



Texas 4th Grade Standards
Excel Math Correlation by Lesson Number

Lesson (Activity) Number	<i>Excel Math</i> Lesson Objective	Texas Essential Knowledge and Skills
L1	Recognizing the thousands, hundreds, tens and ones places; solving multi-step story problems using addition and subtraction; adding 4 four-digit numbers with regrouping and subtracting two three-digit numbers	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2A, B; 4.4A
L2	Subtracting two three-digit numbers with regrouping	Number & Operations: 4.2A, B; 4.4A
L3	Recognizing the value of the digit in whole numbers using expanded notation; recognizing number words under 1,000	Number & Operations: 4.2A, B; 4.4A
L4	Representing problems with whole numbers using strip diagrams and equations with unknowns; solving word problems using deductive reasoning	Mathematical Process Standards: 4.1A-G Number & Operations: 4.4C, H Algebraic Reasoning: 4.5A
L5	Calculating probability, interpreting pie graphs Alternate TEKS Budgeting & Expenses Activity included in Lesson Plan	Data Analysis 4.9A, B Personal Finance & Literacy: 4.10A, C, D, E
L6	Generating a number pattern with numerical expressions; filling in missing numbers in sequences counting by 1, 2, 3, 4, 5, or 10	Number & Operations: 4.4A Algebraic Reasoning: 4.5B
L7	Representing the value of the digit in whole numbers using expanded notation and numbers; recognizing any number less than 10,000	Number & Operations: 4.2A, B; 4.4A
L8	Compare and order whole numbers using the symbols and terms < less than, > greater than; arranging 4 four-digit numbers in order from least to greatest and from greatest to least	Number & Operations: 4.2B, C; 4.4A
L9	Solving problems dealing with money; learning change equivalents up to \$1.00 for dimes, nickels and pennies; recognizing coins	Mathematical Process Standards: 4.1A-G Number & Operations: 4.2F; 4.4A Geometry & Measurement: 4.8C
L10	Solving problems that deal with measurements of length and time; determining what information is needed to answer a question	Mathematical Process Standards: 4.1A-G Number & Operations: 4.4H Geometry & Measurement: 4.8C
L11	Add & subtract whole numbers and decimals; recognizing the dollar symbol and decimal point; recognizing money number words	Number & Operations: 4.2B, E; 4.4A Geometry & Measurement: 4.8C
L12	Learning the multiplication facts; multiplying a one-digit times a two or three-digit number; multiplying money amounts	Number & Operations: 4.2A; 4.4A, B, D, H
L13	Recognizing addition and subtraction fact families; bridging 20 or 30 when adding	Number & Operations: 4.4A
L14	Representing problems involving the four operations with whole numbers, using equations with unknowns; evaluating statements with an equal sign	Number & Operations: 4.4A Algebraic Reasoning: 4.5A
L15	Recognizing squares, circles, triangles and rectangles; determining the fractional part of a group of items when modeled or given in words	Mathematical Process Standards: 4.1A- G Number & Operations: 4.3A, G* Geometry & Measurement: 4.6C*, D



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L16	Learning that the whole is the sum of its parts; learning change equivalents up to \$1.00 for quarters and half-dollars	Number & Operations: 4.2E; 4.3A, B, E, F
L17	Solving problems involving partition objects into equal parts; computing half of a group; recognizing odd and even numbers less than 100	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4E, H
L18	Solving problems that deal with intervals of time; recognizing a quarter past or to the hour, half past the hour; calculating minutes before the hour; learning 60 minutes = 1 hour; calculating elapsed time	Mathematical Process Standards: 4.1A- G Number & Operations: 4.3A, E; 4.4A Geometry & Measurement: 4.8C
L19	Computing the date within one week; learning 7 days = 1 week; learning the abbreviations for days and months Alternate TEKS Time intervals on a Number Line included in Lesson Plan	Mathematical Process Standards: 4.1A- G Geometry & Measurement: 4.8C
L20	Representing data on a dot plot; interpreting bar graphs and picture graphs	Data Analysis 4.9A, B
L21	Representing quotient of a 2 digit whole number; learning division facts with dividends up through 20 and dividends with 5 as a factor	Number & Operations: 4.4D, E, F, H Algebraic Reasoning: 4.5A
L22	Adding & subtracting whole numbers; representing the value of digits in a whole number using expanded notation and numbers; selecting the correct operation; recognizing numbers greater than 1,000	Number & Operations: 4.2A, B; 4.4D, E, F Geometry & Measurement: 4A
L23	Representing problems with an input-output table; filling in missing numbers in sequences counting by 6, 7, 8, or 9	Number & Operations: 4.4H Algebraic Reasoning: 4.5B
L24	Learning multiplication facts with products up to 30; recognizing multiplication and division fact families; learning the terminology for multiplication and division	Number & Operations: 4.4D, E, F, H
L25	Representing problems with an input-output table; completing patterns in a chart	Mathematical Process Standards: 4.1A- G Algebraic Reasoning: 4.5B
L26	Solving word problems using mental multiplication of coins; calculating change using the least number of coins	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2E; 4.4A Geometry & Measurement: 4.8C
L27	Dividing a one-digit divisor into a two-digit dividend with a two-digit quotient, no regrouping or remainders	Number & Operations: 4.2A; 4.4D, E, F, H
L28	Dividing a one-digit divisor into a three-digit dividend with a three digit quotient, no regrouping or remainders	Number & Operations: 4.2A; 4.4D, E, F, H
L29	Estimating liquid and dry weight using standard measurements and metric units	Geometry & Measurement: 4.8A, B, C
L30	Recognizing lines of symmetry; reading measuring devices	Geometry & Measurement: 4.6B; 4.8A
L31	Solving word problems involving multiplication and division	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, E, F, H
L32	Determining products of a number and 10; multiplying a two-digit multiplier by a two digit number	Number & Operations: 4.4B, C*, D, H



