Understand the place value system (Standards 5.NBT.1–4)

Standard 5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.

Concepts and Skills to Master

- Know the names and positions of each place value
- Understand the value of each digit in the base 10 system
- Understand that the value of a digit within a number increases or decreases when multiplied or divided by ten in the base ten system
- Accurately multiply multi-digit numbers by powers of 10
- Accurately divide multi-digit numbers by powers of 10
- Model whole numbers and parts of whole numbers with drawings, base ten blocks, and other concrete models

Teacher Note: This is students' first exposure to decimal operations and extends into 5.NBT,2. "Students extend their understanding of the base-ten system to the relationship between adjacent places, how numbers compare, and how numbers round for decimals to thousandths. This standard calls for students to reason about the magnitude of numbers. Students should work with the idea that the tens place is ten times as much as the ones place, and the ones place is 1/10th the size of the tens place." (http://www.ncpublicschools.org/docs/curriculum/mathematics/scos/5.pdf)

Related Standards: Current Grade Level	Related Standards: Future Grade Levels
5.NBT.2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and	6.EE.1 Write and evaluate numerical
explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10.	expressions involving whole-number
Use whole-number exponents to denote powers of 10.	exponents
5.NBT.3 Read, write, and compare decimals to thousandths.	6.NS.2 Fluently divide multi-digit
5.NBT.4 Use place value understanding to round decimals to any place.	numbers using the standard algorithm
5.NBT.5 Fluently multiply multi-digit whole numbers using the standard algorithm.	for each operation
5.NBT.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two digit divisors	6.NS.3 Fluently add, subtract, multiply,
5.NBT.7 Add, subtract, multiply, and divide decimals to the hundredths	and divide multi-digit decimals using the
5.MD.1 Convert among different-sized standard measurement units within a given (metric) measurement system	standard algorithm for each operation
Critical Dealersound Knowladge from Dreviews Crede Levels	

Critical Background Knowledge from Previous Grade Levels

• Recognize that in a multi-digit number, a digit in one place represents 10 times what it represents in the place value to its right (4.NBT.1)

• Multiply one-digit whole numbers by multiples of ten (3.NBT.3)

Academic Vocabulary

base ten system, decimal, names of the place values, tenth, hundredth, thousandth



Understand the place value system (Standards 5.NBT.1–4)				
Standard 5.NBT.2 Explain patterns in the number of zeros of the product when multiplying a number b	by powers of	f 10, and ex	plain patterns	in the placement
of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number expo	onents to de	note powe	rs of 10.	
Concepts and Skills to Master				
• Understand why multiplying by a power of 10 shifts the digits of a whole number or decimal that	many places	to the left		
Understand why dividing by a power of 10 shifts the digits of a whole number or decimal that mai	ny places to	the right		
• Understand that when multiplying by powers of 10, the exponent indicates how many places the times for eveny place the digits shift	digits of the	number wi	ll shift increasi	ng the value 10
 Understand that when dividing by a nower of 10 the exponent indicates how many places the dig 	its of the nu	ımher will s	hift decreasin	g the value of
the number by 1/10 for every place the digits shift				
• Understand that an exponent indicates the number of times a base is multiplied by itself				
Related Standards: Current Grade Level	Related St	andards: Fu	iture Grade Lev	vels
5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it	6.EE.1 Wri	te and eval	uate numerica	l expressions
represents in the place to its right and 1/10 of what it represents in the place to the left	involving v	vhole-num	per exponents	
5.NBT.5 Fluently multiply multi-digit numbers using the standard algorithm				
S.NB1.7 Add, subtract, multiply, and divide decimals to nundredths				
Critical Background Knowledge from Previous Grade Levels	s in the plac		to right (1 NDT	1)
 Recognize that in a multi-digit number, a digit in one place represents 10 times what it represent Multiply one-digit whole numbers by multiples of ten (2 NRT 2) 	s in the plac	e value to r	ts right (4.NB)	.1)
Academic Vocabulary				
base ten exponential notation (A) product power of ten exponent base				
Suggested Models				
Display pat	terns in a nu	umber mult	iplied by powe	ers of ten.
Multiply Numbers by Powers of Ten Compare t	ne number o	of zeros in t	he products in	relation to the
Standard Exponential Examples Tens Ones Tenths Hundredths power of ten	en factors.			
Form Form Porm O A O A O Form Form Form Form Form Form Form Form			es of 10, 100, 1000	
$10 10^1 45 \times 10^1 = 45$, 1000	
• Reason about the relative size of a product or quotient based on the neuron of ten being used to compute			lotient based on	
100 10^2 $.45 \times 10^2 = 45$ 2^2 4^2 3^2 the power of ten being used to compute.				ivision by a nower
1,000 10^3 $.45 \times 10^3 = 450$				
Hundreds Tens Ones Tenths Hundredths Tens Ones Tenths Hundredths	Divide I	Numbers by Po	wers of Ten	
	Standard	Exponential	Examples	
	Form	Form		
	10	10 ¹	$45 \div 10^1 = 4.5$	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	100	10 ²	$45 \div 10^2 = .45$	
	1,000	10 ³	$45 \div 10^3 = .045$	
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Understand the place value system (Standards 5.NBT.1–4)

