



SuccessMaker[®]

Alignments to SuccessMaker

Providing rigorous intervention
for K-8 learners with unparalleled precision

AimswestPlus Code	AimswestPlus Description Grade 8	SuccessMaker Item Description	Item ID
Fall			
8.EE.1	Identifies equivalent numerical expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111
8.F.4	Determines y-intercept, when given the linear equation of a line and points on the line.	Complete an input/output table and identify the algebraic equation that describes the one-step rule.	SMMA_LO_01806
		Complete an input/output table and identify the algebraic equation that describes the twostep rule.	SMMA_LO_01807
8.NS.2	Estimates square roots of non-square numbers.	Drag rational and irrational values to their correct positions on a number line.	SMMA_LO_02141
8.EE.8	Solves word problems involving writing and solving two linear equations.	Identify the solution to a system of linear equations by locating the point of intersection on its graph.	SMMA_LO_02080
		If a system of linear equations has 0 or infinitely many solutions, solve it by inspection. If it has 1 solution, solve it either algebraically or by graphing.	SMMA_LO_02133
		Model a real-world problem with a system of linear equations. Then solve it by locating the intersection point of the graphs of the two equations.	SMMA_LO_02134
8.EE.5	Solves word problems by interpreting graphs of proportional relationships.	Graph proportional relationships and interpret the unit rate as the slope of the graph.	SMMA_LO_02073
		Compare a proportional relationship represented as a graph to a proportional relationship represented as a table.	SMMA_LO_02074
8.EE.7	Solves multi-step linear equations	Transform a given multi-step equation into a simpler form.	SMMA_LO_02079
		Generate and solve an equation with variables on both sides of the equal sign in a real-world context.	SMMA_LO_02145

AimswestPlus Code	AimswestPlus Description Grade 8	SuccessMaker Item Description	Item ID
8.EE.6	Determines linear equations when given points on a line.	Use similar triangles to explain why the slope m is the same between any two distinct points on a nonvertical line in the coordinate plane.	SMMA_LO_02075
		Derive the equation $y = mx$ for a line through the origin, and $y = mx + b$ for a line intercepting the vertical axis at b .	SMMA_LO_02076
8.EE.1	Evaluates numeric expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111
8.NS.2	Compares square roots of non-square numbers.	Drag rational and irrational values to their correct positions on a number line.	SMMA_LO_02141
8.G.7	Determines unknown vertices of a right triangle using the Pythagorean Theorem and given dimensions.	Find the measurement of the hypotenuse using the Pythagorean theorem. (2D)	SMMA_LO_01854
8.EE.5	Determines slope of lines graphed in the coordinate plane.	Graph proportional relationships and interpret the unit rate as the slope of the graph.	SMMA_LO_02073
		Compare a proportional relationship represented as a graph to a proportional relationship represented as a table.	SMMA_LO_02074
8.G.7	Determines an unknown side of a right triangle using the Pythagorean Theorem and given the vertices.	Find the measurement of the hypotenuse using the Pythagorean theorem. (2D)	SMMA_LO_01854
Winter			
8.EE.1	Identifies equivalent numerical expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111
8.G.3	Identifies new coordinates of a figure in a coordinate plane after a translation of the figure.	Reflect a figure, find the coordinates of the reflected figure, and describe the effect of the reflection on the coordinates	SMMA_LO_02025

AimswestPlus Code	AimswestPlus Description Grade 8	SuccessMaker Item Description	Item ID
		Determine the algebraic expression used to find the coordinates of the image of a figure under a dilation with the origin as the center of dilation.	SMMA_LO_02142
		Determine the missing coordinate of a vertex of a triangle in a transformation.	SMMA_LO_01736
8.G.8	Determines area of squares graphed in a coordinate plane using the Pythagorean Theorem.	Given two points on a coordinate grid, draw a right triangle whose hypotenuse connects the two points. Then use the Pythagorean Theorem to find the distance between the two points.	SMMA_LO_02100
8.EE.1	Evaluates numeric expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111
8.NS.2	Estimates square roots of non-square numbers.	Drag rational and irrational values to their correct positions on a number line.	SMMA_LO_02141
8.EE.3	Solves word problems involving numbers expressed in scientific notation.	Write very small numbers in scientific notation.	SMMA_LO_02070
		Write very large numbers in scientific notation.	SMMA_LO_00271
		Compare numbers written in scientific notation.	SMMA_LO_02072
8.F.2	Compares Slopes of lines presented in different ways; graphs, equations or points in a table.	Identify the rate of change and the y-intercept of two linear functions, one represented graphically, and one represented either algebraically or in a table.	SMMA_LO_02101
		Identify the rate of change and the y-intercept of two linear functions, one represented in a verbal description, and one represented either graphically or algebraically.	SMMA_LO_02102