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L33	Solving word problems involving division and multiplication; learning division facts with remainders with dividends up through 20;	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4E, F, H
L34	Finding the unknown quantity in equations with parentheses; replacing letters with numbers in an equation	Algebraic Reasoning: 4.5A
L35	Adding and Subtracting whole numbers; changing a number sentence from \neq to $=$; finding the value of an unknown by performing the same operation on both sides of an equation	Number & Operations: 4.4A Algebraic Reasoning: 4.5A
L36	Subtracting four-digit numbers; learning multiplication facts with products to 50	Number & Operations: 4.4A, D, E, F, H
L37	Solving problems dealing with measurements of length; measuring line segments to the nearest half inch, quarter inch and half centimeter; learning the equivalents for feet, inches and yards	Geometry & Measurement: 4.6A; 4.8A, B, C
L38	Learning the terminology of parallel, intersecting and perpendicular	Geometry & Measurement: 4.6A, D
L39	Classifying two dimensional figures; learning the terminology of plane figure, polygon, quadrilateral, parallelogram, and diagonal	Geometry & Measurement: 4.6A, D
L40	Recognizing three-dimensional figures - sphere, cube, cone, cylinder, rectangular, square and triangular pyramid and rectangular prism; learning the terminology of flat and curved faces, vertices and edges	Geometry & Measurement: 3.6A
L41	Solving word problems using a number line	Mathematical Process Standards: 4.1A- G Algebraic Reasoning: 4.5A, B*
L42	Dividing a one-digit divisor into a three-digit dividend with a two-digit quotient, no regrouping or remainders	Number & Operations: 4.2A, B; 4.4D, E, F, H
L43	Dividing a one-digit divisor into a three-digit dividend with a two-digit quotient, no regrouping or remainders	Number & Operations: 4.2A, B; 4.4D, E, F, H
L44	Using Venn Diagrams to understand the union and intersection of sets Alternate TEKS Budgeting & Expenses Activity included in Lesson Plan	Geometry & Measurement: 4.6D* Number & Operations: 6.2A Personal Finance & Literacy: 4.10A, C, D, E
L45	Rounding to the nearest ten; estimating range for an answer; estimating the answers for addition, subtraction and multiplication word problems using rounding	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2D, C*; 4.4A, C, D, G, H
L46	Applying mathematics to problems arising in everyday life, society, and the workplace; interpreting the value of each place-value position; recognizing ordinal number words up to 100	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, E, F Data Analysis: 4.9A, B



