

F	A student who achieves at the amorging performance level typically attends to
Emerging	chiests and people and uses attributes or characteristics to identify and cost
	familiar chiests into sets
	The student attends to objects and people by
	a attending to now and different objects and people by
	• attending to new and different objects and people in the environment
	objects into sets by
	• understanding the difference between parts of objects and whole objects
	 recognizing sets of objects and determining if the objects in a set are the
	same or different based on a given attribute (for example size shape or
	texture)
	• understanding the combining and dividing of objects by attending to a
	particular set of objects and then moving the objects either to create a
	group or to create separate sets
Annroaching	A student who achieves at the approaching the target performance level
	typically represents and solves problems using an understanding of abstract
the larget	math concepts and symbols.
	The student represents and solves problems using an understanding of abstract
	math concepts and symbols by
	• recognizing how numbers appear in a sequence (for example, 5, 6, 7) and
	counting to 30
	 identifying symbols used in equations (for example, =, -, +)
	 solving basic addition and subtraction problems with solutions up to 20
	• communicating basic place-value knowledge by recognizing ten objects as a
	tens unit
	 comparing length when shown two similar objects
	• classifying shapes based on a given attribute (for example, number of sides)
	• identifying shapes divided into equal parts from shapes that are divided
	into unequal parts

At Target	A student who achieves at the at target performance level typically makes sense of problems and perseveres in solving them, and identifies repeating calculations or patterns.
	The student makes sense of problems and solves them by
	 identifying the place value of two-digit numbers to the tens place
	 selecting appropriate tools for measuring
	 calculating the length of objects using informal units of measurement
	 identifying shapes divided into fractional parts and shapes that are whole
	 recognizing the hour and minute on a digital clock display and telling time to the nearest hour
	 recognizing the structure of a picture or bar graph
	 answering questions about the data displayed in a graph
	The student identifies repeating calculations or patterns by
	 solving repeated addition problems (for example, 2 + 2 + 2 or 3 + 3 + 3)
	 classifying data based on given attributes (for example, number of objects)
	 skip counting by tens (for example, 10, 20, 30)
Advanced	A student who achieves at the advanced performance level typically calculates
	accurately, understands mathematical terms, and uses that understanding to
	identify connections between mathematical concepts.
	The student calculates accurately by
	• multiplying numbers 1 through 5
	 solving two-step addition and subtraction word problems with solutions up
	to 20
	 extending a pattern of symbols or numbers
	 identifying shapes divided into fractional parts up to one-half
	The student uses mathematical terms and identifies connections between
	mathematical concepts by
	 comparing and rounding numbers to the nearest ten
	 communicating length in inches and feet
	 communicating time to the half hour on a digital or analog clock

Emerging	A student who achieves at the emerging performance level typically looks for
00	and makes use of mathematical structures (for example, patterns and
	attributes of shapes).
	The student looks for and makes use of mathematical structures by
	 attending to objects and shapes
	 recognizing objects or shapes that are whole or in separate parts
	 recognizing that a set is a group of objects or shapes with similar or
	different characteristics
	 understanding the combining and dividing of objects by moving them to create a group or to create separate sets
	 recognizing enclosures or boundaries and arranging objects or shapes into
	pairs based on attributes within the enclosure (for example, moving similar
	blocks into a box)
	 combining or separating groups of objects to demonstrate the beginning concepts of addition and subtraction
Approaching	A student who achieves at the approaching the target performance level
the Target	typically identifies repeated calculations, calculates accurately, and attends to
the larget	precision in computation and measurement.
	The student identifies repeated calculations by
	 solving repeated addition problems (for example, 2 + 2 + 2)
	The student calculates accurately by
	 adding and subtracting numbers within 20
	The student attends to precision in computation and measurement by
	 counting objects, ordering numbers, and classifying objects based on
	attributes
	 communicating place value of numbers to the tens place
	 recognizing patterns of numbers and symbols
	 ordering numbers
	 classifying objects based on attributes
	 recognizing shapes divided into two or more parts
	 recognizing math symbols (for example, symbols for lines, rays, and line
	segments)
	 comparing the weight or volume of two objects
	 identifying the value of coins (pennies, nickels, dimes, and quarters)
	 recognizing the hour hand and minute hand on an analog clock
	 recognizing hours and minutes on a digital clock