AimswebPlus Code	AimswebPlus Description Grade 8	SuccessMaker Item Description	Item ID
		Identify the rate of change and the y-intercept of two linear functions, one represented in a table, and one represented either algebraically or in a verbal description.	SMMA_LO_02103
8.SP.1	Describes patterns of association in bivariate data in a scatter plot.	Identify positive, negative, or no association for sets of actual data.	SMMA_LO_01222
8.SP.4	Solves word problems by interpreting information in a two-way table.		SMMA_LO_0
8.G.3	Identifies new coordinates of a figure in a coordinate plane after a translation of the figure.	Reflect a figure, find the coordinates of the reflected figure, and describe the effect of the reflection on the coordinates.	SMMA_LO_02125
		Determine the algebraic expression used to find the coordinates of the image of a figure under a dilation with the origin as the center of dilation.	SMMA_LO_02142
		Determine the missing coordinate of a vertex of a triangle in a transformation.	SMMA_LO_01736
8.EE.4	Solves word problems by performing operations on numbers expressed in scientific notation.	Express a number in scientific notation (exponents 1 to 6).	SMMA_LO_01113
		Given the scientific notation, determine the standard notation of a number (the power of 10 has an exponent of 1 to 6).	SMMA_LO_01121
		Find the missing exponent for a number written in scientific notation (the exponent is 1 to 6)	SMMA_LO_01122
8.EE.5	Determines slope of lines graphed in the coordinate plane.	Graph proportional relationships and interpret the unit rate as the slope of the graph.	SMMA_LO_02073
		Compare a proportional relationship represented as a graph to a proportional relationship represented as a table.	SMMA_LO_02074
8.SP.3	Describes patterns of association in bivariate data in a scatter plot.	Choose an approximation based on a trend line for bivariate data.	SMMA_LO_02143
8.EE.8	Solves pairs of linear equations.	Transform a given multi-step equation into a simpler form.	SMMA_LO_02079

AimswebPlus Code	AimswebPlus Description Grade 8	SuccessMaker Item Description	Item ID
		Generate and solve an equation with variables on both sides of the equal sign in a real-world context.	SMMA_LO_02145
8.SP.1	Solves word problems by interpreting bivariate data in a scatter plot.	Identify positive, negative, or no association for sets of actual data.	SMMA_LO_01222
8.EE.6	Determines linear equations when given points on the line.	Use similar triangles to explain why the slope m is the same between any two distinct points on a nonvertical line in the coordinate plane.	SMMA_LO_02075
		Derive the equation $y = mx$ for a line through the origin, and $y = mx + b$ for a line intercepting the vertical axis at b .	SMMA_LO_02076
8.F.4	Determines linear functions represented by data in a table.	Complete an input/output table and identify the algebraic equation that describes the one-step rule.	SMMA_LO_01806
8.F.4	Determines linear equations when given graphs of a line.	Complete an input/output table and identify the algebraic equation that describes the twostep rule.	SMMA_LO_01807
8.NS.4	Identifies irrational numbers.	Drag rational and irrational values to their correct positions on a number line.	SMMA_LO_02141
8.EE.3	Solves word problems involving numbers expressed in scientific notation.	Write very small numbers in scientific notation.	SMMA_LO_02070
		Write very large numbers in scientific notation.	SMMA_LO_00271
		Compare numbers written in scientific notation.	SMMA_LO_02072
8.EE.1	Identifies equivalent numerical expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111
8.SP.1	Interprets scatter plots to determine data outliers.	Identify positive, negative, or no association for sets of actual data.	SMMA_LO_01222
8.G.9	Determines volume of cylindrical objects when given dimensions.	Use a formula to find the volume of a cylinder.	SMMA_LO_00839
		Use a formula to find the volume of a cone or a sphere.	SMMA_LO_00844

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8.EE.6	Solves word problems involving volume.		
8.G.9	Determines volume of cylindrical objects when given dimensions.	Use a formula to find the volume of a cylinder.	SMMA_LO_00839
		Use a formula to find the volume of a cone or a sphere.	SMMA_LO_00844
Spring			
8.EE.1	Identifies equivalent numerical expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111
8.F.4	Determines y-intercept, when given the linear equation of a line and points on the line.	Complete an input/output table and identify the algebraic equation that describes the one-step rule.	SMMA_LO_01806
		Complete an input/output table and identify the algebraic equation that describes the twostep rule	SMMA_LO_01807
8.NS.2	Estimates square roots of non-square numbers.	Drag rational and irrational values to their correct positions on a number line.	SMMA_LO_02141
8.G.3	Identifies new coordinates of a figure in a coordinate plane after a translation of the figure.	Reflect a figure, find the coordinates of the reflected figure, and describe the effect of the reflection on the coordinates.	SMMA_LO_02125
		Determine the algebraic expression used to find the coordinates of the image of a figure under a dilation with the origin as the center of dilation.	SMMA_LO_02142
		Determine the missing coordinate of a vertex of a triangle in a transformation.	SMMA_LO_01736
8.EE.8	Solves word problems involving writing and solving two linear equations.	Transform a given multi-step equation into a simpler form.	SMMA_LO_02079
		Generate and solve an equation with variables on both sides of the equal sign in a real-world context.	SMMA_LO_02145

