

Learning Continuum - Test View

MAP: Math 2-5 Common Core 2010 V2

[Print](#)**Goal: Operations and Algebraic Thinking****Sub-goal: Represent and Solve Problems**

171-180 Reinforce these skills & concepts	181-190 Develop these skills & concepts	191-200 Introduce these skills & concepts
Number Sentences/Equations/Equivalence		
<ul style="list-style-type: none"> • Decomposes whole numbers within 10 in more than one way • Determines start or change unknown in subtraction equations with whole numbers within 20 • Determines unknown factors in multiplication equations with whole numbers and products within 100 • Determines unknown parts in addition equations with whole numbers, sums within 20 	<ul style="list-style-type: none"> • Decomposes whole numbers within 10 in more than one way • Determines start or change unknown in subtraction equations with whole numbers within 20 • Determines unknown factors in multiplication equations with whole numbers and products within 100 • Determines unknown parts in addition equations with whole numbers, sums within 20 • Represents division equations with whole numbers as part-unknown multiplication equations • Represents subtraction equations with whole numbers as part-unknown addition equations 	<ul style="list-style-type: none"> • Determines unknown divisors in division equations with whole numbers and dividends within 100 • Determines unknown factors in multiplication equations with whole numbers and products within 100 • Represents division equations with whole numbers as part-unknown multiplication equations • Represents subtraction equations with whole numbers as part-unknown addition equations
Numerical Expressions		
<ul style="list-style-type: none"> • Evaluates numerical expressions involving addition and subtraction with 	<ul style="list-style-type: none"> • Evaluates numerical expressions involving addition and subtraction with 	<ul style="list-style-type: none"> • Evaluates numerical expressions involving addition and subtraction with

whole numbers and parentheses	whole numbers and parentheses	whole numbers and parentheses <ul style="list-style-type: none"> Evaluates numerical expressions involving multiple operations with whole numbers and parentheses
Properties and Relationships of Operations		
<ul style="list-style-type: none"> Applies the commutative property of multiplication to whole numbers Identifies the missing equation in whole-number addition or subtraction fact families Understands the inverse relationship between addition and subtraction 	<ul style="list-style-type: none"> Identifies the missing equation in whole-number addition or subtraction fact families Represents division equations with whole numbers as part-unknown multiplication equations Represents multiplication as repeated addition Represents subtraction equations with whole numbers as part-unknown addition equations Understands the inverse relationship between addition and subtraction 	<ul style="list-style-type: none"> Applies the associative property of multiplication to whole numbers Represents division equations with whole numbers as part-unknown multiplication equations Represents multiplication as repeated addition Represents subtraction equations with whole numbers as part-unknown addition equations Understands multiplication as a comparison of sizes Understands multiplication as many groups of equal size Understands the inverse relationship between addition and subtraction Understands the inverse relationship between multiplication and division
Whole Numbers and Decimals: Rounding/Estimation		
<ul style="list-style-type: none"> Estimates solutions to multi-step word problems involving the four operations with whole numbers 	<ul style="list-style-type: none"> Estimates solutions to multi-step word problems involving the four operations with whole numbers 	<ul style="list-style-type: none"> Estimates solutions to multi-step word problems involving the four operations with whole numbers Estimates solutions to one-step word problems involving the four operations with whole numbers
Whole Numbers: Addition/Subtraction		
<ul style="list-style-type: none"> Adds three or more whole numbers with sums within 20 Subtracts whole numbers within 20 	<ul style="list-style-type: none"> Adds three or more whole numbers with sums within 20 	
Whole Numbers: Concepts/Properties		
<ul style="list-style-type: none"> Determines if sets of objects are even or odd 	<ul style="list-style-type: none"> Determines if sets of objects are even or odd 	<ul style="list-style-type: none"> Determines if sets of objects are even or odd
Whole Numbers: Multiplication/Division		
<ul style="list-style-type: none"> Multiplies basic facts Represents multiplication using models 	<ul style="list-style-type: none"> Divides basic facts Multiplies basic facts Represents multiplication using models 	<ul style="list-style-type: none"> Divides basic facts Multiplies basic facts
Whole Numbers: Place Value		
<ul style="list-style-type: none"> Decomposes numbers to make 10 as a strategy for addition or subtraction 	<ul style="list-style-type: none"> Decomposes numbers to make 10 as a strategy for addition or subtraction 	<ul style="list-style-type: none"> Decomposes numbers to make 10 as a strategy for addition or subtraction
Whole Numbers: Represent and Solve Word Problems		

