

Unit #	Standards / Objectives	<i>Excel Math</i> Lesson Numbers	Activity Numbers Stretch Numbers
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<b>NUMBER AND NUMBER RELATIONS</b>			
1, 2 4, 8	1. Model, read, and write place values for numbers through 999 in word, standard, and expanded form (N-1-E)	9, 11, 16, 22, 23, 24, 31, 32, 34, 39, 42, 46, 49, 51, 54, 56, 59, 64, 67, 68, 71, 72, 73, 74, 76, 82, 88, 91, 92, 94, 95, 106, 107, 109, 116, 118, 122, 123, 129, 138, 139, 145, 148	
3, 6	2. Model the concepts of thirds, fourths, fifths and sixths using regions, sets, and fraction words (e.g., one-third, three-fourths, five-sixths) (N-1-E)	63, 77, 80, 111, 120, *126, 150, 155 Addition / Subtraction - fractions: 150	Activity 2
1,4 8	3. Make reasonable estimates of the number of objects in a collection with fewer than 100 objects (N-2-E)		Activity 2 Estimates in computation: 22, 26, 31, 33, 38, 39, 46, 51, 56, 60, 68, 70, 82, 95, 99, 100, 101, 110, 115, 118, 124, 125, 128, 130, 131, 136, 142, 143, 147, 151, 154, 155
3	4. Count and write the value of amounts of money up to \$1.00 using ¢ and \$ (N-2-E) (N-6-E) (M-1-E) (M-5-E)	43, 66, 79, 83, 86, 109, 119, 138, 140, 149	108, 117, 123, 126, 132, 140, 146
1, 2 4, 8	5. Read, write, compare, and order whole numbers through 999 using words, number lines, and models (N-3-E) (N-1-E)	2, 3, 6, 11, 12, 14, 18, 24, 28, 33, 38, 41, 48, 61, 81, 92, 97, 99, 112, 124, 142 Ordinals: 7, 14, 61, 76	25, 32, 90, 91, 113, 115, 128, 136, 149, 150, 153
1	6. From a given number, count forward and backward and count to 100 by 2s (N-3-E) (N-1-E) (N-4-E)	1, 2, 6, 9, 11, 12, 26, 37, 47, 48, 67, 70, 73, 76, 87, 93, 105	

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2	7. Know all basic facts for addition and subtraction and use them to solve real-life problems (N-5-E) (N-6-E) (N-7-E) (N-8-E) (N-9-E)	Non real-life: 1, 2, 3, 4, 7, 8, 9, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 23, 24, 26, 31, 32, 34, 41, 42, 43, 44, 46, 48, 49, 51, 53, 56, 59, 61, 62, 64, 67, 68, 69, 70, 76, 77, 79, 81, 82, 83, 84, 87, 90, 92, 98, 99, 101, 102, 103, 106, 107, 108, 109, 111, 112, 114, 116, 119, 126, 131, 133, 137, 140, 142, 146, 148, 151, 152  Real-Life: 27, 28, 36, 52, 57, 58, 66, 104, 125, 138  Multiplication: 108, 121, 124, 125, 131, 132, 133, 134, 137, 139, 140, 141, 142, 144, 146, 147, 148, 149, 151, 152, 154  Division: 113, 114, 115, 127, 128, 136, 137, 147, 152, 153, 154	22, 26, 30, 31, 33, 37, 38, 39, 40, 41, 42, 43, 45, 46, 47, 51, 52, 55, 56, 58, 60, 63, 67, 68, 69, 72, 76, 79, 83, 86, 93, 97, 99, 100, 104, 108, 110, 117, 118, 121, 123, 124, 126, 131, 132, 133, 140, 146, 151, 154
2, 4 5, 8	8. Recognize, select, connect, and use operations, operational words and symbols (+, -) for addition (join, part/part/whole) or subtraction (take away, comparison, missing addend, and set/subset) situations (N-6-E) (N-5-E)	1, 6, 11, 27, 57, 66, 79, 104, 105, 109, 111, 113, 114, 115, 117, 125, 127, 128, 136, 141, 153, 154	30, 33, 47, 55, 58, 63, 67, 69, 71, 72, 76, 79, 83, 86, 93, 97, 99, 104, 108, 110, 117, 118, 121, 123, 126, 131, 132, 133, 140, 142, 146, 150, 153
2, 4 5	9. Add and subtract 1- and 2-digit numbers (N-6-E) (N-7-E)	1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 31, 32, 34, 36, 38, 39, 41, 42, 43, 44, 46, 48, 49, 51, 52, 53, 54, 56, 57, 58, 59, 61, 62, 64, 66, 67, 68, 69, 71, 72, 73, 76, 77, 79, 81, 82, 84, 86, 88, 90, 92, 94, 97, 101, 102, 103, 104, 106, 107, 109, 111, 112, 114, 116, 118, 122, 129, 131, 133, 137, 138, 139, 140, 142, 145, 146, 147, 148, 151, 152	21, 22, 26, 30, 31, 33, 38, 39, 40, 41, 42, 43, 45, 46, 47, 49, 51, 52, 55, 56, 57, 58, 60, 61, 65, 67, 68, 70, 75, 76, 79, 80, 82, 87, 90, 93, 95, 96, 97, 99, 100, 101, 104, 108, 109, 110, 114, 115, 117, 118, 119, 121, 123, 124, 125, 126, 128, 130, 131, 132, 133, 134, 136, 137, 140, 142, 143, 146, 147, 150, 151, 153
1, 2 4, 8	10. Round numbers to the nearest 10 or 100 and identify situations in which rounding is appropriate (N-7-E) (N-9-E)		Activity *2
8	11. Use the concept of one-to-several correspondence to trade single items for a greater quantity of items with unequal value (1 nickel for 5 pennies, 1 dime for 2 nickels) (N-9-E)	*43, 83, 113, 114, 119, 149	

