3rd Grade Mathematics

Academic Warning	Approaches Standard	Meets Standard	Exceeds Standard	Exemplary	
A student scoring at the academic warning level always performs inconsistently and/or inaccurately when working on all grade-level mathematical tasks.	A student scoring at the approaches standard level usually performs inconsistently and/or inaccurately when working on most grade-level mathematical tasks.	A student scoring at the meets standard level <u>usually performs consistently and accurately</u> when working on <u>most</u> grade-level mathematical tasks.	A student scoring at the exceeds standard level <u>usually performs consistently and accurately</u> when working on <u>all</u> grade-level mathematical tasks.	A student scoring at the exemplary level <u>always</u> performs consistently and accurately when working on <u>all</u> grade-level mathematical tasks.	
The student <u>struggles</u> to demonstrate content knowledge and application skills. The student <u>seldom</u> understands and uses • equivalent representations of whole numbers • statistical measures (minimum and maximum value, range, mode, and median) • multiplication and division fact families The student is <u>inaccurate</u> when • comparing whole numbers • combining coins and bills • identifying pattern block shapes • telling time	The student demonstrates <u>limited</u> content knowledge and application skills. The student <u>sometimes</u> understands and uses • equivalent representations of whole numbers • statistical measures (minimum and maximum value, range, mode, and median) • multiplication and division fact families The student is <u>rarely accurate</u> when • comparing whole numbers • combining coins and bills • identifying pattern block shapes • telling time	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses • equivalent representations of whole numbers • statistical measures (minimum and maximum value, range, mode, and median) • multiplication and division fact families The student is <u>usually accurate</u> when • comparing whole numbers • combining coins and bills • identifying pattern block shapes • telling time	The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses • equivalent representations of whole numbers • statistical measures (minimum and maximum value, range, mode, and median) • multiplication and division fact families The student is <u>accurate</u> when • comparing whole numbers • combining coins and bills • identifying pattern block shapes • telling time	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses • equivalent representations of whole numbers • statistical measures (minimum and maximum value, range, mode, and median) • multiplication and division fact families The student is <u>highly accurate</u> when • comparing whole numbers • combining coins and bills • identifying pattern block shapes • telling time	
 The student <u>seldom uses</u> problem-solving techniques to solve one-step real-world addition and subtraction problems real-world measurement problems The student <u>inconsistentiv uses</u> representations and is <u>unable to explain</u> the reasoning process used to represent patterns in multiple ways generalize a numerical pattern in words list possible outcomes 	The student <u>inconsistently uses some</u> problem- solving techniques to solve one-step real-world addition and subtraction problems real-world measurement problems The student <u>inconsistently uses</u> representations and <u>partially explains</u> the reasoning process used to represent patterns in multiple ways generalize a numerical pattern in words list possible outcomes	The student uses some problem-solving techniques to accurately solve one-step real-world addition and subtraction problems real-world measurement problems The student uses representations and usually explains the reasoning process used to represent patterns in multiple ways generalize a numerical pattern in words list possible outcomes	 The student <u>usually uses multiple</u> problem-solving techniques to <u>accurately</u> solve one-step real-world addition and subtraction problems real-world measurement problems The student <u>uses</u> representations and <u>sufficiently</u> <u>explains</u> the reasoning process used to represent patterns in multiple ways generalize a numerical pattern in words list possible outcomes 	The student <u>effectively uses multiple</u> problem- solving techniques to <u>accurately</u> solve one-step real-world addition and subtraction problems real-world measurement problems The student <u>accurately uses</u> representations and <u>effectively explains</u> the reasoning process used to represent patterns in multiple ways generalize a numerical pattern in words list possible outcomes	

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Academic Warning	Approaches Standard	Meets Standard		
A student scoring at the academic warning level	A student scoring at the approaches standard level	A student scoring at the meets standard level	Exceeds Standard	Exemplary
always performs inconsistently and/or inaccurately	usually performs inconsistently and/or inaccurately	usually performs consistently and accurately when	A student scoring at the exceeds standard level	A student scoring at the exemplary level always
when working on <u>all</u> grade-level mathematical tasks.	when working on most grade-level mathematical	working on most grade-level mathematical tasks.	usually performs consistently and accurately	performs consistently and accurately when working
10365.	tasks.		when working on <u>all</u> grade-level mathematical tasks.	on all grade-level mathematical tasks.
