



# SuccessMaker®

## Alignments to SuccessMaker

Providing rigorous intervention  
for K-8 learners with unparalleled precision

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
<b>Fall</b>			
7.EE.4	Solves two-step equations.	Complete the steps to solve for x in $a - x = b$ .	SMMA_LO_00396
		Solve for a two-step equation in context.	SMMA_LO_01638
		Solve a two-step equation (integers).	SMMA_LO_01846
		Solve a two-step equation (fractions, multiplication).	SMMA_LO_01850
		Solve a two-step equation (decimals).	SMMA_LO_01851
		Identify the two-step equation that is a translation of the written phrase within a context.	SMMA_LO_01814
7.G.6	Determines volume of rectangular prisms when given dimensions.	Find the volume of a rectangular or triangular prism.	SMMA_LO_00838
		Choose the best estimate for the volume of a rectangular prism.	SMMA_LO_00848
		Solve for a variable in the formula for volume of a rectangular prism (whole numbers and mixed numbers).	SMMA_LO_01817
		Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.	SMMA_LO_01819
7.EE.1	Simplifies algebraic expressions.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.RP.1	Solves word problems involving ratios.	Identify the correct proportion for the context, and then solve.	SMMA_LO_01826
7.NS.3	Evaluates numeric expressions involving multiple operations and rational numbers.	Evaluate an algebraic expression with exponents (integers -10 to 10).	SMMA_LO_01818
		Evaluate an algebraic expression (integers 10 to 10).	SMMA_LO_01842
		Evaluate an algebraic expression with three variables (-5.9 to 5.9).	SMMA_LO_01843
7.RP.2	Determines ratios represented by a table of x- and y-coordinates.	Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02001

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		Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02002
7.G.6	Determines volume of triangular prisms when given dimensions.	Find the volume of a rectangular or triangular prism.	SMMA_LO_00838
7.NS.2	Multiplies rational numbers.	Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are 1 to 9.	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from 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 $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
		Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ .	SMMA_LO_01534
7.EE.1	Simplifies algebraic expressions.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.RP.3	Solves word problems involving percentages.	Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Find the percent of increase.	SMMA_LO_00278
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_0845
		Find the number of grams that represents a percentage of the total weight (whole numbers).	SMMA_LO_01636
		Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).	SMMA_LO_01637
		Solve for a variable in the formula for simple interest (whole numbers and decimals).	SMMA_LO_01805
7.NS.1	Adds or subtracts rational numbers.	Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).	SMMA_LO_00102
		Add two negative integers or add 0 and a negative integer (sums $-20$ to $0$ ).	SMMA_LO_00107
		Add a positive and a negative integer (one-digit addends, sums $-9$ to $9$ ).	SMMA_LO_00108

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		Add two integers using addition facts (addends -10 to 10, sums -20 to 20).	SMMA_LO_00109
		Evaluate $-(-a + b)$ , where $1 < a, b < 9$ .	SMMA_LO_00128
		Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).	SMMA_LO_01115
		Represent addition of integers on a number line.	SMMA_LO_02085
		Determine if the sum is positive or negative (one- and two-digit addends).	SMMA_LO_001068
		Locate an integer on the number line (differences -5 to 1).	SMMA_LO_01505
		Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).	SMMA_LO_01506
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01507
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01508
		Subtract integers (minuends 0 to 20, subtrahends 1 to 40).	SMMA_LO_01510
		Subtract integers using a number line.	SMMA_LO_01511
		Subtract integers (minuends -20 to -10, subtrahends 0 to 10).	SMMA_LO_01513
		Identify $a - b$ as equivalent to $a + (-b)$ , where $a$ and $b$ are 1 to 20.	SMMA_LO_01514
		Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).	SMMA_LO_01515
		Subtract integers (minuends -20 to 20, subtrahends 0 to -20).	SMMA_LO_01516
		Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).	SMMA_LO_01517
		Subtract an integer from 0 (subtrahends -20 to 20).	SMMA_LO_01519
		Subtract integers (minuends 0 to 20, subtrahends -10 to -1).	SMMA_LO_01520

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		Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends $-9$ to $9$ ).	SMMA_LO_01521
		Subtract integers (minuends $-10$ to $0$ , subtrahends $-10$ to $-1$ ).	SMMA_LO_01522
		Subtract integers (minuends $-10$ to $10$ , subtrahends $-10$ to $10$ ).	SMMA_LO_01525
		Subtract integers (minuends $-20$ to $20$ , subtrahends $-20$ to $20$ ).	SMMA_LO_01526
		Identify $-(a - b)$ as equivalent to $-a + b$ with variables.	SMMA_LO_01529
		Identify $-(-a - b)$ as equivalent to $a + b$ with variables.	SMMA_LO_01530
7.G.1	Solves word problems involving scale drawings to determine perimeter.	Identify the scale factor in similar shapes to find the missing corresponding sides.	SMMA_LO_00513
		Determine distances from scale drawings (inches to miles, cm to km).	SMMA_LO_00815
		Interpret scale drawings (metric and customary units of length).	SMMA_LO_00846
7.RP.2	Determines proportional relationships between quantities to solve word problems.	Identify an equation that can be used to solve a two-step problem in context.	SMMA_LO_01297
		Given the number of kilowatt-hours used and a price, find the total cost of power.	SMMA_LO_01336
		Convert light years to kilometers and kilometers to light years.	SMMA_LO_01339
		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	SMMA_LO_02089
7.NS.1	Identifies true inequalities represented on a number line.	Locate an integer on the number line (differences $-5$ to $1$ ).	SMMA_LO_01505
		Subtract integers (minuends $0$ to $10$ , subtrahends $1$ to $10$ , differences negative).	SMMA_LO_01506
		Subtract integers (minuends $0$ to $19$ , subtrahends $1$ to $20$ , negative differences).	SMMA_LO_01507

