

1st Grade Math

Standard	Exceeds (4)	Secure (3)	Developing (2)	Beginning (1)
<p>Partition Shapes into halves and fourths</p>	<p>Partition shapes into more than 2 or 4 equal shares and describe the shares using appropriate vocabulary. (thirds, 1/3, 2/4, etc)</p>	<p>Partition circles and rectangles into 2 and 4 equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.</p>	<p>Partition circles and rectangles into halves and fourths.</p>	<p>Partition circles or rectangles into halves OR fourths.</p>
<p>Reason with shapes and their attributes</p>	<p>Recognizes and draws shapes having specified attributes. Can compose 2D or 3D shapes to make real-life objects.</p>	<p>Distinguishes between defining attributes versus non-defining attributes; builds and draws shapes to possess defining attributes. Compose 2D shapes or 3D shapes to create a composite shape, and compose new shapes from the composite shape.</p>	<p>Distinguish between defining attributes versus non-defining attributes. Compose 2D or 3D shapes into a composite.</p>	<p>Classifies and sorts objects by two or more attributes. Compose a composite shape from 2D shapes.</p>
<p>Represent and solve problems involving addition and subtraction</p>	<p>Adds and subtracts beyond 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all</p>	<p>Adds and subtracts within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions And addition of 3 whole numbers whose with</p>	<p>Uses additions and subtraction within 10 to solve word problems involving situations of adding to, taking from, putting together, taking apart, comparing, AND addition of three whole</p>	<p>Uses addition and subtraction within 10 to solve word problems involving situations of adding to and putting together.</p>

	positions AND addition of 3 whole numbers with unknown in all positions.	unknown in all positions.	numbers with unknown in all positions	
Understand and apply properties of operation and the relationship between addition and subtraction	Chooses the best strategy to add and subtract and explain why.	Can apply all properties of addition and subtraction to solve problems. Can show a subtraction problem as an unknown addend problem.	Can apply the identity property to addition and subtraction problems. Can apply the commutative property to addition problems	Solves addition and subtraction problems by using models
Add and subtract within 20	Adds and subtracts fluently beyond 10. Uses counting on and back for problems beyond 20	Adds and subtracts within 20 AND demonstrate fluency for addition and subtraction within 10. Uses counting on and back appropriately.	Adds and subtracts within 20 OR demonstrates fluency for addition and subtraction within 10. Uses counting on and back appropriately.	Adds and subtracts within 10 using manipulatives and counting on
Work with addition and subtraction equations	Determine if equations involving addition and subtraction are true or false. Determine the unknown number (in any position) in an addition equation relating four whole numbers.	Determine if equations involving addition and subtraction are true or false. Determine the unknown number (in any position) in an addition and subtraction equations relating three whole numbers.	Determine if equations involving addition are true or false. Determine the unknown number (in any position) in an addition equation relating three whole numbers.	Determine whether two numbers are equal to each other. Determine the unknown sum in addition equations relating three whole numbers.
Extend the counting sequence	Counts beyond 120. Reads, writes and represents a number of objects with a written	Counts to 120 starting at any number less than 120. Reads, writes, and represents a number of objects with a	Counts to 100 starting at any number less than 100. Reads, writes and represents a number of	Counts to 31, starting at any number less than 31. Reads, writes and

	numeral greater than 120	written numeral	objects with a written numeral.	represents a number of objects with a written numeral.
Understand place value	Understand that the three digits of a three digit number represent amounts of hundreds, tens, and ones. Sequences groups of 2 or more numbers.	Understand that the two digits of a two digit number represent amounts of tens and ones. Compares two digit numbers using $>$, $<$, $=$	Locates tens and ones in a two digit number. Compares two digit numbers using $<$, $>$, $=$ OR appropriate language	Understands that the two digits of two-digit number represent tens and ones.
Use place value understanding and properties of operation to add and subtract	Adds and subtracts 2 two-digit numbers that are not multiples of ten including regrouping for addition.	Adds within 100, including adding two digit number and a one digit number understanding that sometimes it is necessary to compose a ten. Adds and subtracts a two-digit number and a multiple of 10 within 100.	Adds within 100, including adding a two-digit number and a one-digit number OR adding a two-digit number and a multiple of 10.	Can add a multiple of ten to a single-digit number.
Measure lengths indirectly and by iterating length units	Order and compare 4 or more objects by length. Express the length of an object as a whole number of length unit using standard units	Order and compare 3 objects by length. Express the length of an object as a whole number of length units using nonstandard units.	Order and compare 2 objects by length. Express the length of an object with limited accuracy.	Order OR compare 2 objects by length using descriptive language.
Tell and write time	Tells, shows and writes time in increments smaller than half-hour using analog and digital clocks	Tells, shows and writes time in hours and half hours using analog and digital clocks	Tells, show and writes time in hours and half hours using analog OR digital clocks	
Represent and interpret data	Creates, organizes, and represents, and	Organizes, represents and interprets data with up to three	Organize AND represents data with up	Organizes data with up to three

	interprets data with more than three categories.	categories	to three categories	categories
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