- Estimates solutions to multi-step word problems involving the four operations with whole numbers
- Represents one-step addition and subtraction word problems with expressions or equations, whole numbers within 20
- Represents one-step addition and subtraction word problems with objects, whole numbers within 20
- Represents one-step equal-groups multiplication and division word problems with models, whole numbers
- Solves multi-step addition and subtraction word problems, whole numbers within 100
- Solves one-step additive-comparison word problems, whole numbers within 100
- Solves one-step additive-comparison word problems, whole numbers within 20
- Solves one-step equal-groups division word problems, whole numbers within 100
- Solves one-step equal-groups multiplication word problems, whole numbers with products within 100
- Solves one-step put-together word problems with result unknown, whole numbers within 100
- Solves one-step put-together word problems with result unknown, whole numbers within 20
- Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 20
- Solves one-step take-apart word problems with result unknown, whole numbers within 100
- Solves one-step take-apart word problems with result unknown, whole numbers within 20
- Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 20
- Solves put-together word problems involving three addends, whole numbers within 20

- Estimates solutions to multi-step word problems involving the four operations with whole numbers
- Represents multi-step word problems with expressions or equations, whole numbers
- Represents one-step addition and subtraction word problems with expressions or equations, whole numbers within 20
- Represents one-step equal-groups multiplication and division word problems with models, whole numbers
- Represents one-step equal-groups multiplication word problems as expressions or equations, whole numbers
- Represents one-step multiplicative-comparison word problems as expressions or equations, whole numbers
- Solves multi-step addition and subtraction word problems, whole numbers within 100
- Solves multi-step word problems involving the four operations with whole numbers
- Solves one-step additive-comparison word problems, whole numbers within 100
- Solves one-step additive-comparison word problems, whole numbers within 20
- Solves one-step equal-groups division word problems, whole numbers within 100
- Solves one-step equal-groups multiplication word problems, whole numbers with products within 100
- Solves one-step put-together word problems with result unknown, whole numbers within 100
- Solves one-step put-together word problems with result unknown, whole numbers within 20
- Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 100
- Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 20
- Solves one-step take-apart word problems with result unknown, whole numbers within 100
- Solves one-step take-apart word problems with result unknown, whole numbers within 20
- Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 100
- Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 20
- Solves put-together word problems involving three addends, whole numbers within 20

- Estimates solutions to multi-step word problems involving the four operations with whole numbers
- Represents multi-step word problems with expressions or equations, whole numbers
- Represents one-step addition and subtraction word problems with expressions or equations, whole numbers within 100
- Represents one-step addition and subtraction word problems with expressions or equations, whole numbers within 20
- Represents one-step equal-groups multiplication word problems as expressions or equations, whole numbers
- Represents one-step multiplicative-comparison word problems as expressions or equations, whole numbers
- Solves multi-step addition and subtraction word problems, whole numbers within 100
- Solves multi-step word problems involving the four operations with whole numbers
- Solves one-step additive-comparison word problems, whole numbers within 100
- Solves one-step additive-comparison word problems, whole numbers within 20
- Solves one-step equal-groups division word problems, whole numbers within 100
- Solves one-step equal-groups multiplication word problems, whole numbers with products within 100
- Solves one-step multiplicative-comparison word problems, whole numbers products within 100
- Solves one-step put-together word problems with result unknown, whole numbers within 100
- Solves one-step put-together word problems with result unknown, whole numbers within 20
- Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 100
- Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 20
- Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 100
- Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 20
- Solves put-together word problems involving three addends, whole numbers within 20

Sub-goal: Analyze Patterns and Relationships

171-180

181-190

191-200

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Patterns/Sequences/Series		
		<ul style="list-style-type: none"> Creates or extends shape patterns when given a rule Recognizes skip-counting patterns in 100s charts
Whole Numbers: Concepts/Properties		
		<ul style="list-style-type: none"> Identifies factors of numbers less than 100 Identifies prime and composite numbers