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L47	Interpreting the value of each place-value position as 10 times the position to the right and as one-tenth of the value of the place to its left; multiplying two, two-digit numbers	Number & Operations: 4.2A, B, C*, D, H
L48	Compare and order numbers; filling in missing numbers in sequences involving three-digit numbers	Number & Operations: 4.2A; 4.4D, E, F, H Algebraic Reasoning: 4.5B
L49	Representing the quotient of a 2 digit whole number; learning multiplication facts with products to 81; learning division facts with dividends to 30 and dividends that are multiples of 10	Number & Operations: 4.4A, B, D, E, F, H
L50	Recognizing numbers less than a million given in words, expanded notation or place value	Number & Operations: 4.2A, B
L51	Representing the quotient of up to a 4 digit number divided by a 1 digit number; recognizing multiples	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, E, F, H Algebraic Reasoning: 4.5B
L52	Dividing a one-digit divisor into a three-digit dividend with a two-digit quotient, with regrouping and remainders	Number & Operations: 4A, B; 4.4D, E, F, H
L53	Dividing a one-digit divisor into a three-digit dividend with a two-digit quotient, with regrouping and remainders	Number & Operations: 4.2A, B; 4.4D, E, F, H
L54	Applying mathematical process standards to represent fractional units; computing $\frac{1}{2}$ to $\frac{1}{9}$ of a group	Mathematical Process Standards: 4.1A- G Number & Operations: 4.3A, B
L55	Rounding to the nearest hundred or thousand; using rounding in order to estimate; rounding to the nearest dollar	Number & Operations: 4.2D, H; 4.4G
L56	Represent problems using an input-output table; calculating ratios of 2 to 1 and 3 to 1	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, F, H Algebraic Reasoning: 4.5B Geometry & Measurement: 4.8C
L57	Solving problems related to intervals of time (AM and PM)	Mathematical Process Standards: 4.1A- G Geometry & Measurement: 4.8C
L58	Recognizing patterns; learning the terminology of pentagon, hexagon, and octagon; determining figures that do or do not belong in a set	Algebraic Reasoning: 4.5B Geometry & Measurement: 4.6D
L59	Dividing a two-digit divisor into a dividend less than 100, no remainders	Number & Operations: 4.4C, D, E, F, H
L60	Recognizing when figures are similar or congruent; recognizing flips, turns and slides Alternate TEKS Using Tally Charts & Graphs Activity included in Lesson Plan	Geometry & Measurement: 4.6D* Geometry & Measurement: 4.8A, B, C
L61	Solving problems that deal with money; dividing money by a one-digit divisor; recognizing sets of odd and even numbers;	Number & Operations: 4.4E*, F*, H* Algebraic Reasoning: 4.5B Geometry & Measurement: 4.8C
L62	Multiplying two two-digit numbers, regrouping only with the ones or the tens place	Number & Operations: 4.4C, D, E, F, H



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L63	Converting measurements within the same system; learning measurement equivalents for meters, kilometers, kilograms, dozen; determining the measurement that is longer or shorter or heavier or lighter	Number & Operations: 4.4H Algebraic Reasoning: 4.5A Geometry & Measurement: 4.8A, B, C
L64	Determining the formulas for the perimeter of a rectangle; learning length abbreviations	Number & Operations: 4.4D, H Algebraic Reasoning: 4.5C, D Geometry & Measurement: 4.6D*
L65	Determining coordinate points Alternate TEKS Dot Plot Activity included in Lesson Plan	Geometry & Measurement: 5.8A, B, C Data Analysis 4.9A
L66	Solving problems dealing with intervals of time; learning the number of days in each month Alternate TEKS Comparing Fractions Activity included in Lesson Plan	Geometry & Measurement: 4.8C Number & Operations: 4.3A, C, D
L67	Adding and subtracting fractions	Number & Operations: 4.3A, B, E, F
L68	Calculating the area of a rectangle	Algebraic Reasoning: 4.5C, D
L69	Estimating answers to word problems rounding to the nearest hundred or thousand; using rounding to establish a range	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2D; 4.4G
L70	Illustrating degrees as the units used to measure an angle; learning the sum of the angles for a rectangle and a triangle; learning division facts with remainders;	Geometry & Measurement: 4.7A, B, C, D, E
L71	Recognizing the parts of a circle Alternate TEKS Measuring Angles Activity included in Lesson Plan	Geometry & Measurement: 4.6D* Geometry & Measurement: 4.7A, B, C, D, E
L72	Multiplying and dividing up to 4 digit numbers; selecting the correct equation; learning about the Commutative Property of Addition and of Multiplication	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, E, F, H
L73	Learning division facts with dividends up through 50; learning multiplication facts with products up through 81 and products less than 100 with 12 as a factor; converting measurements using division	Number & Operations: 4.4C, D, E, F, H Geometry & Measurement: 4.8A, B, C
L74	Compare and order whole numbers; recognizing true and not true number sentences; selecting the correct symbol for a number sentence	Number & Operations: 4.2C; 4.4E, F
L75	Determining equivalent fractions using models or money	Number & Operations: 4.3A, B, C, D
L76	Adding and subtracting fractions with like denominators	Number & Operations: 4.3A, B, E, F, G; 4.4D, E, F
L77	Applying mathematical process standards to develop and use strategies for whole number computations; solving word problems by listing possibilities	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, F