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		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01508
		Subtract integers using a number line.	SMMA_LO_01511
		Represent subtraction of integers on a number line.	SMMA_LO_02152
		Represent addition and subtraction of rational numbers (fractions) on a number line.	SMMA_LO_02153
		Represent addition and subtraction of rational numbers (decimals) on a number line.	SMMA_LO_02154
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.	Solve for $a$ or $c$ in $a/b + c/b = d/b$ (sums $2/3$ to $11/12$ ).	SMMA_LO_00356
		Solve for $a$ or $c$ in $a/b - c/b = d/b$ (minuends $2/3$ to $11/12$ ).	SMMA_LO_00360
		Solve for $a$ or $c$ in $a/b - c/b = d/b$ (improper fractions, minuends $4/3$ to $35/12$ ).	SMMA_LO_00362
		Solve for $a$ or $c$ in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$ ).	SMMA_LO_00364
		Solve for $a$ in $ba/c = d$ by multiplying by the reciprocal.	SMMA_LO_00382
		Complete the steps to solve for $x$ in $ax + b = c$ .	SMMA_LO_00383
		Solve for $x$ in $ax + b = c$ .	SMMA_LO_00384
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00385
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00386
		Solve for $a$ in $a + b = c$ ( $a$ is from $-20$ to $-1$ ).	SMMA_LO_00388
		Solve for $a$ in $a - b = c$ (differences from $-19$ to $11$ ).	SMMA_LO_00389
		Solve for $x$ in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00390

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

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7.RP.3	Solves word problems involving percentages.	Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Find the percent of increase.	SMMA_LO_00278
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_0845
		Find the number of grams that represents a percentage of the total weight (whole numbers).	SMMA_LO_01636
		Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).	SMMA_LO_01637
		Solve for a variable in the formula for simple interest (whole numbers and decimals).	SMMA_LO_01805
<b>Winter</b>			
7.G.6	Determines volume of rectangular prisms when given dimensions.	Find the volume of a rectangular or triangular prism.	SMMA_LO_00838
		Choose the best estimate for the volume of a rectangular prism.	SMMA_LO_00848
		Solve for a variable in the formula for volume of a rectangular prism (whole numbers and mixed numbers).	SMMA_LO_01817
		Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.	SMMA_LO_01819
7.EE.1	Simplifies algebraic expressions.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.RP.1	Solves word problems involving ratios.	Identify the correct proportion for the context, and then solve.	SMMA_LO_01826
7.NS.3	Evaluates numeric expressions involving rational numbers.	Evaluate an algebraic expression with exponents (integers -10 to 10).	SMMA_LO_01818
		Evaluate an algebraic expression (integers 10 to 10).	SMMA_LO_01842
		Evaluate an algebraic expression with three variables (-5.9 to 5.9).	SMMA_LO_01843

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7.SP.6	Determines probability of an event by calculating probability of a sample space.	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.	SMMA_LO_01738
7.RP.2	Determines ratios represented by a line graph.	Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02001
		Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02002
7.NS.2	Multiplies rational numbers.	Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are 1 to 9.	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from 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 $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
7.G.5	Determines the measure of an unknown angle when given the complementary angle.	Establish that vertical angles are congruent.	SMMA_LO_00670
		Find the measure of the missing angle in a diagram.	SMMA_LO_00674
		Solve a problem involving equal angle measures.	SMMA_LO_00677
7.NS.1	Adds or subtracts rational numbers.	Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).	SMMA_LO_00102
		Add two negative integers or add 0 and a negative integer (sums $-20$ to $0$ ).	SMMA_LO_00107
		Add a positive and a negative integer (one-digit addends, sums $-9$ to $9$ ).	SMMA_LO_00108
		Add two integers using addition facts (addends $-10$ to $10$ , sums $-20$ to $20$ ).	SMMA_LO_00109
		Evaluate $-(-a + b)$ , where $1 < a, b < 9$ .	SMMA_LO_00128