Goal: Number and Operations

Sub-goal: Understand Place Value, Counting, and Cardinality

171-180 Reinforce these skills & concepts	181-190 Develop these skills & concepts	191-200 Introduce these skills & concepts
Number Sentences/Equations/Equivalence		
<ul style="list-style-type: none"> Composes or decomposes whole numbers to create equivalent expressions 	<ul style="list-style-type: none"> Composes or decomposes whole numbers to create equivalent expressions 	<ul style="list-style-type: none"> Composes or decomposes whole numbers to create equivalent expressions
Whole Numbers and Decimals: Rounding/Estimation		
<ul style="list-style-type: none"> Rounds whole numbers within 100 	<ul style="list-style-type: none"> Rounds whole numbers within 1,000 Rounds whole numbers within 100 	<ul style="list-style-type: none"> Rounds decimals to nearest whole number Rounds whole numbers within 1,000 Rounds whole numbers within 1,000,000 Rounds whole numbers within 100
Whole Numbers: Compare/Order		
<ul style="list-style-type: none"> Compares sets of objects within 10 using terms Compares whole numbers within 1,000 using symbols Compares whole numbers within 1,000 using terms Compares whole numbers within 10,000 using symbols Compares whole numbers within 100 using symbols 	<ul style="list-style-type: none"> Compares sets of objects within 10 using terms Compares whole numbers within 1,000 using symbols Compares whole numbers within 10,000 using symbols Compares whole numbers within 100 using symbols 	<ul style="list-style-type: none"> Compares sets of objects within 10 using terms Compares whole numbers greater than 10,000 using symbols Compares whole numbers within 1,000 using symbols Compares whole numbers within 10,000 using symbols Compares whole numbers within 10,000 using terms Compares whole numbers within 100 using symbols
Whole Numbers: Counting and Cardinality		
<ul style="list-style-type: none"> Counts backward by 100s within 1,000 Counts by 100s within 1,000 Counts by 10s within 1,000 Counts by 10s within 100 	<ul style="list-style-type: none"> Counts backward by 100s within 1,000 Counts by 100s within 1,000 Counts by 5s within 100 	<ul style="list-style-type: none"> Counts backward by 100s within 1,000

- Counts by 5s within 100

Whole Numbers: Place Value

- Identifies the number of tens and ones in a model
- Reads and writes whole numbers within 1,000 as hundreds, tens, and ones
- Reads and writes whole numbers within 1,000 in expanded form
- Reads and writes whole numbers within 1,000 in word form
- Reads and writes whole numbers within 1,000,000 in word form
- Reads and writes whole numbers within 10,000 in expanded form
- Reads and writes whole numbers within 10,000 in word form
- Reads and writes whole numbers within 100 as tens and ones
- Reads and writes whole numbers within 100 in expanded form
- Reads and writes whole numbers within 100 in word form
- Reads and writes whole numbers within 20 as tens and ones
- Represents whole numbers within 1,000 with models
- Represents whole numbers within 100 with models
- Understands the value of a digit in whole numbers within 1,000
- Understands the value of a digit in whole numbers within 1,000,000

- Identifies the number of tens and ones in a model
- Reads and writes whole numbers within 1,000 as hundreds, tens, and ones
- Reads and writes whole numbers within 1,000 in expanded form
- Reads and writes whole numbers within 1,000 in word form
- Reads and writes whole numbers within 1,000,000 in word form
- Reads and writes whole numbers within 10,000 in expanded form
- Reads and writes whole numbers within 100 as tens and ones
- Reads and writes whole numbers within 100,000 in word form
- Represents whole numbers within 1,000 with models
- Understands the value of a digit in whole numbers greater than 1,000,000
- Understands the value of a digit in whole numbers within 1,000
- Understands the value of a digit in whole numbers within 1,000,000