Standard 5.NBT.3 Read, write, and compare decimals to thousandths.

a. Read and write decimals to thousandths using base-ten numerals, number names, and expanded form. For example, $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.

b. Compare two decimals to thousandths based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.

Concepts and Skills to Master

- Express a given number in multiple ways:
 - base-ten numerals (347.392)
 - o number names (three hundred forty-seven and three hundred ninety-two thousandths)
 - o expanded form $3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$
- Understand that when comparing two numbers, one first looks at the whole number, then the individual digits
- Understand that a number (greater than 0) in the tenths place always has a greater value than the number in the hundredths place
- Generalize that the number with the most tenths is greater
- Understand that if the number of tenths is the same, the number with more hundredths is greater. If the number of tenths and hundredths is the same, the number with more thousandths is greater
- Use terms including greater than, more than, less than, fewer than, equal to, and same as, to describe comparisons
- Use the symbols >, =, and < to correctly to compare decimals to thousandths

Teacher Note: Students compare numbers and record the comparisons with the symbols >, =, and <. Emphasis should be placed on the meaning of quantities rather than tricks such as "the alligator eats the bigger number," etc. The inequality symbols (<, >) are shortcuts for identifying the relationship between two numbers where one is greater or smaller than the other. The statements are read from left to right (e.g., 1.5 < 2.8 is read one and five tenths is less than two and eight tenths) A number line can be used to develop the understanding of the inequality symbols. In fifth grade students are not expected to use the term "inequality" when comparing numbers.

Related Standards: Current Grade Level	Related Standards: Future Grade Levels
 5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left 5.NBT.4 Use place value understanding to round decimals to any place 	6.NS.7 Understand ordering and absolute value of rational numbers. Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram. 6.EE.8 Write an inequality of the form $x > c$ or $x < c$

Critical Background Knowledge from Previous Grade Levels

- Compare two decimals to hundredths by reasoning about their size. Record the results of comparisons with the symbols >, <, or = and justify the conclusions (4.NF.7)
- Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons (4.NBT.2)
- Compare two fractions with the same numerator or the same denominator. Record the results of comparisons with the symbols >, =, or < (3.NF.3) Academic Vocabulary

base-ten numeral (also known as standard form), number names (also known as word form), expanded form, compare, more, fewer, greater than (>), less than (<), equal to (=), same as