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		Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).	SMMA_LO_01115
		Represent addition of integers on a number line.	SMMA_LO_02085
		Determine if the sum is positive or negative (one- and two-digit addends).	SMMA_LO_001068
		Locate an integer on the number line (differences -5 to 1).	SMMA_LO_01505
		Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).	SMMA_LO_01506
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01507
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01508
		Subtract integers (minuends 0 to 20, subtrahends 1 to 40).	SMMA_LO_01510
		Subtract integers using a number line.	SMMA_LO_01511
		Subtract integers (minuends -20 to -10, subtrahends 0 to 10).	SMMA_LO_01513
		Identify $a - b$ as equivalent to $a + (-b)$ , where $a$ and $b$ are 1 to 20.	SMMA_LO_01514
		Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).	SMMA_LO_01515
		Subtract integers (minuends -20 to 20, subtrahends 0 to -20).	SMMA_LO_01516
		Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).	SMMA_LO_01517
		Subtract an integer from 0 (subtrahends -20 to 20).	SMMA_LO_01519
		Subtract integers (minuends 0 to 20, subtrahends -10 to -1).	SMMA_LO_01520
		Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends -9 to 9).	SMMA_LO_01521
		Subtract integers (minuends -10 to 0, subtrahends -10 to -1).	SMMA_LO_01522

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		Subtract integers (minuends -10 to 10, subtrahends -10 to 10).	SMMA_LO_01525
		Subtract integers (minuends -20 to 20, subtrahends -20 to 20).	SMMA_LO_01526
		Identify $-(a - b)$ as equivalent to $-a + b$ with variables.	SMMA_LO_01529
		Identify $-(a - b)$ as equivalent to $a + b$ with variables.	SMMA_LO_01530
7.G.5	Determines the measure of an unknown angle when given the supplementary angle.	Establish that vertical angles are congruent.	SMMA_LO_00670
		Find the measure of the missing angle in a diagram.	SMMA_LO_00674
		Solve a problem involving equal angle measures.	SMMA_LO_00677
7.EE.1	Identifies equivalent expressions by factoring.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
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.	Solve for $a$ or $c$ in $a/b + c/b = d/b$ (sums $2/3$ to $11/12$ ).	SMMA_LO_00356
		Solve for $a$ or $c$ in $(a/b - c/b = d/b)$ (minuends $2/3$ to $11/12$ ).	SMMA_LO_00360
		Solve for $a$ or $c$ in $a/b - c/b = d/b$ (improper fractions, minuends $4/3$ to $35/12$ ).	SMMA_LO_00362
		Solve for $a$ or $c$ in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$ ).	SMMA_LO_00364
		Solve for $a$ in $ba/c = d$ by multiplying by the reciprocal.	SMMA_LO_00382
		Complete the steps to solve for $x$ in $ax + b = c$ .	SMMA_LO_00383
		Solve for $x$ in $ax + b = c$ .	SMMA_LO_00384
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00385
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00386
		Solve for $a$ in $a + b = c$ ( $a$ is from $-20$ to $-1$ ).	SMMA_LO_00388

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		Solve for a in $a - b = c$ (differences from -19 to 11).	SMMA_LO_00389
		Solve for x in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00390
		Solve for a in $a/b = c$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00391
		Complete the steps to solve for x in $ax + b = c$ (x is from -9 to -1).	SMMA_LO_00392
		Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 2).	SMMA_LO_00393
		Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 9).	SMMA_LO_00394
		Solve for x in $-x = a$ (numbers from -99 to 99).	SMMA_LO_00395
		Complete the steps to solve for x in $a - x = b$ .	SMMA_LO_00396
		Determine whether a given value for x is a solution for $ax + b = c$ (x is from -9 to 9).	SMMA_LO_00397
		Solve for a two-step equation in context.	SMMA_LO_01638
		Solve a one-step equation (multiplication and division, integers).	SMMA_LO_01800
		Solve a one-step equation (addition and subtraction, one-digit integers).	SMMA_LO_01801
		Solve a one-step equation (two-digit integers, addition and subtraction).	SMMA_LO_01844
		Solve a one-step equation (integers, multiplication and division).	SMMA_LO_01845
		Solve a two-step equation (integers).	SMMA_LO_01846
		Solve a one-step equation (fractions, addition and subtraction).	SMMA_LO_01848
		Solve a one-step equation (decimals, multiplication and division).	SMMA_LO_01849
		Solve a two-step equation (fractions, multiplication).	SMMA_LO_01850
		Solve a two-step equation (decimals).	SMMA_LO_01851

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7.NS.2	Multiplies rational numbers.	Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are 1 to 9.	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from 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 $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
7.G.4	Solves word problems involving area of whole or partial circles when given dimensions.	Find the circumference, given the length of the diameter or the radius ( $\pi = 3.14$ ).	SMMA_LO_00828
		Measure the diameter of a circle, and then determine the circumference.	SMMA_LO_01779
		Measure the radius of a circle, and then determine the circumference.	SMMA_LO_01780
		Measure the diameter of a circle, and then determine the area.	SMMA_LO_01781
		Measure the radius of a circle, and then determine the area.	SMMA_LO_01783
		Determine the most accurate representation of the circumference of a circle.	SMMA_LO_01784
		Given the radius, find the circumference of a circle within context.	SMMA_LO_01855
		Given the diameter, find the circumference of a circle within context.	SMMA_LO_01856
		Identify parts of a circle (center, radius, and diameter).	SMMA_LO_00633
		Identify a part of a circle (center, radius, chord, or diameter).	SMMA_LO_00653
7.NS.1	Identifies true equations represented on a number line.	Locate an integer on the number line (differences -5 to 1).	SMMA_LO_01505
		Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).	SMMA_LO_01506
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01507