The student <u>struggles</u> to demonstrate content knowledge and application skills. The student <u>seldom</u> understands and uses place value concepts and notations concepts of whole number properties measurement tools The student is <u>inaccurate</u> when solving one variable, one-step whole number equations with basic facts, money, and time using one operation function tables performing single transformation of two-	The student demonstrates <u>limited</u> content knowledge and application skills. The student <u>sometimes</u> understands and uses place value concepts and notations concepts of whole number properties measurement tools The student is <u>rarely accurate</u> when solving one variable, one-step whole number equations with basic facts, money, and time using one operation function tables performing single transformation of two-	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses place value concepts and notations concepts of whole number properties measurement tools The student is <u>usually accurate</u> when solving one variable, one-step whole number equations with basic facts, money, and time using one operation function tables performing single transformation of two-	The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses place value concepts and notations concepts of whole number properties measurement tools The student is <u>accurate</u> when solving one variable, one-step whole number equations with basic facts, money, and time using one operation function tables	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses place value concepts and notations concepts of whole number properties measurement tools The student is <u>highly accurate</u> when solving one variable, one-step whole number equations with basic facts, money, and time using one operation function tables
dimensional figures reading and plotting points in the first quadrant of a coordinate grid The student <u>seldom uses</u> problem-solving	 dimensional figures reading and plotting points in the first quadrant of a coordinate grid 	 dimensional figures reading and plotting points in the first quadrant of a coordinate grid 	 performing single transformation of two- dimensional figures reading and plotting points in the first quadrant of a coordinate grid 	 performing single transformation of two- dimensional figures reading and plotting points in the first quadrant of a coordinate grid
 techniques to solve one- and two-step real-world problems with addition, subtraction, and multiplication real-world applications of the statistical measures (minimum and maximum value, range, mode, median, and mean) 	The student inconsistently uses some problem- solving techniques to solve • one- and two-step real-world problems with addition, subtraction, and multiplication • real-world applications of the statistical measures (minimum and maximum value, range, mode, median, and mean)	The student <u>uses some</u> problem-solving techniques to <u>accurately</u> solve one- and two-step real-world problems with addition, subtraction, and multiplication real-world applications of the statistical measures (minimum and maximum value, range, mode, median, and mean)	The student <u>usually uses multiple</u> problem-solving techniques to <u>accurately</u> solve • one- and two-step real-world problems with addition, subtraction, and multiplication • real-world applications of the statistical measures (minimum and maximum value, range, mode, median, and mean)	The student <u>effectively uses multiple</u> problem- solving techniques to <u>accurately</u> solve • one- and two-step real-world problems with addition, subtraction, and multiplication • real-world applications of the statistical measures (minimum and maximum value, range, mode, median, and mean)
 The student inconsistently uses representations and is <u>unable to explain</u> the reasoning process used to represent relationships between mathematical operations describe mathematical relationships with various models identify plane figures within a composite figure make reasonable estimations of measurements and calculations graph data presented in a variety of formats including bar graph, pictograph, circle graph, Venn diagram, line plot 	 The student inconsistently uses representations and partially explains the reasoning process used to represent relationships between mathematical operations describe mathematical relationships with various models identify plane figures within a composite figure make reasonable estimations of measurements and calculations graph data presented in a variety of formats including bar graph, pictograph, circle graph, Venn diagram, line plot 	 The student <u>uses</u> representations and <u>usually</u> <u>explains</u> the reasoning process used to represent relationships between mathematical operations describe mathematical relationships with various models identify plane figures within a composite figure make reasonable estimations of measurements and calculations graph data presented in a variety of formats including bar graph, pictograph, circle graph, Venn diagram, line plot 	 The student <u>uses</u> representations and <u>sufficiently</u> <u>explains</u> the reasoning process used to represent relationships between mathematical operations describe mathematical relationships with various models identify plane figures within a composite figure make reasonable estimations of measurements and calculations graph data presented in a variety of formats including bar graph, pictograph, circle graph, Venn diagram, line plot 	 The student accurately uses representations and <u>effectively explains</u> the reasoning process used to represent relationships between mathematical operations describe mathematical relationships with various models identify plane figures within a composite figure make reasonable estimations of measurements and calculations graph data presented in a variety of formats including bar graph, pictograph, circle graph, Venn diagram, line plot

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Academic Warning	Approaches Standard	Meets Standard	Exceeds Standard	Exemplary
A student scoring at the academic warning level always performs inconsistently and/or inaccurately when working on all grade-level mathematical tasks.	A student scoring at the approaches standard level usually performs inconsistently and/or inaccurately when working on <u>most</u> grade-level mathematical tasks.	A student scoring at the meets standard level <u>usually performs consistently and accurately</u> when working on <u>most</u> grade-level mathematical tasks.	A student scoring at the exceeds standard level <u>usually performs consistently and accurately</u> when working on <u>all</u> grade-level mathematical tasks.	A student scoring at the exemplary level <u>always</u> performs consistently and accurately when working on <u>all</u> grade-level mathematical tasks.
