is from -9 to 9).
	SMMA_LO_01638 Solve for a two-step equation in context.
	SMMA_LO_01800 Solve a one-step equation (multiplication and division, integers).
	SMMA_LO_01801 Solve a one-step equation (addition and subtraction, one-digit integers).
	SMMA_LO_01844 Solve a one-step equation (two-digit integers, addition and subtraction).
	SMMA_LO_01845 Solve a one-step equation (integers, multiplication and division).
	SMMA_LO_01846 Solve a two-step equation (integers).
	SMMA_LO_01848 Solve a one-step equation (fractions, addition and subtraction).
	SMMA_LO_01849 Solve a one-step equation (decimal integers, multiplication and division).
	SMMA_LO_01850 Solve a two-step equation (fractions, multiplication).
	SMMA_LO_01851 Solve a two-step equation (decimals).
	SMMA_LO_00118 Identify $-(a + b)$ as equivalent to $-a - b$, where a and b are 1 to 9.
	SMMA_LO_01523 Identify $-(a - b)$ as equivalent to $-a + b$ (a and b from 1 to 9).
	SMMA_LO_01524 Identify $-(-a - b)$ as equivalent to $a + b$ (a and b from 1 to 9).
	SMMA_LO_01533 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.

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	SMMA_LO_00828 Find the circumference, given the length of the diameter or the radius ($\pi = 3.14$).
	SMMA_LO_01779 Measure the diameter of a circle, and then determine the circumference.
	SMMA_LO_01780 Measure the radius of a circle, and then determine the circumference.
	SMMA_LO_01781 Measure the diameter of a circle, and then determine the area.
	SMMA_LO_01783 Measure the radius of a circle, and then determine the area.
	SMMA_LO_01784 Determine the most accurate representation of the circumference of a circle.
	SMMA_LO_01855 Given the radius, find the circumference of a circle within context.
	SMMA_LO_01856 Given the diameter, find the circumference of a circle within context.
	SMMA_LO_00633 Identify parts of a circle (center, radius, and diameter).
	SMMA_LO_00653 Identify a part of a circle (center, radius, chord, or diameter).
	SMMA_LO_00357 Solve for a or b in $a \times b = c$ (products 6×2 to 9×12).
	SMMA_LO_00363 Solve for a or b in $a \times b = x$ (products 2×10 to 12×12).
	SMMA_LO_00366 Solve for a or b in $a \times b = x$ (products 2×20 to 12×90 , multiples of 10).
	SMMA_LO_00369 Solve for a or b in $a \times b = c$ (products from 0.2×0.6 to 0.9×0.9).
	SMMA_LO_00376 Solve for a or b in $a \times b = c$ (products from 0.02×0.13 to 0.09×0.19).
	SMMA_LO_00380 Solve for x in $ax = c$ in steps (products 4×4 to 9×10).
	SMMA_LO_01690 Solve a one-step equation (multiplication).
	SMMA_LO_01692 Solve a one-step equation (division).
	SMMA_LO_01745 Solve a one-step equation in context (division, two-digit whole numbers).
	SMMA_LO_01747 Solve a one-step equation in context (division, two-digit whole numbers).
	SMMA_LO_01847 Solve a one-step equation (fractions, multiplication and division).

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7.NS.1 Adds or subtracts rational numbers.	SMMA_LO_00102 Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).
	SMMA_LO_00107 Add two negative integers or add 0 and a negative integer (sums -20 to 0).
	SMMA_LO_00108 Add a positive and a negative integer (one-digit addends, sums -9 to 9).
	SMMA_LO_00109 Add two integers using addition facts (addends -10 to 10, sums -20 to 20).
	SMMA_LO_00128 Evaluate $-(-a + b)$, where $1 < a$, $b < 9$.
	SMMA_LO_01115 Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).
	SMMA_LO_02085 Represent addition of integers on a number line.
	SMMA_LO_00168 Add metric measurements with unlike units and express the sum in terms of the smaller unit.
	SMMA_LO_01505 Subtract integers using a number line (differences -5 to 1).
	SMMA_LO_01506 Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).
	SMMA_LO_01507 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01508 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01510 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01511 Subtract integers using a number line (differences -5 to 4).
	SMMA_LO_01513 Subtract integers (minuends -11 to -20, subtrahends -1 to -10, negative differences).
	SMMA_LO_01514 Identify $a - b$ as equivalent to $a + (-b)$, where a and b are 1 to 20.
	SMMA_LO_01515 Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).