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		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01508
		Subtract integers using a number line.	SMMA_LO_01511
		Represent subtraction of integers on a number line.	SMMA_LO_02152
		Represent addition and subtraction of rational numbers (fractions) on a number line.	SMMA_LO_02153
		Represent addition and subtraction of rational numbers (decimals) on a number line.	SMMA_LO_02154
7.EE.1	Simplifies algebraic expressions.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.SP.8	Determines probability of compound events when data is presented in tables.	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_01218
		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_01219
		Given a graphical representation of two spinners, count all the possible outcomes for spinning each spinner once.	SMMA_LO_01665
		Determine the number of arrangements that can be made from two groups with two items.	SMMA_LO_01717
		Determine the arrangements that can be made with a group of two and a group of three items.	SMMA_LO_01718
7.SP.4	Compare numerical distribution data sets using random samples to solve word problems.	Find and compare the average variation of two sets of data.	SMMA_LO_01221
7.G.5	Identifies pairs of supplementary angles.	Establish that vertical angles are congruent.	SMMA_LO_00670
		Find the measure of the missing angle in a diagram.	SMMA_LO_00674
		Solve a problem involving equal angle measures.	SMMA_LO_00677

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

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Determine whether a given value for $x$ is a solution for $ax + b = c$ ( $x$ is from $-9$ to $9$ ).	SMMA_LO_00397
		Solve for a two-step equation in context.	SMMA_LO_01638
		Solve a one-step equation (multiplication and division, integers).	SMMA_LO_01800
		Solve a one-step equation (addition and subtraction, one-digit integers).	SMMA_LO_01801
		Solve a one-step equation (two-digit integers, addition and subtraction).	SMMA_LO_01844
		Solve a one-step equation (integers, multiplication and division).	SMMA_LO_01845
		Solve a two-step equation (integers).	SMMA_LO_01846
		Solve a one-step equation (fractions, addition and subtraction).	SMMA_LO_01848
		Solve a one-step equation (decimals, multiplication and division).	SMMA_LO_01849
		Solve a two-step equation (fractions, multiplication).	SMMA_LO_01850
		Solve a two-step equation (decimals).	SMMA_LO_01851
		Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are $1$ to $9$ .	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from $1$ to $9$ ).	SMMA_LO_01523
		Identify $-(-a - b)$ as equivalent to $a + b$ ( $a$ and $b$ from $1$ to $9$ ).	SMMA_LO_01524
		Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
		Find the circumference, given the length of the diameter or the radius ( $\pi = 3.14$ ).	SMMA_LO_00828
		Measure the diameter of a circle, and then determine the circumference.	SMMA_LO_01779
		Measure the radius of a circle, and then determine the circumference.	SMMA_LO_01780

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Measure the diameter of a circle, and then determine the area.	SMMA_LO_01781
		Measure the radius of a circle, and then determine the area.	SMMA_LO_01783
		Determine the most accurate representation of the circumference of a circle.	SMMA_LO_01784
		Given the radius, find the circumference of a circle within context.	SMMA_LO_01855
		Given the diameter, find the circumference of a circle within context.	SMMA_LO_01856
		Identify parts of a circle (center, radius, and diameter).	SMMA_LO_00633
		Identify a part of a circle (center, radius, chord, or diameter).	SMMA_LO_00653
		Solve for a or b in $a \times b = c$ (products $6 \times 2$ to $9 \times 12$ ).	SMMA_LO_00357
		Solve for a or b in $a \times b = x$ (products $2 \times 10$ to $12 \times 12$ ).	SMMA_LO_00363
		Solve for a or b in $a \times b = x$ (products $2 \times 20$ to $12 \times 90$ , multiples of 10).	SMMA_LO_00366
		Solve for a or b in $a \times b = c$ (products from $0.2 \times 0.6$ to $0.9 \times 0.9$ ).	SMMA_LO_00369
		Solve for a or b in $a \times b = c$ (products from $0.02 \times 0.13$ to $0.09 \times 0.19$ ).	SMMA_LO_00376
		Solve for x in $ax = c$ in steps (products $4 \times 4$ to $9 \times 10$ ).	SMMA_LO_00380
		Solve a one-step equation (multiplication).	SMMA_LO_01690
		Solve a one-step equation (division).	SMMA_LO_01692
		Solve a one-step equation in context (division, two-digit whole numbers).	SMMA_LO_01745
		Solve a one-step equation in context (division, two-digit whole numbers).	SMMA_LO_01747