At Target	A student who achieves at the at target performance level typically calculates accurately, reasons abstractly, interprets data, and makes sense of problems and perseveres in solving them.
	The student calculates accurately by

	 adding or subtracting two-digit numbers up to 100
	 rounding two-digit numbers to the nearest ten
	The student reasons abstractly, interprets data, makes sense of problems, and
	perseveres in solving them by
	 solving word problems with solutions up to 100
	 identifying the core unit of a repeating number or symbol pattern (for
	example, in 123123123, the core unit is 123)
	 recognizing parallel lines and intersecting lines in shapes
	 comparing types of angles (for example, acute, obtuse, and right)
	 counting unit squares to calculate area
	• using appropriate tools (for example, scales, tiles, or measuring cups) to
	measure the weight, area, or volume of different objects
	 identifying fractions up to one-fourth
	 telling time to the hour and half hour on a digital or analog clock
	 identifying coin names and values of coins (pennies, nickels, dimes, and
	quarters) and one dollar bills
	 interpreting information on a graph and using that information to answer
	auestions
Advanced	A student who achieves at the advanced performance level typically calculates
Advanced	accurately, reasons abstractly, explains reasoning, and uses appropriate tools to
	solve problems.
	The student calculates accurately by
	 adding or subtracting two-digit numbers with regrouping
	 solving two-step addition or subtraction word problems
	 multiplying numbers up to 12 by numbers 1 through 5
	The student reasons abstractly and explains reasoning by
	 rounding three-digit numbers to the nearest ten or hundred
	• identifying the core unit of a repeating pattern (for example, in 123123123,
	the core unit is 123)
	 extending a pattern that uses numbers or symbols
	 comparing and ordering angles from largest to smallest or smallest to
	largest
	 estimating the weight or volume of objects by comparing them to familiar
	objects in the environment
	 calculating coin equivalency (for example, the number of nickels equal to
	one quarter)
	The student uses appropriate tools to solve problems by
	 telling time to the quarter hour on a digital and analog clock
	 making predictions about data after interpreting a line graph

Emerging	A student who achieves at the emerging performance level typically attends to
	objects and looks for and makes use of mathematical structures (for example,
	patterns and attributes of shapes).
	The student attends to and seeks objects by
	 attending to new objects in the environment
	 identifying familiar objects and communicating whether the objects are
	grouped together or are separate
	 recognizing objects that are the same or different based on measureable
	attributes (for example, size of shape and number of sides)
	The student looks for and makes use of mathematical structures by
	identifying objects that are in a set
	identifying a pattern of objects
	arranging objects in pairs
	 recognizing the number of objects in a set and classifying objects or shapes
	by a given attribute (for example, number of sides)
Approaching	A student who achieves at the approaching the target performance level
the Target	typically identifies repeated calculations, models with mathematics, and makes
	sense of problems and perseveres in solving them.
	The student identifies repeated calculations by
	• recognizing that repeated addition problems are made up of a set of
	numbers (for example, $2 + 2 + 2$)
	 demonstrating the concept of multiplication
	 identifying a number or symbol pattern
	The student models with mathematics by
	 recognizing coins (pennies, nickels, dimes, and quarters)
	 identifying two-dimensional and three-dimensional shapes and their
	attributes
	 recognizing equal shares of objects (for example, a shape divided into two
	equal parts) and recognizing fractions
	The student makes sense of problems and perseveres in solving them by
	 demonstrating number sense with numbers up to 10
	 communicating place value of numbers to the tens place
	 comparing numerals up to 10 and comparing two sets of up to ten objects
	 knowing the difference between coins and dollar bills, and communicating
	coin and bill values
	 recognizing the hour and minute on a digital clock or analog clock and
	telling time to the hour
	Interpreting data from a graph or chart
At Target	A student who achieves at the at target performance level typically calculates
	accurately, reasons abstractly, interprets data, and uses mathematical tools to
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	The student calculates accurately by
	• multiplying numbers by 1 through 5
	demonstrating beginning division skills (for example, repeated subtraction.
	dividing groups of objects)
	 identifying two- and three-dimensional shapes