- Identifies the number of tens and ones in a model
- Reads and writes whole numbers greater than 1,000,000 in word form
- Reads and writes whole numbers within 1,000 as hundreds, tens, and ones
- Reads and writes whole numbers within 1,000 in expanded form
- Reads and writes whole numbers within 1,000,000 in word form
- Reads and writes whole numbers within 10,000 in expanded form
- Reads and writes whole numbers within 100 as tens and ones
- Reads and writes whole numbers within 100,000 in expanded form
- Reads and writes whole numbers within 100,000 in word form
- Represents whole numbers greater than 1,000 with models
- Represents whole numbers within 1,000 with models
- Understands the value of a digit in whole numbers greater than 1,000,000
- Understands the value of a digit in whole numbers within 1,000
- Understands the value of a digit in whole numbers within 1,000,000

Sub-goal: Number and Operations in Base Ten

171-180

Reinforce

these skills & concepts

181-190

Develop

these skills & concepts

191-200

Introduce

these skills & concepts

Decimals: Addition/Subtraction

- Adds and subtracts decimals with the same number of digits after the decimal point

- Adds and subtracts decimals with the same number of digits after the decimal point

- Adds and subtracts decimals with different numbers of digits after the decimal point
- Adds and subtracts decimals with the same number of digits after the decimal point

Decimals: Multiplication/Division

- Multiplies decimals by whole numbers

Decimals: Represent and Solve Word Problems

- Solves one-step word problems involving addition and subtraction of decimals with the same number of digits after the decimal point, including contexts involving money

- Solves one-step word problems involving addition and subtraction of decimals with the same number of digits after the decimal point, including contexts involving money
- Solves one-step word problems involving

- Solves multi-step word problems involving the four operations and decimals, including contexts involving money
- Solves one-step word problems

	<p>multiplication of whole numbers and decimals to the hundredths, including contexts involving money</p>	<p>involving addition and subtraction of decimals with the same number of digits after the decimal point, including contexts involving money</p> <ul style="list-style-type: none"> • Solves one-step word problems involving multiplication of whole numbers and decimals to the hundredths, including contexts involving money
Money		
		<ul style="list-style-type: none"> • Solves multi-step money word problems involving coins and decimals
Number Sentences/Equations/Equivalence		
<ul style="list-style-type: none"> • Composes or decomposes whole numbers to create equivalent expressions 	<ul style="list-style-type: none"> • Composes or decomposes whole numbers to create equivalent expressions 	<ul style="list-style-type: none"> • Composes or decomposes whole numbers to create equivalent expressions
Problem Solving with Units		
		<ul style="list-style-type: none"> • Solves multi-step money word problems involving coins and decimals
Properties and Relationships of Operations		
<ul style="list-style-type: none"> • Understands the inverse relationship between addition and subtraction 	<ul style="list-style-type: none"> • Understands the inverse relationship between addition and subtraction 	<ul style="list-style-type: none"> • Understands the inverse relationship between addition and subtraction
Whole Numbers: Addition/Subtraction		
<ul style="list-style-type: none"> • Adds three or more whole numbers with sums within 100 • Adds whole numbers with sums greater than 10,000 • Adds whole numbers with sums within 1,000, no regrouping • Adds whole numbers with sums within 1,000, with regrouping • Adds whole numbers with sums within 100 using models • Adds whole numbers with sums within 100, no regrouping • Adds whole numbers with sums within 100, with regrouping • Identifies a number 10 more than a given number using models • Subtracts multiples of 10 from multiples of 10 within 100 • Subtracts whole numbers within 1,000, no regrouping • Subtracts whole numbers within 100, no regrouping 	<ul style="list-style-type: none"> • Adds three or more whole numbers with sums greater than 100 • Adds whole numbers with sums greater than 10,000 • Adds whole numbers with sums within 1,000, with regrouping • Adds whole numbers with sums within 100 using models • Subtracts whole numbers greater than 1,000 • Subtracts whole numbers within 1,000, with regrouping • Subtracts whole numbers within 1,000, no regrouping • Subtracts whole numbers within 1,000, with regrouping • Subtracts whole numbers within 100 using models • Subtracts whole numbers within 100, no regrouping • Subtracts whole numbers within 100, with regrouping 	<ul style="list-style-type: none"> • Adds three or more whole numbers with sums greater than 100 • Adds whole numbers with sums within 10,000 • Adds whole numbers with sums within 100 using models • Subtracts whole numbers greater than 1,000 • Subtracts whole numbers within 1,000, with regrouping • Subtracts whole numbers within 100, with regrouping
Whole Numbers: Multiplication/Division		
	<ul style="list-style-type: none"> • Multiplies one-digit whole numbers by multiples of 10 • Multiplies one-digit whole numbers by 	<ul style="list-style-type: none"> • Divides whole numbers up to four digits by one-digit divisors, with a remainder • Divides whole numbers up to four digits