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Solve a one-step equation (fractions, multiplication and division).	SMMA_LO_01847
7.RP.3	Solves word problems involving percentages.	Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Find the percent of increase.	SMMA_LO_00278
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_0845
		Find the number of grams that represents a percentage of the total weight (whole numbers).	SMMA_LO_01636
		Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).	SMMA_LO_01637
		Solve for a variable in the formula for simple interest (whole numbers and decimals).	SMMA_LO_01805
7.SP.8	Calculates probability of compound events.	Given a graphical representation of a spinner, count the number of possible outcomes and complete a list of all the outcomes.	SMMA_LO_01209
		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_01218
		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_01219
		Given a graphical representation of two spinners, count all the possible outcomes for spinning each spinner once.	SMMA_LO_01665
		Determine the number of arrangements that can be made from two groups with two items.	SMMA_LO_01717
		Determine the arrangements that can be made with a group of two and a group of three items.	SMMA_LO_01718

<b>AimswestPlus Code</b>	<b>AimswestPlus Description Grade 7</b>	<b>SuccessMaker Item Description</b>	<b>Item ID</b>
7.RP.3	Solves word problems involving percentages.	Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Find the percent of increase.	SMMA_LO_00278
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_0845
		Find the number of grams that represents a percentage of the total weight (whole numbers).	SMMA_LO_01636
		Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).	SMMA_LO_01637
		Solve for a variable in the formula for simple interest (whole numbers and decimals).	SMMA_LO_01805
7.RP.1	Solves word problems involving rate and percentages.	Identify the correct proportion for the context, and then solve.	SMMA_LO_01826
<b>Spring</b>			
7.G.6	Determines volume of rectangular prisms when given dimensions.	Find the volume of a rectangular or triangular prism.	SMMA_LO_00838
		Choose the best estimate for the volume of a rectangular prism.	SMMA_LO_00848
		Solve for a variable in the formula for volume of a rectangular prism (whole numbers and mixed numbers).	SMMA_LO_01817
		Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.	SMMA_LO_01819
7.EE.1	Simplifies algebraic expressions.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.EE.4	Solves word problems by evaluating given equations.	Solve for a or c in $a/b + c/b = d/b$ (sums 2/3 to 11/12).	SMMA_LO_00356
		Solve for a or c in $(a/b - c/b = d/b)$ (minuends 2/3 to 11/12).	SMMA_LO_00360
		Solve for a or c in $a/b - c/b = d/b$ (improper fractions, minuends 4/3 to 35/12).	SMMA_LO_00362

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Solve for a or c in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$ ).	SMMA_LO_00364
		Solve for a in $ba/c = d$ by multiplying by the reciprocal.	SMMA_LO_00382
		Complete the steps to solve for x in $ax + b = c$ .	SMMA_LO_00383
		Solve for x in $ax + b = c$ .	SMMA_LO_00384
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00385
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00386
		Solve for a in $a + b = c$ (a is from -20 to -1).	SMMA_LO_00388
		Solve for a in $a - b = c$ (differences from -19 to 11).	SMMA_LO_00389
		Solve for x in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00390
		Solve for a in $a/b = c$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00391
		Complete the steps to solve for x in $ax + b = c$ (x is from -9 to -1).	SMMA_LO_00392
		Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 2).	SMMA_LO_00393
		Complete the steps to solve for x in $ax - b = c$ (x is from -9 to 9).	SMMA_LO_00394
		Solve for x in $-x = a$ (numbers from -99 to 99).	SMMA_LO_00395
		Complete the steps to solve for x in $a - x = b$ .	SMMA_LO_00396
		Determine whether a given value for x is a solution for $ax + b = c$ (x is from -9 to 9).	SMMA_LO_00397
		Solve for a two-step equation in context.	SMMA_LO_01638
		Solve a one-step equation (multiplication and division, integers).	SMMA_LO_01800
		Solve a one-step equation (addition and subtraction, one-digit integers).	SMMA_LO_01801

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Solve a one-step equation (two-digit integers, addition and subtraction).	SMMA_LO_01844
		Solve a one-step equation (integers, multiplication and division).	SMMA_LO_01845
		Solve a two-step equation (integers).	SMMA_LO_01846
		Solve a one-step equation (fractions, addition and subtraction).	SMMA_LO_01848
		Solve a one-step equation (decimals, multiplication and division).	SMMA_LO_01849
		Solve a two-step equation (fractions, multiplication).	SMMA_LO_01850
		Solve a two-step equation (decimals).	SMMA_LO_01851
		Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are 1 to 9.	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from 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 $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
		Find the circumference, given the length of the diameter or the radius ( $\pi = 3.14$ ).	SMMA_LO_00828
		Measure the diameter of a circle, and then determine the circumference.	SMMA_LO_01779
		Measure the radius of a circle, and then determine the circumference.	SMMA_LO_01780
		Measure the diameter of a circle, and then determine the area.	SMMA_LO_01781
		Measure the radius of a circle, and then determine the area.	SMMA_LO_01783
		Determine the most accurate representation of the circumference of a circle.	SMMA_LO_01784
		Given the radius, find the circumference of a circle within context.	SMMA_LO_01855