 identifying fractions with denominators to 10
 calculating coin equivalency (for example, the number of nickels equal to
one quarter)
The student reasons abstractly by
 demonstrating number sense up to 100 by comparing two sets of objects or numerals up to 100
 communicating the place value of numerals up to the tens place
 recognizing and extending patterns of numbers or symbols
The student interprets data by
 using information from bar, picture, or line plot graphs to answer questions
 represent data on bar, picture, or line plot graphs
The student uses mathematical tools to solve problems by
 measuring objects using appropriate tools (for example, a scale to weigh
objects or a ruler to measure length)
 comparing the length or weight of two or more objects
 telling time to the hour, half hour, and quarter hour on a digital or analog
clock

Advanced	A student who achieves at the advanced performance level typically calculates accurately, reasons abstractly, explains reasoning, interprets real-world problems, and models solutions.
	 The student calculates accurately by identifying sets of objects that have been equally distributed in images to
	demonstrate beginning division
	 identifying and supplying missing numbers in a pattern
	 ordering numbers from least to greatest
	 recognizing proper fractions on an area-model representation (for example, a garden divided into four equal parts)
	 recognizing whether an object is two-dimensional or three-dimensional
	 sorting two-dimensional shapes that are the same size
	 recognizing attributes and characteristics of three-dimensional shapes
	 recognizing measurable attributes (for example, size and shape)
	The student explains reasoning by
	 demonstrating and expanding math vocabulary by using terms (for example, same, different, more, and fewer)
	 communicating the relationship between multiplication and division (for
	example, connecting $2 \times 5 = 10$ and $10 \div 2 = 5$)
	The student interprets real-world problems and models their solutions by
	 rounding whole numbers to the nearest hundred
	 estimating measures of length and weight
	 determining the volume of a rectangular prism
	adding money using mixed coins
	 telling time to the quarter hour on a digital or analog clock
	 making predictions about data displayed in a graph

Emerging	A student who achieves at the emerging performance level typically attends to and seeks objects or people and looks for and makes use of mathematical structures (for example, patterns and attributes of shapes).
	 The student attends to and seeks objects by arranging objects into sets recognizing sets and subsets of objects recognizing groups of objects that are separated
	 recognizing the amount <i>some</i> recognizing objects that are whole and objects in parts recognizing a unit
	 The student looks for and makes use of mathematical structures by identifying equal parts of objects (for example, shapes, markers, and toys) partitioning, or dividing, sets of objects into equal groups combining and comparing sets of objects
	 classifying objects by attributes (for example, size and shape) ordering objects using a rule or pattern recognizing objects inside and outside of an enclosure
Approaching the Target	A student who achieves at the approaching the target performance level typically identifies repeated calculations, models with mathematics, and reasons abstractly.
	 The student identifies repeated calculations by solving repeated addition problems (for example, 2 + 2 + 2 or 4 + 4 + 4) solving repeated subtraction problems (for example, 10 - 2 - 2 - 2 - 2) The student models with mathematics by
	 representing addition and subtraction in equations The student reasons abstractly by explaining volume as a composition of unit cubes recognizing the distribution of data by its shape explaining the relationship between a unit square and area