 The student <u>struggles</u> to demonstrate content knowledge and application skills. The student <u>seldom</u> understands and uses equivalent representations for whole numbers, fractions, and decimals greatest common factor and least common multiple properties of solids statistical measures (minimum and maximum value, mean, median, mode, and range) 	 The student demonstrates <u>limited</u> content knowledge and application skills. The student <u>sometimes</u> understands and uses equivalent representations for whole numbers, fractions, and decimals greatest common factor and least common multiple properties of solids statistical measures (minimum and maximum value, mean, median, mode, and range) 	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses e equivalent representations for whole numbers, fractions, and decimals greatest common factor and least common multiple properties of solids statistical measures (minimum and maximum value, mean, median, mode, and range)	The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses • equivalent representations for whole numbers, fractions, and decimals • greatest common factor and least common multiple • properties of solids • statistical measures (minimum and maximum value, mean, median, mode, and range)	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses • equivalent representations for whole numbers, fractions, and decimals • greatest common factor and least common multiple • properties of solids • statistical measures (minimum and maximum value, mean, median, mode, and range) The student is highly accurate when
The student is <u>inaccurate</u> when solving one-step whole number equations converting within the customary system using a function table to identify, plot, and label ordered pairs	The student is <u>rarely accurate</u> when • solving one-step whole number equations • converting within the customary system using a function table to identify, plot, and label ordered pairs	 The student is <u>usually accurate</u> when solving one-step whole number equations converting within the customary system using a function table to identify, plot, and label ordered pairs 	 The student is accurate when solving one-step whole number equations converting within the customary system using a function table to identify, plot, and label ordered pairs 	solving one-step when solving one-step when converting within the customary system using a function table to identify, plot, and label ordered pairs
The student <u>seldom uses</u> problem-solving techniques to solve one- and two-step real-world problems with addition, subtraction, multiplication, and division real-world applications of the properties of plane figures real-world applications of measurement and measurement formulas	The student <u>inconsistently uses some</u> problem- solving techniques to solve one- and two-step real-world problems with addition, subtraction, multiplication, and division real-world applications of the properties of plane figures real-world applications of measurement and measurement formulas	The student <u>uses some</u> problem-solving techniques to <u>accurately</u> solve one- and two-step real-world problems with addition, subtraction, multiplication, and division real-world applications of the properties of plane figures real-world applications of measurement and measurement formulas	The student <u>usually uses multiple</u> problem-solving techniques to <u>accurately</u> solve one- and two-step real-world problems with addition, subtraction, multiplication, and division real-world applications of the properties of plane figures real-world applications of measurement and measurement formulas	 The student <u>effectively uses multiple</u> problem- solving techniques to <u>accurately</u> solve one- and two-step real-world problems with addition, subtraction, multiplication, and division real-world applications of the properties of plane figures real-world applications of measurement and measurement formulas
 The student inconsistently uses representations and is <u>unable to explain</u> the reasoning process used to estimate number quantities determine and find exact or approximate answers represent situations with variables and symbols interpret and use data displays for developing convincing arguments 	The student <u>inconsistently uses</u> representations and <u>partially explains</u> the reasoning process used to estimate number quantities determine and find exact or approximate answers represent situations with variables and symbols interpret and use data displays for developing convincing arguments	The student <u>uses</u> representations and <u>usually</u> <u>explains</u> the reasoning process used to estimate number quantities determine and find exact or approximate answers represent situations with variables and symbols interpret and use data displays for developing convincing arguments	 The student <u>uses</u> representations and <u>sufficiently</u> <u>explains</u> the reasoning process used to estimate number quantities determine and find exact or approximate answers represent situations with variables and symbols interpret and use data displays for developing convincing arguments 	 The student <u>accurately uses</u> representations and <u>effectively explains</u> the reasoning process used to estimate number quantities determine and find exact or approximate answers represent situations with variables and symbols interpret and use data displays for developing convincing arguments