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Given the diameter, find the circumference of a circle within context.	SMMA_LO_01856
		Identify parts of a circle (center, radius, and diameter).	SMMA_LO_00633
		Identify a part of a circle (center, radius, chord, or diameter).	SMMA_LO_00653
		Solve for a or b in $a \times b = c$ (products $6 \times 2$ to $9 \times 12$ ).	SMMA_LO_00357
		Solve for a or b in $a \times b = x$ (products $2 \times 10$ to $12 \times 12$ ).	SMMA_LO_00363
		Solve for a or b in $a \times b = x$ (products $2 \times 20$ to $12 \times 90$ , multiples of 10).	SMMA_LO_00366
		Solve for a or b in $a \times b = c$ (products from $0.2 \times 0.6$ to $0.9 \times 0.9$ ).	SMMA_LO_00369
		Solve for a or b in $a \times b = c$ (products from $0.02 \times 0.13$ to $0.09 \times 0.19$ ).	SMMA_LO_00376
		Solve for x in $ax = c$ in steps (products $4 \times 4$ to $9 \times 10$ ).	SMMA_LO_00380
		Solve a one-step equation (multiplication).	SMMA_LO_01690
		Solve a one-step equation (division).	SMMA_LO_01692
		Solve a one-step equation in context (division, two-digit whole numbers).	SMMA_LO_01745
		Solve a one-step equation in context (division, two-digit whole numbers).	SMMA_LO_01747
		Solve a one-step equation (fractions, multiplication and division).	SMMA_LO_01847
7.RP.1	Solves word problems involving ratios.	Identify the correct proportion for the context, and then solve.	SMMA_LO_01826
7.NS.1	Adds or subtracts rational numbers.	Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).	SMMA_LO_00102
		Add two negative integers or add 0 and a negative integer (sums $-20$ to 0).	SMMA_LO_00107

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Add a positive and a negative integer (one-digit addends, sums -9 to 9).	SMMA_LO_00108
		Add two integers using addition facts (addends -10 to 10, sums -20 to 20).	SMMA_LO_00109
		Evaluate $-(-a + b)$ , where $1 < a, b < 9$ .	SMMA_LO_00128
		Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).	SMMA_LO_01115
		Represent addition of integers on a number line.	SMMA_LO_02085
		Determine if the sum is positive or negative (one- and two-digit addends).	SMMA_LO_001068
		Locate an integer on the number line (differences -5 to 1).	SMMA_LO_01505
		Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).	SMMA_LO_01506
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01507
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01508
		Subtract integers (minuends 0 to 20, subtrahends 1 to 40).	SMMA_LO_01510
		Subtract integers using a number line.	SMMA_LO_01511
		Subtract integers (minuends -20 to -10, subtrahends 0 to 10).	SMMA_LO_01513
		Identify $a - b$ as equivalent to $a + (-b)$ , where $a$ and $b$ are 1 to 20.	SMMA_LO_01514
		Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).	SMMA_LO_01515
		Subtract integers (minuends -20 to 20, subtrahends 0 to -20).	SMMA_LO_01516
		Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).	SMMA_LO_01517
		Subtract an integer from 0 (subtrahends -20 to 20).	SMMA_LO_01519

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Subtract integers (minuends 0 to 20, subtrahends -10 to -1).	SMMA_LO_01520
		Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends -9 to 9).	SMMA_LO_01521
		Subtract integers (minuends -10 to 0, subtrahends -10 to -1).	SMMA_LO_01522
		Subtract integers (minuends -10 to 10, subtrahends -10 to 10).	SMMA_LO_01525
		Subtract integers (minuends -20 to 20, subtrahends -20 to 20).	SMMA_LO_01526
		Identify $-(a - b)$ as equivalent to $-a + b$ with variables.	SMMA_LO_01529
		Identify $-(-a - b)$ as equivalent to $a + b$ with variables.	SMMA_LO_01530
7.NS.2	Multiplies rational numbers.	Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are 1 to 9.	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from 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 $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
		Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ .	SMMA_LO_01534
7.SP.6	Determines probability of an event by calculating probability of a sample space.	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.	SMMA_LO_01738
7.G.6	Determines volume of triangular prisms when given dimensions.	Find the volume of a rectangular or triangular prism.	SMMA_LO_00838
7.G.5	Determines the measure of an unknown angle when given the supplementary angle.	Establish that vertical angles are congruent.	SMMA_LO_00670
		Find the measure of the missing angle in a diagram.	SMMA_LO_00674
		Solve a problem involving equal angle measures.	SMMA_LO_00677
7.RP.2	Determines ratios represented by a table of $x$ - and $y$ -coordinates.	Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02001

