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| **McRuffy Color Math 3** | **Lessons/Assignments**  **(4-5 per week/160 total)** |
| Week 1  Lessons 1-4 | L1-practiced auditory math skills, reviewed addition facts for 0, 1 and 2, reviewed place value, identified the parts of an addition problem  L2-reviewed basic addition facts, reviewed place value to the thousands, wrote multiplication problems to describe groups, learned terms associated with multiplication, completed auditory multiplication exercise  L3-reviewed addition facts, demonstrated the commutative property of addition, created multiplication problems with counters  L4 -reviewed basic addition facts, reviewed place value, compared addition and multiplication problems  L5-added even and odd numbers, reviewed basic subtraction facts.  L6-reviewed basic subtraction facts, addend even and odd numbers, reviewed place value to ten thousand  L7-reviewed basic subtraction facts, added two-digit numbers with regrouping, reviewed place value to 10 thousands.  L8- reviewed basic subtraction facts, added two three-digit numbers, wrote fractions to describe a group.  L9- reviewed basic subtraction facts, added two three-digit numbers, wrote fractions to describe party of groups.  L 10-reviewed basic subtraction facts, skip count by 2's, 5's, 10's, 100's, made geoboard design, began memory card exercise.  L11- skip count by 2's and 5's, added two three-digit numbers (with regrouping) used number families, measured using centimeters squared.  L12-added two three-digit numbers (with regrouping), practiced skip counting, wrote fractions to describe part of a circle, measured area using rods and cubes.  L13-reviewed multiplication facts, added tens, reviewed skip counting by counting coins.  L14- practiced multiplication skills, added hundreds, counted coins, drew areas in square inches.  L15-practiced multiplication skills, read numbers in the ten thousands, built three dimensional designs.  L16- reviewed place value, practiced multiplication skills and subtraction skills, compared multiplication problems, recognized number patters.  L17-practiced multiplication skills, subtracted two two-digit numbers with regrouping, completed number patters, added time to clocks.  L18-reviewed multiplication problems, subtracted two two-digit numbers with regrouping, reviewed odd and even numbers, solved story problems.  L19- subtracted two two-digit numbers with regrouping, added two three-digit numbers, read a graph.  L20- reviewed three digit addition, reviewed place value and odd and even numbers, reviewed subtraction, made tangram designs  L21-Test 1- addition portion, place value portion, even and odd review and subtraction  L22-reviewed multiplication, subtracted two-digit numbers, added two three-digit numbers, recognized attributes.  L23-reviewed multiplication problems, added two three-digit numbers, added three two-digit numbers, added time to clocks, solved story problems,  L24-added two three-digit numbers, used symbols to express a relationship between equations, completed tables  L25- added two three-digit numbers, compared numbers and equations, counted coins.  L26- subtracted two three-digit numbers, recognized halves, thirds and fourths, constructed a design and completed the chart, reviewed multiplication facts.  L27- subtracted two three-digit numbers, recognized fifths, sixths and eights, measured lines in cm, compared numbers.  L 28-subtracted two three-digit numbers, recognized fractions, counted coins, used cardinal points.  L29-subtracted two three-digit numbers, solved a chain of operations, reviewed place value, reviewed addition facts.  L30- subtracted two three-digit numbers, solved a chain of operations, recognized and recreate patters.  L31-interpreted graphs, made pentomino design, reviewed basic subtraction facts, reviewed cardinal points.  L32-reviewed multiplication facts, told time to the nearest five minutes, estimated halves, identified and named three dimensional shapes.  L33-reviewed multiplication facts, estimated times, completed math tables, reviewed shape names.  L34-added two three-digit numbers, added two four digit numbers, reviewed multiplication facts, reviewed shapes.  L35- reviewed multiplication facts, solved addition problems, collected data and made a graph, identified shapes, added numbers.  L36-reviewed multiplication facts, added two three-digit numbers, made symmetrical tangram designs, reviewed cardinal points.  L37-drew conclusions from a random sample, reviewed inequalities, skip counted by the thousands, categorized shapes.  L38-used logic to solve word problems, reviewed inequalities, made geoboard designs, classified shapes.  L39-Lesson review adding three and four numbers with regrouping and four-digit numbers, inequalities, show relationships between equasions, multiple operations, work with parenthisies and multiple operations within an equations, telling time to the nearest five minutes, write and recognize fractions.  