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L78	Identifying points, lines, line segments, rays, angles and perpendicular and parallel lines; recognizing right, obtuse and acute angles	Number & Operations: 4.4D, E, F Geometry & Measurement: 4.6A, C; 4.7B*, C*, D
L79	Comparing fractions	Number & Operations: 4.3D
L80	Applying mathematical process standards to solve problems by collecting, organizing, displaying and interpreting information given in a line graph	Mathematical Process Standards: 4.1A- G Data Analysis 4.9A*, B*
L81	Representing a fraction a/b as a sum of fractions $1/b$; adding and subtracting mixed numbers	Number & Operations: 4.3A, E, F; 4.4C, D, F
L82	Dividing a one-digit divisor into a four-digit dividend with a three-digit quotient	Number & Operations: 4.4D, E, F, H
L83	Dividing a one-digit divisor into a four-digit dividend with a three-digit quotient	Number & Operations: 4.4D, E, F, H
L84	Multiplying two two-digit numbers, regrouping twice	Number & Operations: 4.4C, D, E, F, H
L85	Recognizing tenths and hundredths places; recognizing decimal number words	Number & Operations: 4.2A, B, C, G, H*; 4.3G*
L86	Adding and subtracting whole numbers and decimal numbers	Number & Operations: 4.2A, B; 4.4A
L87	Converting measurement within the same system; learning the equivalents of gallons, pounds, tons; learning division facts with dividends up to 81; using trial and error to replace letters with numbers in an equation;	Number & Operations: 4.4C, D, E, F, H Algebraic Reasoning: 4.5A Geometry & Measurement: 4.8A, B
L88	Representing fraction a/b as a sum of fractions $1/b$; changing an improper fraction to a mixed number	Number & Operations: 4.3A, B, C, D, E, F
L89	Dividing with a two-digit divisor and a dividend less than 100 with remainders	Number & Operations: 4.4D, E, F, H
L90	Using place value to understand rounding of multi-digit whole numbers; determining the question, given the information and the answer; learning the equivalent for one year in days;	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2D; 4.4G Algebraic Reasoning: 4.5A Geometry & Measurement: 4.8C
L91	Multiplying two digit numbers; representing the quotient of a two digit number by a one digit number; determining the lowest common multiple	Number & Operations: 4.4C, D, E, F
L92	Solving problems dealing with measurements of distance, time and speed in word problems	Mathematical Process Standards: 4.1A- G Algebraic Reasoning: 4.5A Geometry & Measurement: 4.8C
L93	Showing fluency in multiplication facts; determining factors	Number & Operations: 4.4D, F Algebraic Reasoning: 4.5B*
L94	Showing fluency in multiplication facts; determining prime numbers and prime factors Alternate TEKS Measuring Mass & Weight Activity included in Lesson Plan	Number & Operations: 4.4B*, D, F Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8A, B, C
L95	Comparing fractions with the greatest or least value in a set of fractions; calculating the volume of a rectangular prism with one or more layers of cubes;	Number & Operations: 4.3A, B, C, D Geometry & Measurement: 4.8C*