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**ALGEBRA**

2, 8	12. Use number sentences to represent real-life problems involving addition and subtraction (A-1-E) (A-2-E)	<p>Non Real-Life: 1, 6, 9, 11, 20, 21, 22, 23, 42, 48, 56, 91, 102, 103, *104, 147</p> <p>Real-Life: 27, 28, 36, 38, 52, 57, 58, 66, 81, 95, 117, 125</p> <p>Multiplication: 108, 125, 141, 152, 153, 154</p> <p>Division: 115, 127, 128, 136</p>	21, 30, 33, 37, 41, 45, 49, 52, 55, 57, 58, 61, 63, 65, 67, 69, 70, 71, 72, 75, 76, 79, 80, 83, 86, 87, 90, 93, 96, 99, 100, 101, 104, 108, 109, 110, 114, 115, 117, 118, 119, 121, 123, 125, 126, 128, 130, 131, 132, 133, 134, 136, 140, 146, 150, 153, 155
2, 8	13. Find the missing number in an equation involving addition or subtraction (e.g., # + 4 = 7, 8 - # = 3) (A-2-E) (N-4-E)	1, 6, 9, 11, 38, 52, 58, *102, 103, 117	21, 22, 26, 31, 33, 38, 39, 41, 42, 45, 46, 47, 51, 52, 56, 57, 60, 61, 65, 68, 70, 75, 80, 87, 90, 95, 96, 97, 100, 101, 109, 114, 119, 124, 125, 128, 130, 134, 137, 143, 147, 151, 155

**MEASUREMENT**

7	14. Measure and appropriately label measures of length and perimeter (i.e., inch, centimeter, foot), capacity (i.e., cup, quart, liter), and weight/mass (i.e., pound, kilogram) (M-1-E)	53, 55, 84, 85, 132	Meas. Activity - Dist: 1, 2, 3, 4, 5, 6
7	15. Read a thermometer in degrees Fahrenheit and Celsius and interpret the temperature (M-1-E)	53	
3	16. Tell time to the nearest 5 minutes, and identify the time one hour before or after a given time (M-1-E) (M-3-E)	19, 29, 45, 62, 69, 89, 98, 143 Months / Days: 44, 134, 151	28 Months: / Days: 40, 49, 104, 133
7	17. Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters) (M-2-E)	19, 29, 45, 53, 55, 58, 60, 65, 84, 85, 89	53, 100, 104, 118, 131 Meas. Activity - Vol: 1, 2, 3, 4, 5, 6, 7, 8 Meas. Activity - Wgt : 1, 2, 3, 4, 5, 6, 7 Activity: 7, 9
7	18. Use non-standard units to cover a given region (M-2-E)	Square Units: 90	Meas. Activity - Vol: 1, 2 Meas. Activity -Wgt: 1, 2 Meas. Activity -Dist: 1, 2 Square Units: 85, 94