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	SMMA_LO_01516 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01517 Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).
	SMMA_LO_01519 Subtract integers (minuend 0, subtrahends 1 to 20).
	SMMA_LO_01520 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01521 Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends -9 to 9).
	SMMA_LO_01522 Subtract integers (minuends -10 to 0, subtrahends -10 to -1).
	SMMA_LO_01525 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01526 Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).
	SMMA_LO_01529 Identify $-(a - b)$ as equivalent to $-a + b$ with variables.
	SMMA_LO_01530 Identify $-(-a - b)$ as equivalent to $a + b$ with variables.
7.NS.2 Multiplies rational numbers.	SMMA_LO_00118 Identify $-(a + b)$ as equivalent to $-a - b$, where a and b are 1 to 9.
	SMMA_LO_01523 Identify $-(a - b)$ as equivalent to $-a + b$ (a and b from 1 to 9).
	SMMA_LO_01524 Identify $-(-a - b)$ as equivalent to $a + b$ (a and b from 1 to 9).
	SMMA_LO_01533 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.
	SMMA_LO_01534 Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$.
7.SP.6 Determines probability of an event by calculating probability of a sample space.	SMMA_LO_01738 Determine the event that is most or least likely; then conduct a simulation in which the results are recorded so that theoretical and experimental probability can be compared.

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7.G.5 Determines the measure of an unknown angle when given the supplementary angle, and identifies pairs of complementary and supplementary angles.	SMMA_LO_00670 Establish that vertical angles are congruent.
	SMMA_LO_00674 Find the measure of the missing angle in a diagram.
	SMMA_LO_00677 Solve a problem involving equal angle measures.
7.RP.2 Determines ratios represented a table of x- and y-coordinates, and by a line graph.	SMMA_LO_02001 Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.
	SMMA_LO_02002 Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.
7.RP.1 Solves word problems involving ratios of time and distance.	SMMA_LO_01826 Identify the correct proportion for the context, and then solve.
7.G.1 Solves word problems involving scale drawings to determine perimeter.	SMMA_LO_00513 Identify the scale factor in similar shapes to find the missing corresponding sides.
	SMMA_LO_00815 Determine distances from scale drawings (inches to miles, cm to km).
	SMMA_LO_00846 Interpret scale drawings (metric and customary units of length).
6.SP.5 Solves word problems by comparing mean, median, mode and range of a set of data.	SMMA_LO_00151 Find the average (mean) of 3 numbers.
	SMMA_LO_00836 Determine the average (mean) of a data set of three to five customary weights or metric masses.
	SMMA_LO_01168 Identify the median of a data set with an odd number of items.
	SMMA_LO_01170 Identify the median of a data set with an even number of items and the two middle values are not equal.
	SMMA_LO_01176 Determine the range of a set of data represented in a line graph.
	SMMA_LO_01210 Determine the average (mean), median, mode, and range.
	SMMA_LO_01719 Determine the mode of a data set.
	SMMA_LO_01726 Determine the median of a data set.

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	SMMA_LO_01727 Determine the mean of a data set.
	SMMA_LO_01766 Determine the range of a set of data.
	SMMA_LO_01768 Determine the median of a set of data.
	SMMA_LO_01169 Identify the median of a data set with an even number of items and the two middle values are equal.
	SMMA_LO_01619 Solve a problem in context by finding the average (mean) of three to seven numbers.
7.EE.1 Simplifies algebraic expressions, and identifies equivalent expressions by factoring.	SMMA_LO_02149 Apply properties of operations to add two linear expressions.
7.SP.8 Calculates probability of compound events.	SMMA_LO_01209 Given a graphical representation of a spinner, count the number of possible outcomes and complete a list of all the outcomes.
	SMMA_LO_01218 Given a coordinate grid to represent outcomes of tossing a pair of number cubes, identify the point that represents a given pair of outcomes.
	SMMA_LO_01219 Given a coordinate grid to represent outcomes of tossing a pair of number cubes, identify all points that represent the sum given for a pair of outcomes.
	SMMA_LO_01665 Given a graphical representation of two spinners, count all the possible outcomes for spinning each spinner once.
	SMMA_LO_01717 Determine the number of arrangements that can be made from two groups with two items.
	SMMA_LO_01718 Determine the arrangements that can be made with a group of two and a group of three items.
7.RP.3 Solves word problems involving percentages.	SMMA_LO_00178 Find the total cost, given an amount and the sales tax percentage.
	SMMA_LO_00278 Find the percent of increase.
	SMMA_LO_00845 Identify a correct expression to solve a problem about sales tax.

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	SMMA_LO_01636 Find the number of grams that represents a percentage of the total weight (whole numbers).
	SMMA_LO_01637 Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).
	SMMA_LO_01805 Solve for a variable in the formula for simple interest (whole numbers and decimals).
7.SP.4 Compare numerical distribution data sets using random samples to solve word problems.	SMMA_LO_01221 Find and compare the average variation of two sets of data.
7.G.4 Determines circumference of circles when given dimensions.	SMMA_LO_00828 Find the circumference, given the length of the diameter or the radius ($\pi = 3.14$).
	SMMA_LO_01779 Measure the diameter of a circle, and then determine the circumference.
	SMMA_LO_01780 Measure the radius of a circle, and then determine the circumference.
	SMMA_LO_01784 Determine the most accurate representation of the circumference of a circle.
	SMMA_LO_01855 Given the radius, find the circumference of a circle within context.
	SMMA_LO_01856 Given the diameter, find the circumference of a circle within context.