	1 - Novice	2 = Approaching	3 = Proficient	4 = Advanced
	Identifies integers on a	Understands integers by	Understands rational	Explains how to and
	number line with	representing them on	numbers by	finds the sum of any
S	structured support.	number line, ordering	representing them on	two rational numbers
þe		them or comparing two	number line, ordering	using a number line.
П		integers OR use and	them and comparing	
Ž		interpret integers in a	two rational numbers	
Signed Numbers		real-world context.	AND use and interpret	
Sign			rational numbers in a	
,			real-world context.	
			(6.NS.5, 6.NS.6a,c	
			6.NS.7)	
	Graphs coordinates on	Graphs or uses	Graphs and uses	Not Assessed
	coordinate plane with	coordinates and	coordinates and absolute value in all	
<u>ə</u>	structure support.	absolute value in the	four quadrants to find	
lar		same quadrant to find the distances between	the distances between	
9		points with the same	points with the same x-	
nat		first coordinate or the	coordinates or y-	
rdi		same second	coordinates to solve	
Coordinate Plane		coordinate to solve	real-world and	
		mathematical	mathematical problems	
		problems.	including polygons.	
		i e	(6.NS.6b, 6.NS.8, 6.G.3)	
	Divides numbers with a	Divides multi-digit	Fluently divides multi-	Compares and
_	2-digit dividend and 1-	numbers with a 3-digit	digit numbers with a 4-	connects the different
isio	digit divisor with help	dividend and 1-digit	digit dividend and 2-	division strategies and
Division	and support.	divisor using a single	digit divisor using the	describes in depth
		strategy.	standard algorithm.	using math
			(6.NS.2)	vocabulary.
	Adds, subtracts,	Adds, subtracts,	Fluently adds, subtracts,	Solves multi-step real-
al Sns	multiplies, or divides	multiplies, or divides	multiplies, and divides	world problems
Decimal Operations	multi-digit decimals to	multi-digit decimals to	multi-digit decimals to	involving two or more
ec	the tenths with help and support.	the hundredths using a single strategy.	the thousandths using the standard algorithm	operations of multi-digit decimals.
O O	ana suppon.	single sharegy.	for each operation.	decimais.
			(6.NS.3)	
	Solves mathematical	Engages in	Actively engages in	Not Assessed
g	problems with	mathematical	solving real-world and	110171333304
an	structured support.	problems by working to	mathematical	
ms		understand the	problems by working to	
ple		questions that is asked,	understand the	
Pro		trying different	information that is in	
nse of Prok Persevere		strategies or identifying	the problem and the	
ise Per		why their solution make	questions that is asked,	
Ser		sense.	trying different	
es (strategies and	
Makes Sense of Problems and Persevere			identifying why their	
Σ			solution make sense.	
			(MP.1)	

	Attempts to	Attempts to	Communicates work	Not Assessed
n		1 · · · · · · · · · · · · · · · · · · ·		NOI Assessed
Sic	communicate work	communicate work	and reasoning using	
Precision	and reasoning, but	and reasoning using	math vocabulary and	
Attend to Pre	math vocabulary and	math vocabulary and	units AND calculates	
	units are absent AND	units AND calculates	with little or no basic	
	calculates with	with basic computation	computations error.	
	repeated basic	errors.	(MP. 6)	
◀	computation errors.			

	1 - Novice	2 = Approaching	3 = Proficient	4 = Advanced
Division of Fractions	Participates in the practice, modeling the division of fractions.	Solves mathematical problems involving the division of a fraction by a fraction using a model or equation.	Solves real-world problems involving the division of fractions by fractions using a model and equation and interprets the quotient in the context of the problem. (6.NS.1)	Solves multi-steps real-world problems involving the division of fractions by fractions and interprets the quotient in the context of the problem.
Ratios	Participates in the practice of representing ratios with structure support.	Uses ratio language to describe a ratio relationship between two quantities OR represents ratios in a single representation.	Uses ratio language to describe a ratio relationship between two quantities including part to part and part to whole ratios AND solves real-world problems involving equivalent ratios using multiple representations to justify reasoning. (6.RP.1, 6.RP.3a).	Using a representation, creates a scenario and additional models to explain ratio understanding.
Unit Rates & Conversions	Identifies a unit rate OR participates in the practice of using ratio reasoning to convert measurement units with structure support.	Understands the concept of a unit rate and solves unit rate mathematical problems OR uses ratio reasoning to convert measurement units.	Understands the concept of a unit rate and solves unit rate real-world and mathematical problems AND uses ratio reasoning to convert measurement units. (6.RP.2, 6.RP.3b & d)	Uses proportional relationships to solve and explain multi-step unit rate problems.
Makes Sense of Problems and Persevere	Solves mathematical problems with structured support.	Engages in mathematical problems by working to understand the questions that is asked, trying different strategies or identifying why their solution make sense.	Actively engages in solving real-world and mathematical problems by working to understand the information that is in the problem and the questions that is asked, trying different strategies and identifying why their solution make sense. (MP.1)	Not Assessed
Attend to Precision	Attempts to communicates work and reasoning, but math vocabulary and units are absent AND calculates with repeated basic computation errors.	Attempts to communicates work and reasoning using math vocabulary and units AND calculates with basic computation errors.	Communicates work and reasoning using math vocabulary and units AND calculates with little or no basic computations error. (MP. 6)	Not Assessed