At Target	A student who achieves at the at target performance level typically calculates
	accurately, reasons abstractly, interprets data, and uses mathematical tools to
	solve problems.
	The student calculates accurately by
	 solving word problems involving the area of rectangles
	• multiplying numbers up to 12 by 1 2 3 4 or 5
	 solving equations with positive and negative numbers
	 solving for the unknown value in expressions
	 packing unit cubes to calculate volume of rectangular prisms
	• demonstrating the concept of division
	The student reasons abstractly by
	 explaining the relationships between unit fractions and decimals
	 representing unknown values in expressions with variables
	 explaining opposite numbers (for example, -2 and 2)
	 recognizing equivalent expressions that involve addition or subtraction
	The student interprets data by
	 recognizing the overall shape of data in a graph
	 identifying outliers in a data distribution
	The student uses mathematical tools to solve problems by
	 calculating area with unit squares and tiling
Advanced	A student who achieves at the advanced performance level typically calculates
	accurately, reasons abstractly, explains reasoning, and interprets real-world
	problems and models their solutions.
	The student calculates accurately by
	 using tiling and formulas to find the area of a rectangle
	 using a formula to calculate the volume of rectangular prisms
	 dividing numbers up to 12 by 1, 2, 3, 4, or 5
	 recognizing and representing ratios of many to one and many to many (for example, 3:1 or 4:6)
	 adding, comparing, and decomposing fractions (for example, 2/4 = 1/4 + 1/4)
	The student reasons abstractly by
	 recognizing the overall shape of data on a graph
	The student explains reasoning by
	 communicating measurements of center by using data distribution (for example, a graph or line plot)
	The student interprets real-world problems and models their solutions by
	 solving real-world problems
	 using properties of operations to generate equivalent expressions that
	involve addition and subtraction
	 explaining inequalities and integers in the real world

Emerging	A student who achieves at the emerging performance level typically attends to and seeks objects or people and looks for and makes use of mathematical structures (for example, patterns and attributes of shapes).
	 The student attends to and seeks objects or people by paying attention and noticing new things in their environment recognizing measurable attributes of an object (for example, size, shape, and number of sides) identifying objects that are the same and objects that are different The student looks for and makes use of mathematical structures by
	 combining and partitioning, or dividing, objects into sets
	classifying objects arranging objects
	 arranging objects using a rule recognizing separate objects and objects in a set
	 recognizing the concept of <i>whole</i> on a set model
	 identifying patterns that occur in nature and real life (for example, sunrise and sunset)
Approaching the Target	A student who achieves at the approaching the target performance level typically identifies repeated calculations, looks for and makes use of mathematical structures, and models with mathematics.
	The student identifies repeated calculations by
	 modeling, solving, and explaining repeated addition (for example, 2 + 2 + 2 or 4 + 4 + 4)
	 modeling, solving, and explaining repeated subtraction (for example, 10 - 2 - 2 - 2 - 2)
	The student looks for and makes use of mathematical structures by
	matching identical two-dimensional and three-dimensional shapes The student models with mathematics by
	 recognizing increasing or decreasing patterns (for example, 1, 3, 5 or 8,
	 recognizing line plots, bar graphs, and picture graphs
	 recognizing lines, line segments, points, and rays
	 recognizing two-dimensional and three-dimensional shapes

At Target	A student who achieves at the at target performance level typically calculates accurately, reasons abstractly, and explains reasoning.
	The student calculates accurately by
	 adding and subtracting fractions with common denominators (for example, 2/5 + 1/5)
	 decomposing fractions (for example, 2/4 = 1/4 + 1/4)
	 demonstrating the concept of multiplication and division
	• applying the properties of addition and multiplication to solve problems
	evolution reasons abstractly by
	• recognizing angles of different sizes (for example acute right and obtuse)
	 recognizing an arithmetic sequence
	recognizing the outcomes of an event
	 recognizing tenths and one-tenth in decimal and fraction form (for
	example, .10 and 1/10)
	The student explains their reasoning by
	 describing attributes of shapes (for example, size and number of sides)
	 explaining length and perimeter
	 classifying events as possible or impossible
	 recognizing the outcomes of an event
Advanced	A student who achieves at the advanced performance level typically calculates
	accurately, reasons abstractly, explains reasoning, interprets real-world
	problems, models solutions, and interprets data.
	The student calculates accurately by
	 matching similar two-dimensional and three-dimensional shapes
	 using coordinates on a grid to find the perimeter of polygons
	comparing angles to a right angle
	demonstrating the relationship between multiplication and division
	adding and subtracting fractions with denominators of 10 and 100 (for
	example, 4/10 + 60/100)
	 Inditiplying numbers 1–20 by numbers 1–5 and 10 dividing numbers 1–20 by numbers 1–5 and 10
	 Inviting fractions as decimals
	The student reasons abstractly and explains reasoning by
	• explaining decimals
	 recognizing recursive rules for arithmetic sequences
	 using symbols to compare two decimals with a hundredths place (for
	example, 0.01 > 0.001)
	The student interprets real-world problems and models their solutions by
	 recognizing equivalent expressions
	writing equivalent expressions for word problems
	The student interprets data by
	assessing the variability of data sets
	comparing the shapes of two data sets
	 arawing interences based on the shape and spread of data