Understand the place value system (Standards 5.NBT.1–4) **Standard 5.NBT.4** Use place value understanding to round decimals to any place. Concepts and Skills to Master Use place value understanding to round numbers with decimals to the nearest whole number, tenth, and hundredth • Understand that rounding can be applied to any place within a number including decimals • Understand when rounding to the nearest whole number, tenths, or hundredths place, the goal is to approximate the closest number with zero units in the places to the right of the digit to be rounded to (For example, 478.235 rounded to the nearest tenth is 478.2; and 478.235 rounded to the nearest hundredth is 478.24) • Connect rounding numbers to the location of the number on a number line by identifying the benchmark numbers and using the midpoint to determine which benchmark number is closer (For example, when rounding 478.235 to the nearest tenth, the benchmark numbers are 478.2 and 478.3. The midpoint is 478.25. The number 478.235 is to the left of the midpoint and closer to 478.2 than 478.3. The number 478.235 is therefore rounded to 478.2.) Related Standards: Current Grade Level **Related Standards: Future Grade Levels 5.NBT.1** Recognize that in a multi-digit number, a digit in one place represents 10 times as much Fifth grade is the last grade level in which rounding is specifically addressed. Rounding may be used to support as it represents in the place to its right and 1/10 of what it represents in the place to its left. 5.NBT.3 Read, write, and compare decimals to thousandths. problem solving in various standards in future grade levels. Critical Background Knowledge from Previous Grade Levels • Use place value understanding to round multi-digit whole numbers to any place up to 1,000,000 (4.NBT.3) • Use place value understanding to round two-digit and three-digit numbers to the nearest 10 and 100 (3.NBT.1) **Suggested Models** Academic Vocabulary round a decimal, benchmark number, midpoint, digits, estimate, close to, Example: Round 8.23 to the nearest tenth. nearest place, ones place, tenths place, hundredths place Step One: Suggested Strategies • Create and use horizontal and vertical open number lines to identify, locate, and label benchmark numbers, midpoints, and target numbers to 8.2 8.3 assist in rounding • Use base-ten blocks, decimal bars, and drawings to model the concept of Step Two: rounding with decimals • Use a place value chart and/or place value disks as a tool for support 8.2 8.3 when rounding • Use pennies, dimes, and dollars to model rounding Step Three: 8.2 8.3 8.23 8 25 Step Four: 8.2 8.3 8.23 8.25

Perform operations with multi-digit whole numbers and with decimals to hundredths (Standards 5.NBT.5–7).

Standard 5.NBT.5 Fluently multiply multi-digit whole numbers using the standard algorithm.

Concepts and Skills to Master

- Extend understanding of multiplication with specified multi-digit numbers to multiply with any multi-digit whole numbers
- Fluently compute products of whole numbers using a variety of strategies including the standard algorithm
- Use properties of operation and place value to explain a standard algorithm
- Understand and explain connections between various multiplication strategies and a standard algorithm

Teacher Note: A standard algorithm of multiplication is neither an expectation nor a focus in fourth grade. Students use multiple strategies for multiplication in grades 3-5. By the end of fourth grade students use a range of algorithms based on place value, properties of operations, and/or the relationships between addition and multiplication to multiply multi-digit whole numbers. Students are expected to fluently multiply multi-digit whole numbers using a standard algorithm by the end of fifth grade. Fifth grade students should not only focus on the standard algorithm, but should progress from strategies used in fourth grade to a standard algorithm.

Related Standards: Current Grade Level	Related Standards: Future Grade Levels
 5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. 5.NBT.2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10 5.NBT.7 Multiply decimals to hundredths, using concrete models or drawings and strategies based on place value 5.NF.4 Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction (using area models and partial products) 5.MD.5 Relate volume to the operations of multiplication 	6.NS.3 Fluently multiply multi-digit decimals using the standard algorithm 7.NS.3 Solve real-world and mathematical problems involving the four operations with rational numbers

Critical Background Knowledge from Previous Grade Levels

• Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models (4.NBT.5)

- Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities (3.OA.3)
- Apply properties of operations as strategies to multiply and divide (3.OA.5)
- Multiply one-digit whole numbers by multiples of 10 in the range 10–90, for example, 9 × 80 and 5 × 60 (3.NBT.3)

Academic Vocabulary

multiply, factor, product, factor pairs, multiples, distributive property, area model, partial products, algorithm