L40- Test 2- addition problems, fill in missing signs for inequalities, multiple operations, reading a clock and writing times, write fractions.  L 41-identified the parts of a fraction using the correct terminology, read clock faces, skip counted.  L42-identified fractions, read clock faces, reviewed shapes.  L 43-practiced subtraction skills, identified fractions, read clock faces.  L44-subtracted two 3-digi numbers, added several numbers, measured lines by cm, played memory game.  L45-subtracted two three-digit numbers, added several numbers, read thermometer.  L46-added several numbers, compared subtraction problems, counted coins, reviewed multiplication.  L47-added several numbers, subtracted 4-digit numbers using a calculator  L48-solved subtraction problems, used Roman numeral symbol L (50).  L49-used Roman numeral symbol L, recognized fractions, found missing multipliers.  L50-wrote Roman numerals up to 69, recognized fractions, built three dimensional designs,  L51-wrote Roman numerals up to 70, recognized fractions, subtracted time from clocks.  L52-wrote Roman numerals up to 89, recognized fractions, compared groups.  L53-wrote Roman numerals up to 89, solved subtraction problems, read a graph.  L54- found the perimeter of shapes, reviewed multiplication facts, reviewed place values.  L55-measured shapes in terms of area, reviewed multiplication problems, made tangram design.  L56-estimated areas, reviewed multiplication facts, reviewed odd numbers, applied commutative property to multiplication.  L57-countd coins, wrote monetary amounts, reviewed multiplication facts, reviewed associative property of multiplication.  L58-reviewed multiplication facts, added monetary amounts, completed inequalities, completed T tables.  L59-subtracted monetary amounts, reviewed place values, read thermometers, applied distributive property.  L60-reviewed multiplication, reviewed add and subtracted monetary amounts, reviewed place value, found area and perimeter, make pentomino puzzles.L61-Reviewed parts of fractions, added and subtracted monetary amounts, recognized Roman numerals, found the perimeter on rectangles in cm, added times to clocks and wrote.  L62-Test3, identified fractions, solved adding monetary amounts, read times on clocks and wrote them, found the perimeter in centimeters.  L63-multiplied by 10, found missing multiplier or multiplicand, reviewed perimeters, reviewed properties of multiplication.  L64-multiplied by 10, learned terms associated with division, reviewed perimeters, identified properties from word problems.  L65-multiplied by 10, made division problems from multiplication problems, calculated area of a rectangle, applied math properties.  L66-divided number by one and the same number, calculated area of a rectangle, made a graph.  L67-divided by 2, wrote and recognized Roman numerals to 89, counted coins, reviewed subtraction facts.  L68-divided by 3 and review ÷2, wrote and recognized numerals to 89, added fractions, subtracted time.  L69-divided by one, two, three and problems with a quotient of 1, read and recognized Roman numerals to 89, identified shapes, solved division word problems.  L70-divide by one, two, three and problems with a quotient of 1, read and recognized Roman numerals to 89, made geoboard designs, solved multiplication word problems.  L71-reviewed division, solved story problems with multiple operations, found numbers to fit two inequalities, solved story problems.  L72-added monetary amounts, collected data and make a graph, reviewed division facts with divisors of 3, solved story problems.  L73-added monetary amounts, read graph and interpreted data, made a group of coins, reviewed division.  L74-subtracted monetary amounts, reviewed fractions, made change with money.  L75-added fractions, subtracted monetary amounts, made a three dimensional design, solved story problems.  L76-multiplied by 10, added fractions, recognized attributes.  L77-multiplied by 10, added fractions, solved story problems.  L78-multiplied by 10 and 11, subtracted fractions, wrote coordinates (letter and number)  L79-multiplied by 11, subtracted fractions, drew a design using coordinates, measured mass.  L80-multiplied by 10 and 11, added and subtracted fractions, made a tangram design, weighed small objects.  L81- REVIEW division, division terminology, reading graphs, adding fractions.  L82-Test 4 division, division terminology, reading graphs, adding fractions  L83-learned dividing by 4, read clock faces, completed a math machine, answered mass word problems.  L84- learned dividing by 5, reviewed counting clock faces, counting coins, learned about kilograms.  L85-divided by 5, counting coins, reviewed division facts, solved mass word problems.  