Emerging	A student who achieves at the emerging performance level typically looks for
00	and makes use of mathematical structures (for example, patterns and
	attributes of shapes).
	The student leave for and makes use of mothematical structures by
	• combining and partitioning, or dividing, sets of objects
	• combining and partitioning, of dividing, sets of objects
	recognizing a set of objects
	 recognizing objects that are senarate from a set
	 classifying objects and ordering objects by attribute
	 recognizing attribute values of shapes (for example, size and number of
	sides)
	 identifying objects that are the same and objects that are different
	 combining two parts or two sets to make a whole
	 recognizing patterns occurring in nature (for example, sunrise and sunset)
	 using sets of objects to demonstrate the concept of addition
Approaching	A student who achieves at the approaching the target performance level
the Target	typically identifies repeated calculations, looks for and makes use of
	mathematical structures, reasons abstractly, and interprets data.
	The student identifies repeated calculations by
	• solving modeling and evaluations by
	• solving, modeling, and explaining repeated addition problems (for example, $2 + 2 + 2$ or $4 + 4 + 4$)
	 modeling, solving, and explaining repeated subtraction problems (for
	example, 10 - 2 - 2 - 2)
	The student looks for and makes use of mathematical structures by
	 recognizing tenths and one-tenth in decimal and fraction form (for
	example, .10 and 1/10)
	 matching two-dimensional and three-dimensional shapes
	 recognizing angles of different degrees (for example, acute, obtuse, and
	right)
	The student reasons abstractly by
	 explaining transformations of geometric shapes recognizing increasing and decreasing nattorns
	 recognizing increasing and decreasing patterns extending a nattern
	matching two-dimensional shapes
	The student interprets data by
	• explaining coordinate pairs
	 recognizing bar graphs, picture graphs, line graphs, and charts
	 using graphs or charts to answer questions
At Target	A student who achieves at the at target performance level typically makes
	sense of problems and perseveres in solving them, calculates accurately,
	reasons abstractly, and interprets data.
	The student makes sense of problems and calculates accurately by
	 recognizing exponents

 representing decimals with tenths and hundredths as fractions (for
example, $0.40 = 4/10$)
 subtracting two fractions with the same denominator
 subtracting two decimals
 finding the unknown value in an equation
 solving multiplication problems
 representing fractions as decimals
The student reasons abstractly by
 explaining decimals
 comparing angles to a right angle
 recognizing figures that have had a transformation (for example, a
translation, reflection, or rotation)
 recognizing congruent figures
The student interprets data by
 reading and representing data on graphs and charts
 recognizing covariation and the direction of covariation
 generating ordered pairs

Advanced	A student who achieves at the advanced performance level typically calculates accurately, attends to precision in calculations, reasons abstractly, explains reasoning, interprets real-world problems, models solutions, and interprets data.
	 The student calculates accurately and attends to precision by solving word problems involving addition, subtraction, or multiplication finding the function rule in graphs and tables using formulas to calculate area, perimeter, and volume representing a fraction as a decimal ovaluations the properties of evaporate
	 explaining the properties of exponents solving linear inequalities adding and subtracting fractions with unlike denominators of 10 and 100 (for example, 4/10 + 60/100)
	 The student reasons abstractly and explains reasoning by recognizing the recursive rule relating similar figures to transformations describing a series of transformations on shapes
	 recognizing the effects of transformations on lines and angles The student interprets real-world problems and models their solutions by recognizing and extending geometric sequences
	 explaining complementary angles using symbols to compare decimals with thousandths (for example, 0.002 < 0.005) The student interprets data by
	 recognizing covariation and the direction of covariation making predictions using data on graphs and charts