Suggested Models Suggested Strategies Methods that compute partial products first Teacher Note: This standard refers to fluency which means accuracy (correct answer), efficiency (a reasonable amount of steps), and flexibility (using strategies such as the distributive property or breaking numbers apart also using strategies according to the numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the understanding. 2700 384 94 94 384 9 21 7200 384 9 384 9 9 4 94 94 9 4 94 94 9 4 94 94 9 384 9 94 9 100 100 100 100 </th <th></th> <th>Core Guide</th> <th>Grade</th>		Core Guide	Grade
Teacher Note: This standard refers to fluency which means accuracy (correct answer), efficiency (a reasonable amount of steps), and flexibility (using strategies such as the distributive property or breaking numbers apart also using strategies according to the numbers in the problem. This standard builds upon students' work with multiplying numbers in their problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in the problem. This standard builds upon students' work with multiplying numbers in their and fourth grade. In fourth grade, students developed understanding of multiplication through using various strategies. While the standard algorithm is mentioned, alternative strategies are also appropriate to help students develop conceptual understanding.These proceed from right to left, but could go left to right. On the right, digits that represent newly composed tens and hundreds are written below the line instead of above 94. The digits 2 rand $30 \times 90 = 2700$ is placed correctly in the thousands place. If the ense place dore the scond row of the method on the right is there because the whole row of digits is produced by multiplying by 30 (not 3). Colors on the left correspond with the area model above.Fartial products the same product	Suggested Models	Suggested Strategies	
*Also see models on the Core Guide for Standard 4.NB1.5	Methods that compute partial products firstShowing the partial productsRecording the carries below for correct place value placement9494 $\times 36$ 94 $\times 30$ 94 $\times 90$ 94 $\times 90$ 92700 is placed correctly in the thousands place. If these digits had been placed above 94, they would be in incorrect places. Note that the 0 (surrounded by a yellow box) in the ones place of the second row of the method on the right is there because the whole row of digits is produced by multiplying by 30 (not 3). Colors on the left correspond with the area model above.*Also see models on the Core Guide for Standard 4.NBT.5	Teacher Note: This standard refers to fluency which means accuracy efficiency (a reasonable amount of steps), and flexibility (using strat distributive property or breaking numbers apart also using strategies the numbers in the problem. This standard builds upon students' we numbers in third and fourth grade. In fourth grade, students develo of multiplication through using various strategies. While the standard mentioned, alternative strategies are also appropriate to help stude conceptual understanding. • Area models • Partial products • Standard algorithm • Compare different models to show how place value is u the same product	 y (correct answer), :egies such as the :s according to ork with multiplying :ped understanding rd algorithm is :ents develop

Perform operations with multi-digit whole numbers and with decimals to hundredths (Standards 5.NBT.5–7).

Standard 5.NBT.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two- digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

Concepts and Skills to Master

- Extend understanding of division with one-digit divisors to divide numbers by two-digit divisors
- Understand how to compute quotients of two-digit divisors and two, three, and four-digit dividends
- Understand how to compute quotients in a variety of situations, including with zeros in various places
- Interpret whole-number quotients of whole numbers with and without remainders from partitive and quotative contexts (Partitive: interpret 560 ÷ 80 as the number of objects in each share when 560 objects are partitioned equally into 80 shares; Quotative: interpret 560 ÷ 80 as a number of shares when 560 objects are partitioned into equal shares of 80 objects each)
- Connect physical representations (objects) to visual representations (drawings)
- Connect physical and visual representations to equations
- Use a variety of strategies to find quotients between the following numbers with and without remainders:
 - two-digit divisors and two-digit dividends
 - $\circ\;$ two-digit divisors and three-digit dividends
 - $\circ\;$ two-digit divisors and four-digit dividends

Teacher Note: The standard algorithm of division is neither an expectation nor a focus in fifth grade. Students use multiple strategies for division in grades 3-5. In fourth and fifth grade students use a range of algorithms based on place value, properties of operations, and/or the relationships between subtraction and division to divide multi-digit whole numbers. Students are expected to fluently divide multi-digit whole numbers using the standard algorithm by the end of sixth grade.

Related Standards: Current Grade Level	Related Standards: Future Grade Levels	
 5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. 5.NBT.2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10 5.NBT.5 Fluently multiply multi-digit whole numbers using the standard algorithm. 5.NBT.7 Multiply decimals to hundredths, using concrete models or drawings and strategies based on place value 	 6.NS.2 Fluently divide multi-digit numbers using the standard algorithm 6.NS.3 Fluently divide multi-digit decimals using the standard algorithm 7.NS.3 Solve real-world and mathematical problems involving the four operations with rational numbers 	
Critical Background Knowledge from Previous Grade Levels		
 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models (4.NBT.6) Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities (3.OA.3) 		

• Apply properties of operations as strategies to multiply and divide (3.OA.5)