989948

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A student scoring at the academic warning level	A student scoring at the approaches standard level	A student scoring at the meets standard level	Exceeds Standard	Exemplary
always performs inconsistently and/or inaccurately	usually performs inconsistently and/or inaccurately	usually performs consistently and accurately when	A student scoring at the exceeds standard level	A student scoring at the exemplary level always
when working on all grade-level mathematical	when working on most grade-level mathematical	working on most grade-level mathematical tasks.	usually performs consistently and accurately	performs consistently and accurately when working
tasks.	tasks.	nonling on <u>most</u> grade-level mathematical tasks.	when working on all grade-level mathematical	on all grade-level mathematical tasks.
 The student <u>struggles</u> to demonstrate content knowledge and application skills. The student <u>seldom</u> understands and uses relationships between percents, decimals, and fractions basic operations of whole numbers and decimals and addition, subtraction, and multiplication of fractions 	 The student demonstrates <u>limited</u> content knowledge and application skills. The student <u>sometimes</u> understands and uses relationships between percents, decimals, and fractions basic operations of whole numbers and decimals and addition, subtraction, and multiplication of fractions 	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses • relationships between percents, decimals, and fractions • basic operations of whole numbers and decimals and addition, subtraction, and	tasks. The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses • relationships between percents, decimals, and fractions • basic operations of whole numbers and decimals and addition, subtraction, and	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses • relationships between percents, decimals, and fractions • basic operations of whole numbers and decimals and addition, subtraction, and
 probability of simple events 	 probability of simple events 	multiplication of fractions	multiplication of fractions	multiplication of fractions
The student is <u>inaccurate</u> when • comparing integers, fractions, and decimals • classifying angles and triangles • converting within the metric system • performing transformations of two- dimensional figures	The student is <u>rarely accurate</u> when comparing integers, fractions, and decimals classifying angles and triangles converting within the metric system performing transformations of two- dimensional floures	probability of simple events The student is <u>usually accurate</u> when comparing integers, fractions, and decimals classifying angles and triangles converting within the metric system performing transformations of two-	probability of simple events The student is <u>accurate</u> when comparing integers, fractions, and decimals classifying angles and triangles converting within the metric system performing transformations of two-	probability of simple events The student is <u>highly accurate</u> when comparing integers, fractions, and decimals classifying angles and triangles converting within the metric system
 reading and plotting points in the coordinate plane The student <u>seldom uses</u> problem-solving 	 reading and plotting points in the coordinate plane 	 dimensional figures reading and plotting points in the coordinate plane 	 dimensional figures reading and plotting points in the coordinate plane 	performing transformations of two- dimensional figures reading and plotting points in the coordinate plane
 techniques to solve one-and two-step real world problems with rational numbers real-world problems for perimeter of polygons and area of squares, rectangles, and triangles 	The student <u>inconsistently uses some</u> problem- solving techniques to solve • one-and two-step real world problems with rational numbers • real-world problems for perimeter of polygons and area of squares, rectangles, and triangles	The student <u>uses some</u> problem-solving techniques to <u>accurately</u> solve • one-and two-step real world problems with rational numbers • real-world problems for perimeter of polygons and area of squares, rectangles, and triangles	The student <u>usually uses multiple</u> problem-solving techniques to <u>accurately</u> solve • one-and two-step real world problems with rational numbers • real-world problems for perimeter of polygons and area of squares, rectangles, and triangles	The student <u>effectively uses multiple</u> problem- solving techniques to <u>accurately</u> solve • one and two-step real world problems with rational numbers • real-world problems for perimeter of polygons and area of squares, rectangles, and triangles