	<p>two-digit whole numbers</p> <ul style="list-style-type: none"> Multiplies two-digit whole numbers by two-digit whole numbers 	<p>by one-digit divisors, without a remainder</p> <ul style="list-style-type: none"> Divides whole numbers up to four digits by two-digit divisors, with a remainder Multiplies multi-digit whole numbers Multiplies one-digit whole numbers by multiples of 10 Multiplies one-digit whole numbers by two-digit whole numbers Multiplies one-digit whole numbers by whole numbers with more than two digits Multiplies two-digit whole numbers by two-digit whole numbers
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Whole Numbers: Place Value

<ul style="list-style-type: none"> Subtracts multiples of 10 from multiples of 10 within 100 	
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Sub-goal: Number and Operations - Fractions

171-180 Reinforce these skills & concepts	181-190 Develop these skills & concepts	191-200 Introduce these skills & concepts
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Fractions: Addition/Subtraction

	<ul style="list-style-type: none"> Adds and subtracts whole numbers, fractions, and/or mixed numbers with like denominators, no regrouping 	<ul style="list-style-type: none"> Adds and subtracts fractions with like denominators Adds and subtracts fractions with like denominators using models other than number lines Adds and subtracts whole numbers, fractions, and/or mixed numbers with like denominators, no regrouping
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Fractions: Compare/Order

<ul style="list-style-type: none"> Compares fraction models with unlike numerators and denominators using words Orders fraction models with unlike numerators and/or denominators 	<ul style="list-style-type: none"> Compares fraction models with like numerators or denominators using words Compares fraction models with unlike numerators and denominators using words 	<ul style="list-style-type: none"> Compares fraction models with unlike numerators and denominators using words Compares unit fractions using words
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Fractions: Equivalence

<ul style="list-style-type: none"> Identifies equivalent fraction models Identifies fractions equivalent to whole numbers using area or set models 	<ul style="list-style-type: none"> Identifies equivalent fraction models Identifies fractions equivalent to whole numbers using area or set models 	<ul style="list-style-type: none"> Identifies equivalent fraction models Writes equivalent fractions Writes equivalent fractions for given area or set models
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Fractions: Multiplication/Division

	<ul style="list-style-type: none"> Multiplies fractions by fractions, results not in simplest form Multiplies fractions by whole numbers, results in simplest form
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Fractions: Represent and Solve Word Problems

		<ul style="list-style-type: none"> Solves one-step word problems involving addition and subtraction of fractions with like denominators Solves one-step word problems involving addition and subtraction of fractions with like denominators using models Solves one-step word problems involving addition and subtraction of mixed numbers with like denominators Solves one-step word problems involving multiplication of whole numbers and unit fractions Solves word problems about finding equivalent fractions
Fractions: Represent/Model		
<ul style="list-style-type: none"> Models non-unit fractions using area models Models unit fractions using area models 	<ul style="list-style-type: none"> Models non-unit fractions using area models Models unit fractions using area models 	<ul style="list-style-type: none"> Locates unit fractions on a number line Models non-unit fractions using area models Models unit fractions using area models
Rational Numbers: Equivalence		
		<ul style="list-style-type: none"> Converts between decimals and fractions with denominators of 10 or 100 Converts between decimals and fractions with denominators of 2, 4, or 5