L86-reviewed multiplication facts, recognized and predicted patterns, compared inches and centimeters, completed pre chosen groups of coins.  L87-reviewed division facts for 4 & 5, added columns of two-digit numbers, solved time story problems.  L88- reviewed division skills, added columns of numbers, recognized designs according yo attributes, completed problems with multiple operations.  L89-solved division problems, subtracted four digit numbers, organized shapes according to attributes, found numbers to fit two in equalities.  L90-reviewed division problems, subtracted 4 digit numbers, organized shapes according to attributes, made pentomino puzzle.  L91- reviewed multiplication problems, subtracted fractions, recognized patterns in numbers, compared fractions.  L92-solved division problems with divisors or quotients equal to 1, rounded numbers to the nearest 10, use coordinates to draw designs, compared fractions  L93-rounded numbers to the nearest 10, solved division problems with a divisor of 2, create problems and made a graph, compared fractions.  L94-solved division problems with a divisor of 3, estimated answers to addition and subtraction problems, counted coins, compared fractions.  L95-solved division problems with divisors of 2 and 3, estimated answers to addition and subtraction problems, read thermometers and estimated temperatures.  L96-estimated answers to addition and subtraction problems, solved division problems with divisors of 1, 2, and 3 with a quotient = to1, divided groups with remainders.  L97-used Roman numerals symbol C (100), added fractions with like denominators, and solved money story problems.  L98- used Roman numerals symbol C (100), read a calendar, and rounded numbers to the nearest 10.  L99- used Roman numerals symbol C (100), divided groups, and rounded numbers to the nearest 10.  L100-added and subtracted fractions with like denominators, reviewed inequalities, made geoboard designs.  L101-REVIEW: divided problems with divisors of 4 and 5, solved story problems involving time, rounded numbers to the nearest 10, read and wrote Roman numerals.  L102-TEST (division problems, time story problems, rounded number to the nearest 10, writing Roman numerals)  L103-reviewed multiplication facts, divided by 6, counted coins, completed math machines.  L104-reviewed multiplication facts, divided by 6, used coordinates, multiplied 1 digit numbers by multiple of tens, and solved two-step story problems.  L105- divided by 7, reviewed multiplication facts, make geoboard designs, multiplied 1 digit numbers by multiples of 10.  L106-reviewed multiplication facts, divided by 7, made a graph, multiplied 1 digit numbers by multiples of 10.  L107-mukltiplied two-digit numbers by single digit numbers, rounded numbers to the nearest 10, solved story problems, multiplied 1 digit numbers by multiplies of 10.  L108multiply two-digit numbers by single digit, round numbers to the nearest 10, subtracted time, recognize inequalities.  L109-multiplied tens by ten, add and subtract money, choose measuring devices for a task.  L110-multiply numbers, add and subtract monetary amounts, regroup minutes into hours and minutes, solve tangram puzzles.  L111-reviewed multiplication, subtracted monetary amounts, recognized the sequence in designs, wrote coordinates, rounded numbers to the nearest 100.  L112-reviewed multiplication, recognized rules for groups, counted coins, rounded numbers to nearest 100, estimated answers.  L113-multiplied numbers, recognized and wrote Roman numerals, completed math machines, rounded numbers to the nearest 100.  L114-multiplied 3 digit numbers, recognized and wrote Roman numerals to 399, compared fractions, rounded numbers to the nearest hundred.  L115-solved math problems, made a pattern block design and complete a chart, rounded numbers to the nearest hundred.  L116-reviewed division facts, used the associative property of multiplication, estimated times on clocks to the nearest quarter hours, filled in missing operational signs in math problems.  L117- solved multiplication problems, solved division problems, found the areas and perimeters of rectangles.  L118-reviewed division facts, multiplied three-digit numbers, estimated answers to multiplication problems, read thermometers.  L119-reviewed division facts, estimated answers to multiplication problems, compared fractions, found fractions on a ruler.  L120-reviewed division problems, solved multiplication word problems, regrouped minutes, solved story problems, completed tangram puzzles.  L121-solved multiplication problems, multiplied two digit numbers, wrote story problems.  L122-REVIEWED: division, roman numerals, multiplication, multiply numbers by 10, coordinates, estimating, inequalities.  L123- TEST 6-division, multiplication, estimating, inequalities, Roman numerals, coordinates  L124-added five digit numbers, recognized the tenths place value, changed fractions to decimals, showed time to the minute.  