 The student inconsistently uses representations and is <u>unable to explain</u> the reasoning process used to check reasonableness of estimates and make predictions continue patterns and generalize the rule for the next number represent real-world situations by writing and/or solving one-step equations with positive rational numbers list all possible outcomes 	check reasonableness of estimates and make predictions continue patterns and generalize the rule for the next number represent real-world situations by writing and/or solving one-step equations with positive cating and patterns and patterns	The student <u>uses</u> representations and <u>usually</u> <u>explains</u> the reasoning process used to check reasonableness of estimates and make predictions continue patterns and generalize the rule for the next number represent real-world situations by writing and/or solving one-step equations with positive rational numbers list all possible outcomes	 The student <u>uses</u> representations and <u>sufficiently</u> <u>explains</u> the reasoning process used to check reasonableness of estimates and make predictions continue patterns and generalize the rule for the next number represent real-world situations by writing and/or solving one-step equations with positive rational numbers list all possible outcomes 	 The student <u>accurately uses</u> representations and <u>effectively explains</u> the reasoning process used to check reasonableness of estimates and make predictions continue patterns and generalize the rule for the next number represent real-world situations by writing and/or solving one-step equations with positive rational numbers list all possible outcomes

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Academic Warning	Approaches Standard	Meets Standard	Exceeds Standard	Exemplary
Actuering with a student warming evel always performs inconsistently and/or inaccurately when working on <u>all</u> grade-level mathematical tasks.	A student scoring at the approaches standard level usually performs inconsistently and/or inaccurately when working on <u>most</u> grade-level mathematical tasks.	A student scoring at the meets standard level usually performs consistently and accurately when working on most grade-level mathematical tasks.	A student scoring at the exceeds standard level <u>usually performs consistently and accurately</u> when working on <u>all</u> grade-level mathematical tasks.	A student scoring at the exemplary level <u>always</u> performs consistently and accurately when working on <u>all</u> grade-level mathematical tasks.
The student <u>struggles</u> to demonstrate content knowledge and application skills. The student <u>seldom</u> understands and uses percentages of rational numbers mathematical relationship between ratios, proportions, and percents measurement formulas for perimeter, area, surface area, and volume scale drawings properties of triangles and quadrilaterals The student is <u>inaccurate</u> when adding, subtracting, multiplying, and dividing whole numbers, fractions, and decimals stating the rule for the nth term of a pattern evaluating simple algebraic expressions The student seldom uses problem-solving	The student demonstrates <u>limited</u> content knowledge and application skills. The student <u>sometimes</u> understands and uses percentages of rational numbers mathematical relationship between ratios, proportions, and percents measurement formulas for area, perimeter, surface area, and volume scale drawings properties of triangles and quadrilaterals The student is <u>rarely accurate</u> when `adding, subtracting, multiplying, and dividing whole numbers, fractions, and decimals stating the rule for the nth term of a pattern evaluating simple algebraic expressions The student inconsistently uses <u>some</u> problem-	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses percentages of rational numbers mathematical relationship between ratios, proportions, and percents measurement formulas for perimeter, area, surface area, and volume scale drawings properties of triangles and quadrilaterals The student is <u>usually accurate</u> when adding, subtracting, multiplying, and dividing whole numbers, fractions, and decimals stating the rule for the nth term of a pattern evaluating simple algebraic expressions The student <u>uses some</u> problem-solving techniques	The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses percentages of rational numbers mathematical relationship between ratios, proportions, and percents measurement formulas for perimeter, area, surface area, and volume scale drawings properties of triangles and quadrilaterals The student is <u>accurate</u> when adding, subtracting, multiplying, and dividing whole numbers, fractions, and decimals stating the rule for the nth term of a pattern evaluating simple algebraic expressions The student <u>usually uses multiple</u> problem-solving	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses • percentages of rational numbers • mathematical relationship between ratios, proportions, and percents • measurement formulas for perimeter, area, surface area, and volume • scale drawings • properties of triangles and quadrilaterals The student is <u>highly accurate</u> when • adding, subtracting, multiplying, and dividing whole numbers, fractions, and decimals • stating the rule for the nth term of a pattern • evaluating simple algebraic expressions The student <u>effectively uses multiple</u> problem-