Goal: Measurement and Data

Sub-goal: Geometric Measurement and Problem Solving

171-180 Reinforce these skills & concepts	181-190 Develop these skills & concepts	191-200 Introduce these skills & concepts
Angle Measurement		
<ul style="list-style-type: none"> Measures angles using a protractor 	<ul style="list-style-type: none"> Compares angle measures to benchmark angles Measures angles using a protractor Solves one-step word problems involving angles 	<ul style="list-style-type: none"> Compares angle measures to benchmark angles Identifies/estimates angle measures Measures angles using a protractor
Area		
<ul style="list-style-type: none"> Determines areas of figures composed of whole unit squares 	<ul style="list-style-type: none"> Determines areas of figures composed of whole unit squares 	<ul style="list-style-type: none"> Determines areas of figures composed of whole unit squares Determines areas of rectangles with whole number sides, given the formula Estimates areas of figures using square units
Capacity		
		<ul style="list-style-type: none"> Completes simple conversions of customary units of capacity

Conversion of Units		
<ul style="list-style-type: none"> • Completes simple conversions of units of time 	<ul style="list-style-type: none"> • Completes complex conversions of more than two units of time • Completes simple conversions of customary units of length • Completes simple conversions of units of time 	<ul style="list-style-type: none"> • Completes complex conversions of more than two units of time • Completes simple conversions of customary units of capacity • Completes simple conversions of customary units of length • Completes simple conversions of customary units of weight • Completes simple conversions of units of time
Length		
<ul style="list-style-type: none"> • Compares lengths of objects using nonstandard units • Knows the appropriate customary unit or tool to measure length • Measures length, width, or height to the nearest half inch 	<ul style="list-style-type: none"> • Completes simple conversions of customary units of length • Knows the appropriate customary unit or tool to measure length • Understands that the measurement of an object will change depending upon the units used to measure it 	<ul style="list-style-type: none"> • Completes simple conversions of customary units of length • Knows the appropriate customary unit or tool to measure length • Measures length, width, or height in nonstandard units
Money		
<ul style="list-style-type: none"> • Determines equivalent coin values • Determines the decimal value of a collection of coins and/or bills by counting on • Determines the whole number value of a collection of coins given as pictures 	<ul style="list-style-type: none"> • Determines equivalent coin values • Determines the decimal value of a collection of coins and/or bills by counting on • Determines the whole number value of a collection of coins given as coin names • Determines the whole number value of a collection of coins given as pictures • Solves money word problems involving coins 	<ul style="list-style-type: none"> • Determines the decimal value of a collection of coins and/or bills by counting on • Determines the whole number value of a collection of coins given as coin names • Solves money word problems involving coins • Solves multi-step money word problems involving coins and decimals
Perimeter/Circumference		
<ul style="list-style-type: none"> • Determines perimeters of basic polygons with all sides labeled 	<ul style="list-style-type: none"> • Determines perimeters of basic polygons with all sides labeled 	<ul style="list-style-type: none"> • Determines perimeters of basic polygons in which not all sides are labeled • Determines perimeters of basic polygons with all sides labeled • Solves real-world and mathematical problems involving perimeters of rectangles
Problem Solving with Units		
<ul style="list-style-type: none"> • Solves elapsed-time word problems across either minutes or hours • Solves one-step length word problems involving addition or subtraction • Solves one-step money word problems involving whole number addition or subtraction 	<ul style="list-style-type: none"> • Solves elapsed-time word problems across either minutes or hours • Solves money word problems involving coins • Solves multi-step money word problems involving whole numbers • Solves one-step capacity word problems involving whole number multiplication or division • Solves one-step length word problems involving addition or subtraction • Solves one-step money word problems involving whole number addition or 	<ul style="list-style-type: none"> • Solves elapsed-time word problems across both minutes and hours • Solves elapsed-time word problems across either minutes or hours • Solves money word problems involving coins • Solves multi-step money word problems involving coins and decimals • Solves multi-step money word problems involving whole numbers • Solves one-step capacity word problems involving whole number multiplication or division