AimswebPlus Code	AimswebPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02002
7.NS.2	Multiplies rational numbers.	Identify $-(a + b)$ as equivalent to $-a - b$ , where $a$ and $b$ are 1 to 9.	SMMA_LO_00118
		Identify $-(a - b)$ as equivalent to $-a + b$ ( $a$ and $b$ from 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 $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ with variables.	SMMA_LO_01533
		Identify $a \times (b - c)$ as equivalent to $(a \times b) - (a \times c)$ .	SMMA_LO_01534
7.RP.2	Determines ratios represented by a line graph.	Identify the unit rate given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02001
		Identify the constant of proportionality given a table, a graph, an equation, a diagram, or a word problem.	SMMA_LO_02002
7.RP.1	Solves word problems involving ratios of time and distance.	Identify the correct proportion for the context, and then solve.	SMMA_LO_01826
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.	Solve for $a$ or $c$ in $a/b + c/b = d/b$ (sums $2/3$ to $11/12$ ).	SMMA_LO_00356
		Solve for $a$ or $c$ in $(a/b - c/b) = d/b$ (minuends $2/3$ to $11/12$ ).	SMMA_LO_00360
		Solve for $a$ or $c$ in $a/b - c/b = d/b$ (improper fractions, minuends $4/3$ to $35/12$ ).	SMMA_LO_00362
		Solve for $a$ or $c$ in $a/b + c/b = d/b$ (improper fractions, sums $4/3$ to $35/12$ ).	SMMA_LO_00364
		Solve for $a$ in $ba/c = d$ by multiplying by the reciprocal.	SMMA_LO_00382
		Complete the steps to solve for $x$ in $ax + b = c$ .	SMMA_LO_00383
		Solve for $x$ in $ax + b = c$ .	SMMA_LO_00384
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00385

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Identify the equation that translates the written phrase ( $ax + b = c$ ).	SMMA_LO_00386
		Solve for $a$ in $a + b = c$ ( $a$ is from $-20$ to $-1$ ).	SMMA_LO_00388
		Solve for $a$ in $a - b = c$ (differences from $-19$ to $11$ ).	SMMA_LO_00389
		Solve for $x$ in $ax = b$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00390
		Solve for $a$ in $a/b = c$ (products from $-(4 \times 4)$ to $-(9 \times 9)$ ).	SMMA_LO_00391
		Complete the steps to solve for $x$ in $ax + b = c$ ( $x$ is from $-9$ to $-1$ ).	SMMA_LO_00392
		Complete the steps to solve for $x$ in $ax - b = c$ ( $x$ is from $-9$ to $2$ ).	SMMA_LO_00393
		Complete the steps to solve for $x$ in $ax - b = c$ ( $x$ is from $-9$ to $9$ ).	SMMA_LO_00394
		Solve for $x$ in $-x = a$ (numbers from $-99$ to $99$ ).	SMMA_LO_00395
		Complete the steps to solve for $x$ in $a - x = b$ .	SMMA_LO_00396
		Determine whether a given value for $x$ is a solution for $ax + b = c$ ( $x$ is from $-9$ to $9$ ).	SMMA_LO_00397
		Solve for $a$ two-step equation in context.	SMMA_LO_01638
		Solve a one-step equation (multiplication and division, integers).	SMMA_LO_01800
		Solve a one-step equation (addition and subtraction, one-digit integers).	SMMA_LO_01801
		Solve a one-step equation (two-digit integers, addition and subtraction).	SMMA_LO_01844
		Solve a one-step equation (integers, multiplication and division).	SMMA_LO_01845
		Solve a two-step equation (integers).	SMMA_LO_01846
		Solve a one-step equation (fractions, addition and subtraction).	SMMA_LO_01848

<b>AimswestPlus Code</b>	<b>AimswestPlus Description Grade 7</b>	<b>SuccessMaker Item Description</b>	<b>Item ID</b>
		Solve a one-step equation (decimals, multiplication and division).	SMMA_LO_01849
		Solve a two-step equation (fractions, multiplication).	SMMA_LO_01850
		Solve a two-step equation (decimals).	SMMA_LO_01851
7.EE.1	Simplifies algebraic expressions.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.G.1	Solves word problems involving scale drawings to determine perimeter.	Identify the scale factor in similar shapes to find the missing corresponding sides.	SMMA_LO_00513
		Determine distances from scale drawings (inches to miles, cm to km).	SMMA_LO_00815
		Interpret scale drawings (metric and customary units of length).	SMMA_LO_00846
7.G.5	Identifies pairs of supplementary angles.	Establish that vertical angles are congruent.	SMMA_LO_00670
		Find the measure of the missing angle in a diagram.	SMMA_LO_00674
		Solve a problem involving equal angle measures.	SMMA_LO_00677
7.NS.1	Adds or subtracts rational numbers.	Find the missing one-digit addend in a number sentence (positive or negative integers, sums are 0).	SMMA_LO_00102
		Add two negative integers or add 0 and a negative integer (sums -20 to 0).	SMMA_LO_00107
		Add a positive and a negative integer (one-digit addends, sums -9 to 9).	SMMA_LO_00108
		Add two integers using addition facts (addends -10 to 10, sums -20 to 20).	SMMA_LO_00109
		Evaluate $-(-a + b)$ , where $1 < a, b < 9$ .	SMMA_LO_00128
		Find a missing number in an arithmetic sequence (-200 to 200, intervals 3 to 8).	SMMA_LO_01115
		Represent addition of integers on a number line.	SMMA_LO_02085