Emerging	A student who achieves at the emerging performance level typically looks for and makes use of mathematical structures (for example, patterns and attributes of shapes).
	 The student looks for and makes use of mathematical structures by partitioning, or dividing, and combining objects or shapes recognizing attributes of shapes (for example, size and number of sides) recognizing sets and subsets of objects recognizing objects that are separate understanding opposites recognizing objects as the same or different
Approaching the Target	A student who achieves at the approaching the target performance level typically calculates accurately and looks for and makes use of mathematical structures.
	 The student calculates accurately by using repeated addition to solve problems (for example, 2 + 2 + 2 or 4 + 4 + 4) using repeated subtraction to solve problems (for example, 10 - 2 - 2 - 2 - 2) understanding place value (for example, that one ten equals ten ones) calculating the area and perimeter of shapes demonstrating an understanding of multiplication and division The student looks for and makes use of mathematical structures by recognizing two-dimensional and three-dimensional shapes recognizing measureable attributes (for example, size, shape, and number of sides) identifying points, rays, and right angles

At Target	A student who achieves at the at target performance level typically makes sense of problems and perseveres in solving them, calculates accurately, looks for and makes use of mathematical structures, and reasons abstractly.
	 The student makes sense of problems, perseveres in solving them, and calculates accurately by solving multiplication and division word problems finding the unknown value in multiplication and division equations solving real-world problems with rational numbers solving word problems involving area and perimeter The student looks for and makes use of mathematical structures by
	 recognizing measureable attributes representing linear equations that contain one variable matching two-dimensional and three-dimensional shapes recognizing circles, perpendicular lines, and parallel lines The student reasons abstractly by
	 using geometric shape names to describe real-world objects describing a mathematical situation
Advanced	A student who achieves at the advanced performance level typically calculates accurately, attends to precision in calculations, and looks for and makes use of mathematical structures.
	 The student calculates accurately and attends to precision by applying the associative and commutative properties of addition and multiplication to solve problems multiplying without a calculator solving real-world problems solving multi-step word problems
	 solving matt-step word problems The student looks for and makes use of mathematical structures by applying math vocabulary to solve problems identifying vertical, straight, and adjacent angles

Emerging	A student who achieves at the emerging performance level typically looks for and makes use of mathematical structures (for example, patterns and attributes of shapes). The student looks for and makes use of mathematical structures by • combining and partitioning, or dividing, objects into sets • recognizing objects or shapes that are the same or different • forming pairs of objects • communicating the number of objects (up to ten) in a set without counting • comparing objects in a set based on attributes (for example, size, shape, and number of sides) • ordering objects using a rule
	 recognizing attributes of objects (for example, shape, size, and number of sides)
Approaching the Target	A student who achieves at the approaching the target performance level typically calculates accurately, looks for and makes use of mathematical structures, and interprets data.
	 The student calculates accurately by rounding decimals to the tenths and hundredths places using different operations (for example, addition and subtraction) to solve problems writing equations using different operations (for example, addition and subtraction) The student looks for and makes use of mathematical structures by classifying objects based on attributes (for example, size, shape, and number of sides) matching two-dimensional and three-dimensional shapes of the same size and different orientation The student interprets data by identifying types of bar, picture, or line graphs reading and communicating data from bar and picture graphs