techniques to solve real-world problems for perimeter and area	 solving techniques to solve real-world problems for perimeter and area 	to <u>accurately</u> solve • real-world problems for perimeter and area	techniques to <u>accurately</u> solve real-world problems for perimeter and area	solving techniques to <u>accurately</u> solve real-world problems for perimeter and area
 The student inconsistently uses representations and is <u>unable to explain</u> the reasoning process used to generate equivalent representations of rational numbers and simple algebraic expressions continue and generalize patterns including perfect squares, cubes, factors, multiples, and arithmetic and geometric sequences represent real-world problems using variables and symbols read graphs presented in a variety of formats including circle graphs, stem-and-leaf graphs, and box-and-whiskers plots recognize misleading data representations and effects of scale changes 	 The student <u>inconsistently uses</u> representations and <u>partially explains</u> the reasoning process used to generate equivalent representations of rational numbers and simple algebraic expressions continue and generalize patterns including perfect squares, cubes, factors, multiples, and arithmetic and geometric sequences represent real-world problems using variables and symbols read graphs presented in a variety of formats including circle graphs, stem-and-leaf graphs, and box-and-whiskers plots recognize misleading data representations and effects of scale changes 	 The student <u>uses</u> representations and <u>usualiv</u> <u>explains</u> the reasoning process used to generate equivalent representations of rational numbers and simple algebraic expressions continue and generalize patterns including perfect squares, cubes, factors, multiples, and arithmetic and geometric sequences represent real-world problems using variables and symbols read graphs presented in a variety of formats including circle graphs, stem-and-leaf graphs, and box-and-whiskers plots recognize misleading data representations and effects of scale changes 	The student <u>uses</u> representations and <u>sufficiently</u> <u>explains</u> the reasoning process used to generate equivalent representations of rational numbers and simple algebraic expressions continue and generalize patterns including perfect squares, cubes, factors, multiples, and arithmetic and geometric sequences represent real-world problems using variables and symbols read graphs presented in a variety of formats including circle graphs, stem-and-leaf graphs, and box-and-whiskers plots recognize misleading data representations and effects of scale changes	arithmetic and geometric sequences

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A student scoring at the academic warning level A		Meets Standard	Preeds Standard	-
	student scoring at the approaches standard level	A student scoring at the meets standard level	Exceeds Standard A student scoring at the exceeds standard level	Exemplary
	isually performs inconsistently and/or inaccurately	usually performs consistently and accurately when	usually performs consistently and accurately	A student scoring at the exemplary level always
	when working on most grade-level mathematical	working on most grade-level mathematical tasks.	when working on all grade-level mathematical	performs consistently and accurately when working
tashe. [as	asks.		tasks.	on all grade-level mathematical tasks.
subsets of real numbers	he student demonstrates <u>limited</u> content nowledge and application skills. The student <u>ometimes</u> understands and uses subsets of real numbers	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses subsets of real numbers	The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses
the Pythagorean Theorem	the Pythagorean Theorem	 the Pythagorean Theorem 	 subsets of real numbers 	 subsets of real numbers
 corresponding parts of congruent and similar 	corresponding parts of congruent and similar	 corresponding parts of congruent and similar 	 the Pythagorean Theorem 	 the Pythagorean Theorem
figures	figures	figures	corresponding parts of congruent and similar	 corresponding parts of congruent and similar
measures of central tendency with rational	measures of central tendency with rational	 measures of central tendency with rational 	figures	figures
numbers	numbers	numbers	measures of central tendency with rational	 measures of central tendency with rational
ordered pairs, slope, and vertical/horizontal distance	ordered pairs, slope, and vertical/horizontal	 ordered pairs, slope, and vertical/horizontal 	Dumbers Ordered pairs slope and vertical/horizontel	numbers
uistance	distance	distance	 ordered pairs, slope, and vertical/horizontal distance 	 ordered pairs, slope, and vertical/horizontal
The student is inaccurate when The			usiance	distance
a computing with the	he student is rarely accurate when	The student is usually accurate when	The student is accurate when	
computing with integers and order of operations with rational numbers	computing with integers and order of	 computing with integers and order of 	 computing with integers and order of 	The student is highly accurate when
applying real number properties	operations with rational numbers	operations with rational numbers	operations with rational numbers	 computing with integers and order of constituent with anti-order.