L125-compared equations to numbers, multiplied two two-digit numbers, rounded numbers to the nearest 100, matched patters.  L126-compared inequalities involving multiplication, subtracted five digit numbers, rounded numbers to the nearest 100, compared math machines, divided lines into fractions.  L127-multiplied three numbers, multiplied two two-digit numbers, added and subtracted time to clocks, read thermometers, estimated fractions on a number line.  L128- solved problems including addition and multiplication, multiplied a four digit number by a single digit, matched equivalent problems, plotted points using a number of coordinates, wrote fractions demonstrated on number lines.  L129-added five digit numbers, reviewed how to write decimals, solved story problems, use a Venn diagram.  L130-mukltiplied four-digit numbers, read a graph, solved problems with multiple operations, represented fractions on number lines.  L131-subtracted five-digit numbers, multiplied four-digit numbers, made three dimensional designs, solved story problems with multiple operations, solved two-step word problems.  L132-reviewed multiplication facts, divided by 8, rounded numbers to the nearest thousand, compared fractions.  L133-divided by 8, added decimals, multiplied two-digit numbers, made change, compared fractions.  L134-divided by eight, added numbers with decimal places, multiplied two-digit numbers, told time to the minute, filled in the missing signs.  L135-divided by eight, subtracted numbers with decimal places, matched patterns, wrote Roman numerals, wrote whole numbers as fractions.  L136-divided by 8, added and subtracted numbers with decimals, recognized symmetrical flips, recognize fractions equal to 1 and whole numbers.  L137-reviewed division facts, added and subtracted two-digit numbers, multiplied two-digit numbers, plotted coordinates, used Venn diagram.  138-reviewed division facts, added and subtracted numbers with decimals, read time to the nearest minute, completed math machines, recognized fractions equal to 1 and whole numbers.  L139-reviewed division facts, added and subtracted numbers with decimals, read time to the nearest minute, completed math machines.  L140-REVIEWED: division, decimals, multiplication, patters, coordinates, rounding, math machines and time.  L141- TEST-division, decimals, multiplication, patters, coordinates, rounding, math machines and time  L142-added three-digit numbers, write Roman numerals, converted inches to yards and feet.  L143-added three digit-numbers, subtracted 5 digit numbers, compared fractions, converted cm into meters.  L144-added numbers with subtract areas, added numbers, estimated dollar amounts, estimated time to a quarter hour.  L145-find fractions equal to 1, added three-digit numbers, multiplied two two-digit numbers, estimated answer to story problems, made symmetrical tangram designs.  L146-find fractions equal to 1, added three three-digit numbers, multiplied two two-digit numbers, compared degree units.  L147-reviewed multiplying by 9, learned division facts for 9, added five five-digit numbers, converted units of volume, made change from $100.00.  L148- reviewed multiplication by 9, divide by nine, subtracted five-digit numbers, recognized Roman numerals, compared fractions.  L149-divided by nine, multiplied four-digit numbers, found areas of larger rectangles.  L150-reviewed dividing by 9, found missing numbers, solved time story problems, graphed points.  L151-learned the division bracket format, found the hundredths place, made pentomino designs.  L152-added divided a single digit into three digit numbers, subtracted and added numbers with two decimals, converted weight measurements, made geoboard designs.  L153- organized shapes according to attributes, solved division problems, added and subtracted problems with two-decimals, compared fractions.  L154- solved division problems, added and subtracted problems with decimals, compared degree scales on thermometer.  L155- solved division problems, added and subtracted problems with decimals, compared shapes according to attributes.  L156-added and subtracted problems with decimals, added three-digit numbers, built three dimensional designs.  L157-solved division problems, added three three-digit numbers, wrote Roman numeral, made symmetrical designs.  L158-solved division problems, added two five-digit numbers, multiplied four-digit numbers, recognized he millionths place.  L159-solved division problems, multiplied four-digit numbers, compared fractions, recognized symmetry.  L160-added and subtracted with decimals, added three three-digit numbers, found attributes, compared degrees on a thermometer.  L161-TEST 8- added and subtracted, multiplication, divided, symmetry, attributes, place value, roman numerals, thermometer. |
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