	subtraction • Solves one-step money word problems involving whole number multiplication or division	• Solves one-step length word problems involving addition or subtraction • Solves one-step money word problems involving whole number addition or subtraction • Solves one-step money word problems involving whole number multiplication or division • Solves one-step weight/mass word problems involving whole number multiplication and division • Solves real-world and mathematical problems involving perimeters of rectangles
Time		
• Completes simple conversions of units of time • Reads analog clocks to the nearest five minutes • Reads analog clocks to the nearest half hour • Reads analog clocks to the nearest minute • Solves elapsed-time word problems across either minutes or hours • Understands time interval concepts: quarter to, half past, etc.	• Completes complex conversions of more than two units of time • Completes simple conversions of units of time • Determines elapsed time across either minutes or hours using clocks • Reads analog clocks to the nearest five minutes • Reads analog clocks to the nearest half hour • Reads analog clocks to the nearest minute • Solves elapsed-time word problems across either minutes or hours • Understands A.M. and P.M. • Understands time interval concepts: quarter to, half past, etc.	• Completes complex conversions of more than two units of time • Completes simple conversions of units of time • Determines elapsed time across both minutes and hours using clocks • Determines elapsed time across either minutes or hours using clocks • Reads analog clocks to the nearest five minutes • Reads analog clocks to the nearest minute • Solves elapsed-time word problems across both minutes and hours • Solves elapsed-time word problems across either minutes or hours • Understands time interval concepts: quarter to, half past, etc.
Weight/Mass		
		• Completes simple conversions of customary units of weight

Sub-goal: Represent and Interpret Data

171-180 Reinforce these skills & concepts	181-190 Develop these skills & concepts	191-200 Introduce these skills & concepts
Data Analysis		
<ul style="list-style-type: none"> • Adds and subtracts to answer questions about bar graphs with single-unit scales • Adds and subtracts to answer questions about pictographs with single-unit scales • Compares categories in bar graphs with multi-unit scales • Compares categories in bar graphs with single-unit scales • Compares categories in pictographs with multi-unit scales • Compares categories in pictographs with single-unit scales • Reads bar graphs with multi-unit scales 	<ul style="list-style-type: none"> • Adds and subtracts to answer questions about bar graphs with multi-unit scales • Adds and subtracts to answer questions about bar graphs with single-unit scales • Adds and subtracts to answer questions about pictographs with single-unit scales • Compares categories in bar graphs with multi-unit scales • Compares categories in bar graphs with single-unit scales • Compares categories in pictographs with single-unit scales • Counts sets of objects by category 	<ul style="list-style-type: none"> • Adds and subtracts to answer questions about bar graphs with multi-unit scales • Adds and subtracts to answer questions about bar graphs with single-unit scales • Adds and subtracts to answer questions about pictographs with multi-unit scales • Adds and subtracts to answer questions about pictographs with single-unit scales • Answers multi-step questions about bar graphs with single-unit scales • Compares categories in bar graphs with multi-unit scales • Compares categories in bar graphs with

<ul style="list-style-type: none"> • Reads bar graphs with multi-unit scales to determine how many in a category • Reads bar graphs with single-unit scales to determine how many in a category • Reads data in tables or charts 	<ul style="list-style-type: none"> • Counts sets of objects by category • Reads bar graphs with multi-unit scales to determine how many in a category • Reads bar graphs with single-unit scales to determine how many in a category • Reads data in tables or charts • Reads pictographs with multi-unit scales to determine how many in a category 	<ul style="list-style-type: none"> • Compares categories in bar graphs with single-unit scales • Compares categories in pictographs with single-unit scales • Reads bar graphs with multi-unit scales to determine how many in a category • Reads pictographs with multi-unit scales to determine how many in a category
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Data Representation

<ul style="list-style-type: none"> • Represents data in bar graphs with multi-unit scales • Represents data in bar graphs with single-unit scales • Represents data in picture graphs with single-unit scales 	<ul style="list-style-type: none"> • Represents data in bar graphs with multi-unit scales • Represents data in bar graphs with single-unit scales • Represents data in pictographs with single-unit scales • Represents data in picture graphs with single-unit scales • Represents data in tables or charts 	<ul style="list-style-type: none"> • Represents data in bar graphs with multi-unit scales • Represents data in bar graphs with single-unit scales • Represents data in line or dot plots with whole number scales • Represents data in pictographs with multi-unit scales • Represents data in pictographs with single-unit scales • Represents data in picture graphs with multi-unit scales • Represents data in tables or charts
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Goal: Geometry

