

Unit #	Standards / Objectives	Excel Math Lesson Numbers	Exercise Numbers
NUMBER AND NUMBER RELATIONS			
3, 4	1. Count by ones to 20 (N-1-E) (N-3-E)	8, 10, 15, 16, 17, 20, 21, 22, 25, 26, 28, 30, 36, 37, 40, 42, 44, 45, 49, 50, 52, 55, 56, 58, 60, 65, 69, 71, 73, 80, 81, 83, 89, 90, 91, 93, 95, 96, 98, 100, 101, 102, 105, 108, 110, 112, 115, 116, 120, 122, 124, 125, 127, 130, 138, 143, 144, 145, 146, 148	1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 14, 20, 22
1, 2 3, 4 5, 6	2. Count a set of 20 or fewer objects by establishing a 1-to-1 correspondence between number names and objects (N-1-E) (N-3-E) (A-1-E)	8, 10, 15, 16, 20, 25, 28, 30, 32, 33, 36, 37, 40, 42, 44, 45, 49, 50, 52, 55, 56, 58, 60, 65, 80, 89, 95, 98, 100, 105, 108, 110, 115, 120, 122, 124, 143, 144, 145	
2, 3 4	3. Use the ordinal numerals 1 st through 10 th to discuss positions in ordered lists (N-1-E)	27, 59, 74, 75, 153	10
1, 2 3, 4	4. Identify the numerals for the numbers 0 through 20 (N-1-E) (N-3-E)	8, 10, 15, 16, 20, 25, 28, 30, 40, 44, 45, 50, 58, 60, 61, 62, 65, 68, 71, 73, 77, 78, 80, 81, 82, 83, 88, 89, 90, 91, 93, 95, 98, 100, 101, 102, 105, 108, 110, 112, 115, 116, 118, 120, 122, 124, 125, 127, 130, 144, 151	1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 14, 19, 22
3, 4	5. Using a number line or chart, identify the numbers coming before/after a given number and between 2 given numbers (N-1-E) (N-3-E) (A-1-E)	69, *71, 112, 125, 130, 135	10, 14, 20, 22
7	6. Identify pennies, nickels, and dimes and their values using the cent sign (¢) (N-1-E) (N-2-E) (N-6-E) (M-1-E)	67, 77, 102, 107, 117, 132, 137, 154	
3, 4	7. Count forward and backward from a given number between 1 and 10 (N-3-E)	8, 10, 15, 16, 20, 22, 25, 28, 30, 32, 40, 42, 44, 50, 56, 58, 60, 89, 90, 91, 98, 100, 101, 105, 108, 110, 112, 115, 116, 120, 122, 124, 125, 127, 130, 144, 145, 146, 148	1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 14, 20
1, 2 3, 4	8. Compare sets containing 20 or fewer objects using the words <i>same/different</i> and <i>more/less/greater/fewer</i> (N-3-E) (N-1-E)	16, 17, 21, 26, 28, 30, 31, 33, 36, 37, 42, 44, 52, 55, 58, 98, 108, 122, 152	
7	9. Use concrete objects to model simple real-life addition and subtraction problems (N-4-E)	47, 49, 56, 62, 64, 70, 71, 81, 85, 86, 93, 96, 97, 99, 103, 106, 107, 109, 113, 116, 121, 123, 131, 132, 133, 142, 143, 145, 146, 147, 148, 149, 150, 151	
4, 7	10. Use operational vocabulary (<i>add, subtract, join, remove, take away, put together</i>) to explore sets of objects (N-5-E)	47, 49, 56, 62, 64, 70, 71, 81, 85, 86, 93, 96, 97, 99, 103, 106, 107, 109, 113, 116, 121, 123, 131, 132, 133, 142, 143, 145, 146, 147, 148, 149, 150, 151	

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ALGEBRA

1, 3 4, 5	11. Use the words <i>same</i> , <i>different</i> , <i>equal</i> , <i>not equal</i> , <i>greater than</i> , and <i>less than</i> while using concrete objects for comparative models (A-1-E)	5, 14, 17, 22, 23, 31, 32, 33, 42, 51, 66, 68, 118	
7	12. Model and act out story problems, physically or with objects, to solve whole number sentences with sums less than or equal to 6 (A-2-E)	47, 49, 56, 62, 64, 70, 71, 81, 85, 86, 93, 99, 103, 107, 109, 113, 116, 123, 131, 133, 136, 138, 142, , 143, 145, 146, 147, 148, 149, 150, 151 Subtraction 97, 106, 121	

MEASUREMENT

5	13. Use vocabulary such as: <i>yesterday</i> , <i>today</i> , <i>tomorrow</i> , <i>hours</i> , <i>weeks</i> , names of days, names of months; sequence events; and identify calendars and clocks as objects that measure time (M-1-E) (M-2-E) (M-5-E)	2, 53, 57, 73, 78, 82, 83, 87, 88	
3, 4 5	14. Measure and estimate length and capacity using non-standard units (e.g., sticks, paper clips, blocks, beans) (M-2-E) (M-3-E)	19, 24, 39, 84, 114, 119 Weight 34, 94, 126 Volume 54 Temperature 129	13, 21 Temperature 23
1, 2 5	15. Use comparative and superlative vocabulary in measurement settings (e.g., <i>longest</i> , <i>shortest</i> , <i>most</i> , <i>hottest</i> , <i>heaviest</i> , <i>biggest</i>) (M-3-E) (M-1-E) (M-2-E)	11, 19, 24, 34, 39, 54, 57, 84, 114, 126, 129	5, 13, 21, 23, 24

GEOMETRY

1, 2 5, 6	16. Name and identify basic shapes using concrete models (e.g., circles, squares, triangles, rectangles, rhombuses, balls, boxes, cans, cones) (G-2-E) (G-1-E) (G-4-E) (G-5-E)	43, 48, 61, 92, 128, 134, 141	8, 9, 15, 16, 17, 19
1, 2 5, 6	17. Compare, contrast, and sort objects or shapes according to two attributes (e.g., shape and size, shape and color, thickness and color) (G-2-E)	19, 48, 61, 76, 79	15
1, 2 5, 6	18. Use words that indicate direction and position of objects and arrange an object in a specified position and orientation (e.g., <i>between</i> , <i>behind</i> , <i>above</i>) (G-3-E)	1, 3, 4, 6, 7, 9, 29, 74, 128, 139, 141	9, 10, 11, 12, 17
6	19. Investigate the results of combining shapes (using paper shapes, pattern blocks, tangrams, etc.) (G-3-E) (G-1-E)	*141 Symmetry 92	17
1, 6	20. Draw circles, squares, rectangles, and triangles (G-4-E)	43, 48, 141	8



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ANALYSIS, PROBABILITY, and DISCRETE MATH			
2	21. Collect and organize concrete data using tally mark charts (D-1-E)	*34, *140, *154, *155	
2, 3 6	22. Collect and organize data in a simple bar graph using pictures or objects (D-1-E) (D-2-E)	34, 35, 94, 104, 111, 114, 119, 140, 153, 154, 155	18
2	23. Sort, represent, and use information in simple tables and bar/picture graphs (D-2-E) (D-3-E)	34, 35, 94, 104, 111, 114, 119, 140, 153, 154, 155	18
PATTERNS, RELATIONS, and FUNCTIONS			
2	24. Recognize, copy, name, create, and extend repeating patterns (e.g., ABAB, AABB, ABBA) using concrete objects, shapes, pictures, numbers, and sounds (P-1-E)	12, 13, 18, 38, 41, 69, 72, 91, 101, 112, 125, 127, 130, 134, 135 Deduction 46, 63, 79	5