## Louisiana 2<sup>nd</sup> Grade Standards / *Excel Math* Correlation

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7	19. Estimate length in standard units (inch, foot, and centimeter) (M-3-E)	55, 84, 85	Meas. Activity – Dist: 1, 2, 3, 4, 5, 6
7	20. Compare units within the <b>same</b> system (inch is shorter than a foot, minute is shorter than an hour, day is shorter than a month, cup holds less than a quart) (M-3-E)	53, 55, 60, 65	Activity 9
<b>GEOMETRY</b>			
6	21. Compare and contrast 3-dimensional shapes (i.e., sphere, cube, cylinder, cone, prism, pyramid) according to their attributes (e.g., number of faces, shape of faces) (G-2-E)	110 2-dimensional: 8, 78, 90	Activity 7, 12 Two-Dimensional 24, 34, 36, 62, 66, 74, 77, 85, 92, 94, 103, 105, 112, 127, 129, 138, 139, 144
6	22. Identify a reduction or enlargement of a given shape (G-2-E)	126	23, 36, 62, 66, 74, 92, 103, 112, 127, 138, 144 Activity 7, 12, 13
6	23. Identify congruent 3-dimensional solids in a variety of positions and orientations (G-3-E) (G-4-E) (G-2-E)	110 2-dimensional: 144 Symmetry: 75 Transformations: 135	Activity *12 Symmetry: Activity 11 Transformations 66, 74, 77, 92, 106, 112
6	24. Identify and draw horizontal and vertical line segments (G-5-E)	75, 84	*27, *62

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**ANALYSIS, PROBABILITY, and DISCRETE MATH**

	25. Collect and organize data using observations, surveys, and experiments (D-1-E)	5, 25, 35, 100	55 Measurement Activity – Dist: 1, 2 Activity 1, 4, 5, 6, 10
	26. Construct and read line plots and tables (D-2-E)	50, 105	Activity 1, 5
	27. Interpret pictographs in which each picture represents more than one object (D-2-E)	*15, 35, 50, 100, 105	
	28. Generate questions that can be answered by collecting and analyzing data (D-3-E)	*15. 25. 35. 105	55 Activity: 1, 4, 5, 6, 10
	29. Solve logic problems involving two sets by using elementary set logic (i.e., <i>and</i> , <i>or</i> , and <i>is/is not</i> statements) (D-3-E)	25, 30, 33, 35, 40, 57, 81, 100, 105, 130 Inside / outside: 10	23, 24, 27, 28, 29, 30, 34, 35, 37, 40, 43, 44, 48, 53, 54, 55, 58, 59, 63, 64, 69, 71, 72, 73, 76, 78, 79, 84, 86, 88, 89, 93, 98, 99, 100, 102, 106, 107, 110, 111, 116, 118, 120, 121, 122, 126, 135, 141, 145, 148, 154 Possibilities: 33, 50, 81

**PATTERNS, RELATIONS, and FUNCTIONS**

	30. Recognize, extend, create, and explain patterns of addition and subtraction as represented in charts and tables and in varied forms of skip-counting (P-1-E) (P-2-E)	1, 2, 37, 47, 61, 70, 73, 87, 93, 99, 111, 121, 142	42, 47, 97, 152
	31. Recognize, extend, create, and explain patterns that involve simple rotations or size changes with geometric objects (P-1-E) (P-2-E)	96, 101	21, 96
	32. Recognize and apply patterns in problem-solving in other content areas and real-life situations (P-3-E) (N-9-E)	40	36, 44, 48, 54, 59, 71 Activity 6, 10