AimswestPlus Code	AimswestPlus Description Grade 8	SuccessMaker Item Description	Item ID
8.EE.4	Solves word problems by performing operations on numbers expressed in scientific notation.	Express a number in scientific notation (exponents 1 to 6).	SMMA_LO_01113
		Given the scientific notation, determine the standard notation of a number (the power of 10 has an exponent of 1 to 6).	SMMA_LO_01121
		Find the missing exponent for a number written in scientific notation (the exponent is 1 to 6)	SMMA_LO_01122
8.EE.7	Solves multi-step linear equations	Transform a given multi-step equation into a simpler form.	SMMA_LO_02079
		Generate and solve an equation with variables on both sides of the equal sign in a real-world context.	SMMA_LO_02145
8.EE.5	Solves word problems by interpreting graphs of proportional relationships.	Graph proportional relationships and interpret the unit rate as the slope of the graph.	SMMA_LO_02073
		Compare a proportional relationship represented as a graph to a proportional relationship represented as a table.	SMMA_LO_02074
8.SP.1	Describes patterns of association in bivariate data in a scatter plot.	Identify positive, negative, or no association for sets of actual data.	SMMA_LO_01222
8.G.8	Determines distance between points in a coordinate plane using the Pythagorean Theorem.	Given two points on a coordinate grid, draw a right triangle whose hypotenuse connects the two points. Then use the Pythagorean Theorem to find the distance between the two points.	SMMA_LO_02100
8.EE.6	Determines linear equations when given points on a line.	Use similar triangles to explain why the slope m is the same between any two distinct points on a nonvertical line in the coordinate plane.	SMMA_LO_02075
		Derive the equation $y = mx$ for a line through the origin, and $y = mx + b$ for a line intercepting the vertical axis at b .	SMMA_LO_02076
8.NS.2	Identifies irrational numbers.	Drag rational and irrational values to their correct positions on a number line.	SMMA_LO_02141

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8.G.3	Identifies new coordinates of a figure in a coordinate plane after a translation of the figure.	Reflect a figure, find the coordinates of the reflected figure, and describe the effect of the reflection on the coordinates.	SMMA_LO_02125
		Determine the algebraic expression used to find the coordinates of the image of a figure under a dilation with the origin as the center of dilation.	SMMA_LO_02142
		Determine the missing coordinate of a vertex of a triangle in a transformation.	SMMA_LO_01736
8.SP.1	Solves word problems by interpreting bivariate data in a scatter plot.	Identify positive, negative, or no association for sets of actual data.	SMMA_LO_01222
8.G.7	Determines unknown vertices of a right triangle using the Pythagorean Theorem and given dimensions.	Find the measurement of the hypotenuse using the Pythagorean theorem. (2D)	SMMA_LO_01854
8.EE.3	Solves word problems involving numbers expressed in scientific notation.	Write very small numbers in scientific notation.	SMMA_LO_02070
		Write very large numbers in scientific notation.	SMMA_LO_00271
		Compare numbers written in scientific notation.	SMMA_LO_02072
8.G.7	Determines unknown dimensions of pyramid using the Pythagorean Theorem and known measurements.	Find the measurement of the hypotenuse using the Pythagorean theorem. (2D)	SMMA_LO_01854
8.SP.4	Solves word problems by interpreting information in a two-way table.		SMMA_LO_0
8.F.2	Compares Slopes of lines presented in different ways; graphs, equations or points in a table.	Identify the rate of change and the y-intercept of two linear functions, one represented graphically, and one represented either algebraically or in a table.	SMMA_LO_02101
		Identify the rate of change and the y-intercept of two linear functions, one represented in a verbal description, and one represented either graphically or algebraically.	SMMA_LO_02102

AimswestPlus Code	AimswestPlus Description Grade 8	SuccessMaker Item Description	Item ID
		Identify the rate of change and the y-intercept of two linear functions, one represented in a table, and one represented either algebraically or in a verbal description.	SMMA_LO_02103
8.EE.3	Solves word problems involving numbers expressed in scientific notation.	Write very small numbers in scientific notation.	SMMA_LO_02070
		Write very large numbers in scientific notation.	SMMA_LO_00271
		Compare numbers written in scientific notation.	SMMA_LO_02072
8.EE.7	Solves multi-step linear equations	Transform a given multi-step equation into a simpler form.	SMMA_LO_02079
		Generate and solve an equation with variables on both sides of the equal sign in a real-world context.	SMMA_LO_02145
8.EE.6	Determines similar triangles.	Use similar triangles to explain why the slope m is the same between any two distinct points on a nonvertical line in the coordinate plane.	SMMA_LO_02075
		Derive the equation $y = mx$ for a line through the origin, and $y = mx + b$ for a line intercepting the vertical axis at b .	SMMA_LO_0
8.EE.1	Identifies equivalent numerical expressions involving exponents.	Multiply or divide two numbers with exponents (same base, exponents less than 18).	SMMA_LO_01104
		Find the missing exponent in a multiplication or division number sentence.	SMMA_LO_01111