 solving one- and two-step linear equations 	applying real number properties	 applying real number properties 	 applying real number properties 	 operations with rational numbers applying real number properties
 multiplying and dividing numbers between 0 	solving one- and two-step linear equations	 solving one- and two-step linear equations 	 solving one- and two-step linear equations 	 solving one- and two-step linear equations
and 1, numbers larger than one, and	multiplying and dividing numbers between 0 and 1, numbers larger than one, and	 multiplying and dividing numbers between 0 	 multiplying and dividing numbers between 0 	 multiplying and dividing numbers between 0
multiplying by zero	multiplying by zero	and 1, numbers larger than one, and	and 1, numbers larger than one, and	and 1, numbers larger than one, and
 finding the probability of compound and 	find the state of	 multiplying by zero finding the probability of compound and 	multiplying by zero	multiplying by zero
independent events	independent events	and any are probability of compound and	 finding the probability of compound and 	 finding the probability of compound and
		independent events	independent events	independent events
The student seldom uses problem-solving The	e student inconsistently uses some problem-	The student uses some problem-solving techniques	-	
solve solve			The student usually uses multiple problem-solving	The student effectively uses multiple problem-
 real-world problems with rational numbers, 	ب ب ب البيالية المسير الممس	 real-world problems with rational numbers, 	techniques to accurately solve	solving techniques to accurately solve
pi, and percents	pi, and percents	pi, and percents	 real-world problems with rational numbers, 	 real-world problems with rational numbers,
The student incomplete st		Pri and porodito	pi, and percents	pi, and percents
The student inconsistently uses representations The and is unable to explain the reasoning process and	e student inconsistently uses representations	The student uses representations and usually	The student uses representations and sufficiently	-
	d partially explains the reasoning process used		explains the reasoning process used to	The student accurately uses representations and
represent real-world problems		 represent real-world problems 	represent real-world problems	effectively explains the reasoning process used to
towned to be a second	represent real-world problems	 translate between numerical, graphical, 	 translate between numerical, graphical, 	represent real-world problems translate between numerical graphical
translate between numerical, graphical, tabular, and symbolic representations of	translate between numerical, graphical,	tabular, and symbolic representations of	tabular, and symbolic representations of	a anothe between numerical, yrapilical,
linear relationships	tabular, and symbolic representations of	linear relationships	linear relationships	tabular, and symbolic representations of linear relationships
model situations graphically, algebraically		 model situations graphically, algebraically 	 model situations graphically, algebraically 	 model situations graphically, algebraically,
and geometrically	model situations graphically, algebraically and geometrically	and geometrically	and geometrically	 Inddet stuations graphically, algebraically, and geometrically
predict simple events	predict simple events	 predict simple events 	 predict simple events 	predict simple events
	predict simple events			- prodict simple events

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High School Mathematics

Academic Warning	Approaches Standard	Meets Standard	Exceeds Standard	Exemplary
A student scoring at the academic warning level always performs inconsistently and/or inaccurately when working on <u>all</u> grade-level mathematical tasks.	A student scoring at the approaches standard level usually performs inconsistently and/or inaccurately when working on <u>most</u> grade-level mathematical tasks.	A student scoring at the meets standard level usually performs consistently and accurately when working on most grade-level mathematical tasks.	A student scoring at the exceeds standard level <u>usually performs consistently and accurately</u> when working on <u>all</u> grade-level mathematical tasks.	A student scoring at the exemplary level <u>always</u> <u>performs consistently and accurately</u> when working on <u>all</u> grade-level mathematical tasks.