At Target	A student who achieves at the at target performance level typically makes
Al larget	sense of problems and persoveres in solving them, calculates accurately
	sense of problems and perseveres in solving them, calculates accurately,
	reasons abstractly, and interprets data.
	The student makes some of much land, non-construction shows and
	The student makes sense of problems, perseveres in solving them, and
	calculates accurately by
	 solving linear equations that include one variable
	 solving linear inequalities
	 reporting numerical answers with a degree of precision
	 representing and solving real-world problems
	 solving problems using rational numbers
	The student reasons abstractly by
	 communicating if an event outcome is possible or impossible
	 communicating whether an event is independent or dependent
	 recognizing transformations of congruent figures
	The student interprets data by
	• calculating the mean of a data set
	• using graphs to interpret concrete information
	communicating an understanding of har graphs, nicture graphs, line plots
	• communicating an understanding of bar graphs, picture graphs, line piots,
	and pie charts
	• explaining the x-coordinate and y-coordinate
	Interpreting a point within a line on a graph
	recognizing covariation within a data set
Advanced	A student who achieves at the advanced performance level typically calculates
	accurately, makes use of mathematical structures, attends to precision in
	calculations, reasons abstractly, and interprets data.
	The student calculates accurately and attends to precision by
	 solving multi-step word problems
	The student looks for and makes use of mathematical structures by
	 selecting and applying appropriate mathematical methods to solve
	problems
	 understanding and recognizing congruent shapes
	The student reasons abstractly by
	 synthesizing information presented in word problems
	 using transformations to describe compound events
	• explaining compound events
	The student interprets data by
	 calculating the median and mode of a data set
	• predicting information using a graph or chart
	analyzing and comparing data from different graphical representations

Emerging	A student who achieves at the emerging performance level typically looks for
	attributes of shapes).
	The student looks for and makes use of mathematical structures by
	forming pairs of objects
	 combining and comparing object pairs close the state of shares by attribute (for everyple, size, share, and
	 classifying objects of snapes by attribute (for example, size, snape, and number of sides)
	 combining two parts to make a whole
	 communicating if an object is the same or different
	 identifying objects that are the same and objects that are different
	 matching two-dimensional and three-dimensional shapes
	 ordering objects using a rule
	 recognizing patterns in real life or nature (for example, sunrise and sunset)
Approaching	A student who achieves at the approaching the target performance level
the Target	typically calculates accurately, looks for and makes use of mathematical
	structures, and interprets data.
	The student calculates accurately by
	 solving and explaining repeated addition problems (for example, 2 + 2 + 2 or 4 + 4 + 4)
	 recognizing a sample space (all possible outcomes of an event)
	The student looks for and makes use of mathematical structures by
	 recognizing patterns and sequences of numbers or symbols
	 matching two-dimensional and three-dimensional shapes
	The student interprets data by
	 identifying bar graphs, picture graphs, line plots, and pie charts
	 using math vocabulary related to graphing to solve problems (for example,
	variability, peak of data, and outlier)
	explaining coordinate pairs
	 explaining the x-coordinate and y-coordinate

At Target	A student who achieves at the at target performance level typically makes
Ū	sense of problems, perseveres in solving them, models with mathematics,
	reasons abstractly, and interprets data.
	The student makes sense of problems and perseveres in solving them by
	 solving multiplication problems
	 recognizing the recursive rule in an equation or an arithmetic sequence
	The student models with mathematics by
	 recognizing and extending geometric and arithmetic sequences
	 recognizing and explaining similar and congruent figures
	The student reasons abstractly by
	 identifying the theoretical probability of an event
	 identifying all possible outcomes of an event
	The student interprets data by
	 solving problems using graphs
	 interpreting data and using it to make inferences
	 understanding covariation
	 finding the average rate of change (slope) of a linear function
Advanced	A student who achieves at the advanced performance level typically calculates
	accurately, attends to precision in calculations, reasons abstractly, and
	interprets data.
	The student calculates accurately and attends to precision by
	 simplifying expressions with exponents
	 applying a sequencing rule
	 finding a term in an arithmetic sequence
	 extending geometric and arithmetic sequences
	 finding perfect squares and cubes
	 identifying the interval of increase or decrease in variables of a numerical
	relation
	The student reasons abstractly by
	 relating transformations to congruent and similar shapes
	 applying theoretical probability to simple events
	The student interprets data by
	 comparing data sets to draw inferences
	 solving real-world problems with graphs and tables
	 analyzing graphs, tables, and data distributions
	 predicting and extending information using graphs and tables