Academic Vocabulary

dividend, divisor, quotient, partial quotients, remainder, place value

Suggested Models		Suggested Strategies
There are 1,716 students participating i many teams get created? If you have le Student 1 1,716 divided by 16 There are 100 16's in 1,716. 1,716 - 1,600 = 116 I know there are at least 6 16's. 116 - 96 = 20	n Field Day. They are put into teams of 16 for the competition. How ft over students, what do you do with them? Student 2 1,716 divided by 16. There are 100 16's in 1,716. Ten groups of 16 is 160. That's too big. Half of that is 80, which is 5 groups. I know that 2 groups of 16's is 32.	 Use the relationship between multiplication and division Use repeated subtraction and sharing as division strategies Use manipulatives such as base-ten blocks or place-value discs and drawings such as equal groups, arrays, and area models to represent division Use partial quotients and place value
I can take out at least 1 more 16. 20 - 16 = 4 There were 107 teams with 4 students left over. If we put the extra students on different team, 4 teams will have 17 students.	I have 4 students left over. $ \frac{-80}{5} = \frac{5}{36} = \frac{-32}{2} = \frac{2}{4} $	 Ose partial quotients and place value sections to model and visualize division Explain connections between physical models, visual models, and equations
Student 3 $1,716 \div 16 =$ I want to get to 1,716 I know that 100 16's equals 1,600 I know that 5 16's equals 80 1,600 + 80 = 1,680 Two more groups of 16's equals 32, which	Student 4 How many 16's are in 1,716? We have an area of 1,716. I know that one side of my array is 16 units long. I used 16 as the height. I am trying to answer the question what is the width of my rectangle if the area is 1,716 and the height is 16. 100 + 7 = 107 R 4	
gets us to $1,712$ I am 4 away from $1,716$ So we had $100 + 6 + 1 = 107$ teams Those other 4 students can just hang out	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	

Perform operations with multi-digit whole numbers and with decimals to hundredths (Standards 5.NBT.5–7).

Standard 5.NBT.7 Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. In this standard, dividing decimals is limited to a whole number dividend with a decimal divisor or a decimal dividend with a whole number divisor. Compare the value of the quotient on the basis of the values of the dividend and divisor.

Concepts and Skills to Master

- Use previous understandings for adding and subtracting whole numbers to adding and subtracting decimals to hundredths
- Understand that a whole number can be written with a decimal point followed by one or more zeros
- Understand that when adding or subtracting decimals, units must be aligned with the corresponding places correctly (hundredths are aligned with hundredths; tenths are aligned with tenths; ones are aligned with ones, etc.)
- Use previous understandings for multiplying whole numbers to multiplying decimals to hundredths
- Explain why when multiplying by 0.1 or by 0.01 the product is 10 or 100 times as small as the multiplicand (the digits shift one or two places to the right of the decimal point)
- Use a variety of methods to reason about the placement of a decimal point in the product of two decimals
- Use previous understandings for dividing whole numbers to dividing decimals to hundredths
- Explain why when dividing by 0.1 or by 0.01 the quotient becomes 10 times or 100 times as large as the dividend (the digits shift one or two places to the left of the decimal point)
- Understand that when the decimal point in the divisor is shifted to make a whole number, the decimal point in the dividend should shift the same number of places
- Apply a variety of strategies based on place value to add, subtract, multiply, and divide decimals

Teacher Note: Students are not required to multiply hundredths by hundredths. Expectations for division of decimals is limited to a whole number dividend with a decimal divisor or a decimal dividend with a whole number divisor. Fifth grade students are not required to compute decimal dividends by decimal divisors.

Related Standards: Current Grade Level	Related Standards: Future Grade Levels	
5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents	6.NS.3 Fluently add, subtract, multiply,	
in the place to its right and 1/10 of what it represents in the place to its left.	and divide multi-digit decimals using the	
5.NBT.2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and	standard algorithm for each operation.	
explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10.	7.NS.3 Solve real-world and	
5.NBT.5 Fluently multiply multi-digit whole numbers using the standard algorithm.	mathematical problems involving the	
5.NBT.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors.	four operations with rational numbers.	
5.MD.1 Convert among different-sized standard measurement units within a given measurement system.		
5.NF.4, 5.NF.6 Multiply a fraction by a fraction		
5.NF.3, 5.NF.7 Divide with fractions		
Critical Background Knowledge from Previous Grade Levels		
 Fluently multiply and divide within 100 (3.OA.7) 		
 Fluently add and subtract multi-digit whole numbers using the standard algorithm (4.NBT.4) 		
 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers (4.NBT.5) 		
• Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors (4.NBT.6)		

divisor, dividend, whole number, decimal, properties of operations, operation notations

Suggested Strategies

- Use the relationship between addition and subtraction
- Use the relationship between multiplication and division
- Apply whole number strategies to decimal computation (area model, number line, base-ten blocks)

Suggested Models