The student <u>struggles</u> to demonstrate content knowledge and application skills. The student <u>seldom</u> understands and uses properties of real numbers slopes of parallel and perpendicular lines slope/y-intercept forms of a line	The student demonstrates <u>limited</u> content knowledge and application skills. The student <u>sometimes</u> understands and uses properties of real numbers slopes of parallel and perpendicular lines slope/y-intercept forms of a line	The student demonstrates <u>sufficient</u> content knowledge and application skills. The student <u>usually</u> understands and uses properties of real numbers slopes of parallel and perpendicular lines slope/y-intercept forms of a line	The student demonstrates <u>well-developed</u> content knowledge and application skills. The student <u>usually</u> understands and uses • properties of real numbers • slopes of parallel and perpendicular lines • slope/y-intercept forms of a line	The student demonstrates <u>highly-developed</u> content knowledge and application skills. The student <u>consistently</u> understands and uses • properties of real numbers • slopes of parallel and perpendicular lines • slope and y-intercept forms of a line
 The student is <u>inaccurate</u> when solving systems of equations computing probability and odds analyzing the effects of transformations on perimeter, area, and volume analyzing the effect of changes in the slope and constant of linear equations 	The student is <u>rarely accurate</u> when • solving systems of equations • computing probability and odds • analyzing the effects of transformations on perimeter, area, and volume • analyzing the effect of changes in the slope and constant of linear equations	The student is <u>usually accurate</u> when solving systems of equations computing probability and odds analyzing the effects of transformations on perimeter, area, and volume analyzing the effect of changes in the slope and constant of linear equations	 The student is <u>accurate</u> when solving systems of equations computing probability and odds analyzing the effects of transformations on perimeter, area, and volume analyzing the effect of changes in the slope and constant of linear equations 	The student is <u>always accurate</u> when solving systems of equations computing probability and odds analyzing the effects of transformations on perimeter, area, and volume analyzing the effect of changes in the slope and constant of linear equations
The student <u>seldom uses</u> problem-solving techniques to solve real-world problems involving volume and surface area of rectangular solids and cylinder, and application of percents real-world applications of linear equations and inequalities real-world applications of the Pythagorean Theorem real-world problems using data analysis from a data display 	The student inconsistently uses some problem- solving techniques to solve real-world problems involving volume and surface area of rectangular solids and cylinder, and application of percents real-world applications of linear equations and inequalities real-world applications of the Pythagorean Theorem real-world applications using data analysis from a data display	 The student <u>uses some</u> problem-solving techniques to <u>accurately</u> solve real-world problems involving volume and surface area of rectangular solids and cylinder, and application of percents real-world applications of linear equations and inequalities real-world applications of the Pythagorean Theorem real-world problems using data analysis from a data display 	 The student <u>usually uses multiple</u> problem-solving techniques to <u>accurately</u> solve real-world problems involving volume and surface area of rectangular solids and cylinder, and application of percents real-world applications of linear equations and inequalities real-world applications of the Pythagorean Theorem real-world problems using data analysis from a data display 	 The student <u>effectively uses multiple</u> problem- solving techniques to <u>accurately</u> solve real-world problems involving volume and surface area of rectangular solids and cylinder, and application of percents real-world applications of linear equations and inequalities real-world applications of the Pythagorean Theorem real-world problems using data analysis fror a data display
The student <u>inconsistentity uses</u> representations and is <u>unable to explain</u> the reasoning process used to adjust estimates represent real-world problems with linear equations and inequalities interpret the real-world meaning of slope, intercepts, and points on/off a line interpret the effect of outliers approximate the line of best fit analyze data from a data display	The student <u>inconsistently uses</u> representations and <u>partially explains</u> the reasoning process used to adjust estimates represent real-world problems with linear equations and inequalities interpret the real-world meaning of slope, intercepts, and points on/off a line interpret the effect of outliers approximate the line of best fit analyze data from a data display	The student <u>uses</u> representations and <u>usually</u> <u>explains</u> the reasoning process used to adjust estimates represent real-world problems with linear equations and inequalities interpret the real-world meaning of slope, intercepts, and points on/off a line interpret the effect of outliers approximate the line of best fit analyze data from a data display	The student <u>uses</u> representations and <u>sufficiently</u> <u>explains</u> the reasoning process used to adjust estimates represent real-world problems with linear equations and inequalities interpret the real-world meaning of slope, intercepts, and points on/off a line interpret the effect of outliers approximate the line of best fit analyze data from a data display	The student <u>accurately uses</u> representations and <u>effectively explains</u> the reasoning process used to adjust estimates represent real-world problems with linear equations and inequalities interpret the real-world meaning of slope, intercepts, and points on/off a line interpret the effect of outliers approximate the line of best fit analyze data from a data display

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