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Determine if the sum is positive or negative (one- and two-digit addends).	SMMA_LO_001068
		Locate an integer on the number line (differences -5 to 1).	SMMA_LO_01505
		Subtract integers (minuends 0 to 10, subtrahends 1 to 10, differences negative).	SMMA_LO_01506
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01507
		Subtract integers (minuends 0 to 19, subtrahends 1 to 20, negative differences).	SMMA_LO_01508
		Subtract integers (minuends 0 to 20, subtrahends 1 to 40).	SMMA_LO_01510
		Subtract integers using a number line.	SMMA_LO_01511
		Subtract integers (minuends -20 to -10, subtrahends 0 to 10).	SMMA_LO_01513
		Identify $a - b$ as equivalent to $a + (-b)$ , where $a$ and $b$ are 1 to 20.	SMMA_LO_01514
		Identify $-a - b$ as equivalent to $-a + (-b)$ (minuends -20 to -1).	SMMA_LO_01515
		Subtract integers (minuends -20 to 20, subtrahends 0 to -20).	SMMA_LO_01516
		Identify $a - (-b)$ as equivalent to $a + b$ (minuends 1 to 10).	SMMA_LO_01517
		Subtract an integer from 0 (subtrahends -20 to 20).	SMMA_LO_01519
		Subtract integers (minuends 0 to 20, subtrahends -10 to -1).	SMMA_LO_01520
		Identify $-a - (-b)$ as equivalent to $-a + b$ (minuends and subtrahends -9 to 9).	SMMA_LO_01521
		Subtract integers (minuends -10 to 0, subtrahends -10 to -1).	SMMA_LO_01522
		Subtract integers (minuends -10 to 10, subtrahends -10 to 10).	SMMA_LO_01525
		Subtract integers (minuends -20 to 20, subtrahends -20 to 20).	SMMA_LO_01526
		Identify $-(a - b)$ as equivalent to $-a + b$ with variables.	SMMA_LO_01529

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Identify $-(a - b)$ as equivalent to $a + b$ with variables.	SMMA_LO_01530
7.EE.1	Identifies equivalent expressions by factoring.	Apply properties of operations to add two linear expressions.	SMMA_LO_02149
7.SP.8	Calculates probability of compound events.	Given a graphical representation of a spinner, count the number of possible outcomes and complete a list of all the outcomes.	SMMA_LO_01209
		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_01218
		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_01219
		Given a graphical representation of two spinners, count all the possible outcomes for spinning each spinner once.	SMMA_LO_01665
		Determine the number of arrangements that can be made from two groups with two items.	SMMA_LO_01717
		Determine the arrangements that can be made with a group of two and a group of three items.	SMMA_LO_01718
7.G.5	Identifies pairs of complementary angles.	Establish that vertical angles are congruent.	SMMA_LO_00670
		Find the measure of the missing angle in a diagram.	SMMA_LO_00674
		Solve a problem involving equal angle measures.	SMMA_LO_00677
7.RP.3	Solves word problems involving percentages.	Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Find the percent of increase.	SMMA_LO_00278
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_0845

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Find the number of grams that represents a percentage of the total weight (whole numbers).	SMMA_LO_01636
		Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).	SMMA_LO_01637
		Solve for a variable in the formula for simple interest (whole numbers and decimals).	SMMA_LO_01805
7.RP.3	Solves word problems involving percentages.	Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Find the percent of increase.	SMMA_LO_00278
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_0845
		Find the number of grams that represents a percentage of the total weight (whole numbers).	SMMA_LO_01636
		Find total earnings for two to four weeks given the weekly salary, commission percentage, and total sales (whole number percents).	SMMA_LO_01637
		Solve for a variable in the formula for simple interest (whole numbers and decimals).	SMMA_LO_01805
7.SP.4	Compare numerical distribution data sets using random samples to solve word problems.	Find and compare the average variation of two sets of data.	SMMA_LO_01221
7.SP.8	Calculates probability of compound events.	Given a graphical representation of a spinner, count the number of possible outcomes and complete a list of all the outcomes.	SMMA_LO_01209
		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_01218
		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_01219

AimswestPlus Code	AimswestPlus Description Grade 7	SuccessMaker Item Description	Item ID
		Given a graphical representation of two spinners, count all the possible outcomes for spinning each spinner once.	SMMA_LO_01665
		Determine the number of arrangements that can be made from two groups with two items.	SMMA_LO_01717
		Determine the arrangements that can be made with a group of two and a group of three items.	SMMA_LO_01718
7.G.4	Determines circumference of circles when given dimensions.	Find the circumference, given the length of the diameter or the radius ( $\pi = 3.14$ ).	SMMA_LO_00828
		Measure the diameter of a circle, and then determine the circumference.	SMMA_LO_01779
		Measure the radius of a circle, and then determine the circumference.	SMMA_LO_01780
		Determine the most accurate representation of the circumference of a circle.	SMMA_LO_01784
		Given the radius, find the circumference of a circle within context.	SMMA_LO_01855
		Given the diameter, find the circumference of a circle within context.	SMMA_LO_01856