	1 - Novice	2 = Approaching	3 = Proficient	4 = Advanced
Percentages	Identifies a percent as a rate with structure support.	Writes a percent as a rate OR finds the whole given the percent and a part.	Writes a percent of a quantity as a rate AND finds the whole given the percent and a part. (6.RP.3c)	Uses proportional relationships to solve and explain multi-step unit rate percent problems.
Area	Participates in the practice finding the area of a triangle, rhombus, parallelogram, kite or trapezoid by composing into rectangles or decomposing into triangles or other shapes.	Finds the area of a triangle, rhombus, parallelogram, kite or trapezoid by composing into rectangles or decomposing into triangles or other shapes.	Solves real-world problems involving area of polygons by composing into rectangles or decomposing into triangles or other shapes. (6.G.1)	Explains how to derive the formulas for a triangle, trapezoid AND parallelogram.
Nets & Surface Area	Identifies the nets of a right rectangular prism or right square pyramid with structured support.	Represents three- dimensional figures using nets made up of rectangles and triangles.	Identifies the nets of rectangular and triangular prisms and pyramids and explains how to find the surface area of right rectangular prisms or square pyramids. (6.G.4)	Solve real-world mathematical surface area problems involving composite figures consisting of right rectangular prisms and right square pyramids AND solve for unknown dimensions given the surface area and other dimensions.
Volume	Identifies the purpose of volume of right rectangular prism with structure support.	Describes the purpose of volume.	Explain how to find the volume of a right rectangular prism. (6.G.2)	Solve real-world mathematical volume problems involving composite figures consisting of right rectangular prisms AND solve for unknown dimensions given the volume and other dimensions.
Expressions	Reads or evaluates an expression involving numbers, using a single operation with help and support.	Writes, reads or evaluates expressions involving exponents, numbers, and variables using order of operations.	Writes, reads and evaluates expressions involving exponents, numbers, and variables using order of operations. (6.EE.1 & 2)	

Equivalent Expressions	Applies a property of operations to generate equivalent expressions with help and support.	Applies the properties of operations to generate equivalent expressions OR identifies when two expressions are equivalent.	Applies the properties of operations to generate equivalent expressions AND identifies when two expressions are equivalent. (6.EE.3, 6.EE.4)	Apply properties of operations as strategies to add, subtract, factor and expand linear expressions with rational coefficients.
Makes Sense of Problems and Persevere	Solves mathematical problems with structured support.	Engages in mathematical problems by working to understand the questions that is asked, trying different strategies or identifying why their solution make sense.	Actively engages in solving real-world and mathematical problems by working to understand the information that is in the problem and the questions that is asked, trying different strategies and identifying why their solution make sense. (MP.1)	Not Assessed
Attend to Precision	Attempts to communicates work and reasoning, but math vocabulary and units are absent AND calculates with repeated basic computation errors.	Attempts to communicates work and reasoning using math vocabulary and units AND calculates with basic computation errors.	Communicates work and reasoning using math vocabulary and units AND calculates with little or no basic computations error. (MP.6)	Not Assessed

	1 - Novice	2 = Approaching	3 = Proficient	4 = Advanced
Equations	Participates in the practice of solving one-step equations with help and support.	Uses substitution to determine whether a given number makes an equation true OR solves mathematical one-step equations when all variables are nonnegative, integers .	Uses substitution to determine whether a given number makes an equation true (6.EE.5) AND writes and solves real-world and mathematical one-step equations when all variables are non-negative, rational numbers. (6.EE.6, 6.EE.7)	Solves real-world problems leading to two-step equations of the form $px + q = r$ and $p(x + q) = r$, where p , q , and r are specific rational numbers.
Inequalities	Identifies the graph of an inequality of the form $x > c$ or $x < c$ on a number line with structure support.	Writes or represent on a number line an inequality to represent a situation of a real-world or mathematical problem.	Writes and represent on a number line inequalities to represent a situation of a real-world or mathematical problem. (6.EE.8)	Solves real-world problems leading to equations of the form $px + q > r$ and $px + q < r$, where p , q , and r are specific rational numbers.
Data Displays	Identifies the different numerical data displays with structured support.	Identifies overall shape of a data set that answers statistical questions OR displays numerical data in dot plots, histograms, or box plots	Understands overall shape of a data set that answers statistical questions AND displays numerical data in dot plots, histograms, and box plots (6.SP.1, 6.SP.2 6.SP.4)	
Data Calculations	Calculates a quantitative measures of center (median, mean, or mode) or variability (range, interquartile range, mean absolute deviation) with structure support.	Calculates quantitative measures of center (median, mean, and mode) or variability (range, interquartile range, mean absolute deviation) OR describe surface features and calculations in relation to the context of the data set or numerical display.	Understands and calculates quantitative measures of center (median, mean, and mode) and variability (range, interquartile range, mean absolute deviation) AND describe surface features and calculations in relation to the context of the data set or numerical display. (6.SP.3, 6.SP.5)	Draws multiple inferences about the measures of center and variability when comparing two different box plots or histograms.
Makes Sense of	Solves mathematical problems with structured support.	Engages in mathematical problems by working to understand the questions that is asked, trying different strategies or identifying why their solution make sense.	Actively engages in solving real-world and mathematical problems by working to understand the information that is in the problem and the questions that is asked, trying different strategies and identifying why their solution make sense. (MP.1)	Not Assessed

n	Attempts to	Attempts to	Communicates work and	Not Assessed
sio	communicates work	communicates work and	reasoning using math	
Precisio	and reasoning, but	reasoning using math	vocabulary and units AND	
	math vocabulary	vocabulary and units AND	calculates with little or no	
9	and units are absent	calculates with basic	basic computations error.	
pu	AND calculates with	computation errors.	(MP.6)	
Attend	repeated basic			
< <	computation errors.			