Sub-goal: Reason with Shapes, Attributes, & Coordinate Plane

171-180 Reinforce these skills & concepts	181-190 Develop these skills & concepts	191-200 Introduce these skills & concepts
Angle Measurement		
	<ul style="list-style-type: none"> • Compares angle measures to benchmark angles 	<ul style="list-style-type: none"> • Compares angle measures to benchmark angles
Coordinate Geometry		
<ul style="list-style-type: none"> • Plots the coordinates of points in the first quadrant of a coordinate plane 	<ul style="list-style-type: none"> • Interprets points with whole number coordinates in the first quadrant within the given context • Plots the coordinates of points in the first quadrant of a coordinate plane 	<ul style="list-style-type: none"> • Determines the coordinates of points in the first quadrant of a coordinate plane • Interprets points with whole number coordinates in the first quadrant within the given context • Plots the coordinates of points in the first quadrant of a coordinate plane
Fractions: Represent/Model		
<ul style="list-style-type: none"> • Identifies shapes that are divided into equal parts • Identifies shapes that are divided into fourths • Identifies shapes that are divided into halves 	<ul style="list-style-type: none"> • Identifies shapes that are divided into equal parts • Identifies shapes that are divided into fourths 	<ul style="list-style-type: none"> • Identifies shapes that are divided into fourths • Identifies shapes that are divided into quarters
Identification and Classification of 2-D Shapes		
<ul style="list-style-type: none"> • Classifies 2-D shapes by properties • Composes or decomposes 2-D shapes 	<ul style="list-style-type: none"> • Classifies 2-D shapes by properties • Classifies shapes as flat/2-D 	<ul style="list-style-type: none"> • Classifies 2-D shapes by properties • Composes or decomposes 2-D shapes

<p>to form new shapes</p> <ul style="list-style-type: none"> Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc. Identifies and names triangles, squares, rectangles, and circles Identifies the number of sides or corners of 2-D shapes Knows definitions of a triangle, a square, a rectangle, and a circle 	<ul style="list-style-type: none"> Composes or decomposes 2-D shapes to form new shapes Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc. Identifies the number of sides or corners of 2-D shapes Knows definitions of a triangle, a square, a rectangle, and a circle 	<p>to form new shapes</p> <ul style="list-style-type: none"> Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc.
Identification and Classification of 3-D Shapes		
<ul style="list-style-type: none"> Identifies and names cubes, cones, cylinders, and spheres Identifies and names the 3-D shape of real-world objects Identifies the number of faces, edges, or vertices for a 3-D object 	<ul style="list-style-type: none"> Identifies and names cubes, cones, cylinders, and spheres Identifies and names the 3-D shape of real-world objects Identifies the number of faces, edges, or vertices for a 3-D object 	<ul style="list-style-type: none"> Identifies and names cubes, cones, cylinders, and spheres Identifies and names the 3-D shape of real-world objects Identifies the number of faces, edges, or vertices for a 3-D object
Points, Lines, Segments, Rays, and Angles		
	<ul style="list-style-type: none"> Identifies acute, obtuse, or right angles Identifies parallel lines involving real-world objects 	<ul style="list-style-type: none"> Identifies acute, obtuse, or right angles Identifies parallel lines Identifies parallel lines involving real-world objects Identifies points, lines, rays, line segments, and angles
Spatial Concepts and Symmetry		
<ul style="list-style-type: none"> Composes or decomposes 2-D shapes to form new shapes Identifies 2-D figures which have line symmetry Recognizes lines of symmetry in 2-D figures Understands location words 	<ul style="list-style-type: none"> Composes or decomposes 2-D shapes to form new shapes Determines the number of lines of symmetry in 2-D figures Identifies 2-D figures which have line symmetry Recognizes lines of symmetry in 2-D figures 	<ul style="list-style-type: none"> Composes or decomposes 2-D shapes to form new shapes Determines the number of lines of symmetry in 2-D figures Identifies 2-D figures which have line symmetry Recognizes lines of symmetry in 2-D figures

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