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L96	Solving word problems involving area and perimeter; calculating the diameter, given the radius	Algebraic Reasoning: 4.5C, D
L97	Measuring vertical or horizontal lines by subtracting x or y-coordinates and calculating the length of line segments Alternate TEKS Finding Fractional Parts Activity included in Lesson Plan	Geometry & Measurement: 4.6A*; 4.8C*; 5.8A, B, C Number & Operations: 4.3A, B, C, D
L98	Applying knowledge of right angles to identify equilateral, isosceles and scalene triangles	Geometry & Measurement: 4.6C, D
L99	Determining equivalent fractions using multiplication	Number & Operations: 4.3A, B, C, D
L100	Comparing decimal numbers in true and not true statements and in less than and greater than problems	Number & Operations: 4.2E, F, G, H*
L101	Recognizing the pattern in a sequence of figures or pattern of shading	Number & Operations: 4.4F Geometry & Measurement: 4.6D*
L102	Recognizing the value of the digits in numbers up through trillions; recognizing three-digit odd and even numbers	Number & Operations: 4.2A, B; 4.4C, D, E, F
L103	Represent problems using an input-output table to generate a number pattern; filling in missing numbers in sequences counting by 11 or 12	Number & Operations: 4.4C, D, E, F Algebraic Reasoning: 4.5A, B
L104	Determining corresponding decimals to the tenths or hundredths place; solving problems that deal with money; rounding to the nearest whole number	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2E, H; 4.4A Geometry & Measurement: 4.8C
L105	Compare and order decimals; putting decimal numbers in order from least to greatest and greatest to least; calculating the volume of a rectangular prism using the formula $L \times W \times H$;	Number & Operations: 4.2E, F Geometry & Measurement: 4.8C*
L106	Determining the greatest common factor Alternate TEKS Word Problems & Equations Activity included in Lesson Plan	Number & Operations: 4.4D* Mathematical Process Standards: 4.1A-G Number & Operations: 4.4B, D, E, F, H
L107	Representing a quotient of a 3 or 4 digit whole number; dividing decimal numbers by a whole number	Number & Operations: 4.4E, F, H
L108	Using strategies and algorithms to multiply; learning the Distributive Property of Multiplication and the Associative Property of Multiplication and Addition	Number & Operations: 4.4D Algebraic Reasoning: 4.5A*
L109	Solving problems with decimals using money; dividing dollars by dollars	Mathematical Process Standards: 4.1A- G Number & Operations: 4.2E Geometry & Measurement: 4.8C
L110	Calculating equivalent fractions using division	Number & Operations: 4.3A, B, C, D
L111	Determining solutions to problems involving addition and subtraction of time intervals	Mathematical Process Standards: 4.1A- G Geometry & Measurement: 4.8C
L112	Representing a fraction a/b as a sum of fractions $1/b$; converting improper fractions as part of mixed numbers	Number & Operations: 4.3A, B, C, D, E, F
L113	Represent problems using an input-output table to generate a number pattern; filling in missing numbers in sequences counting by varying amounts	Algebraic Reasoning: 4.5B



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L114	Representing fractions greater than 0 and less than or equal to 1; selecting the fraction that best represents a shaded region	Number & Operations: 4.3A
L115	Compare and order two decimals; calculating a decimal answer in division problems when zeroes need to be added to the right of the dividend Alternate TEKS Calculating Area on a Grid Activity included in Lesson Plan	Number & Operations: 4.2F Algebraic Reasoning: 4.5B, C
L116	Multiplying a three-digit number by a two-digit number; multiplying money amounts with a two-digit multiplier Alternate TEKS Perimeter & Area Activity included in Lesson Plan	Number & Operations: 4.4D* Mathematical Process Standards: 4.1A-G Algebraic Reasoning: 4.5B, C
L117	Compare and order decimals; filling in missing numbers in a sequence of decimal numbers	Number & Operations: 4.2F
L118	Relating decimals to fractions; converting mixed numbers to decimal numbers by setting up equivalent fractions	Number & Operations: 4.2A, B, C, G
L119	Comparing two or more sets of data using bar or line graphs	Mathematical Process Standards: 4.1A- G Data Analysis 4.9A, B
L120	Calculating area and perimeter given coordinates on a coordinate grid Alternate TEKS Perimeter & Area Activity included in Lesson Plan	Algebraic Reasoning: 4.5C, D Geometry & Measurement: 5.8A, B, C Mathematical Process Standards: 4.1A-G Algebraic Reasoning: 4.5B, C
L121	Identifying relative size of units within the customary and metric systems; reading maps drawn to scale	Mathematical Process Standards: 4.1A- G Geometry & Measurement: 4.8A, B, C
L122	Solving two step problems involving multiplication and division; calculating averages	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, E, F, H
L123	Identifying relative sizes of units within the customary and metric systems; learning the abbreviations for quarts, gallons, kilograms, grams, pounds and ounces;	Mathematical Process Standards: 4.1A- G Number & Operations: 4.4D, E, F, H Geometry & Measurement: 4.8A, C
L124	Solving problems dealing with intervals of time; learning the equivalent for one year in days; learning about leap year Alternate TEKS Perimeter & Area Word Problems Activity included in Lesson Plan	Number & Operations: 4.4E, F, H Geometry & Measurement: 4.8A, B, C Mathematical Process Standards: 4.1A-G Algebraic Reasoning: 4.5B, C
L125	Comparing fractions in less than and greater than problems and in true and not true number sentences by setting up equivalent fractions	Number & Operations: 4.3D
L126	Recognizing Roman Numerals I, V, X, L, C, D, M as pattern of numbers Alternate TEKS Fractions in Multiples of Ten Activity included in Lesson Plan	Number & Operations: 4.4A Algebraic Reasoning: 4.5A, B Number & Operations: 4.3A, B
L127	Converting fractions to percent by setting up equivalent fractions	Number & Operations: 4.3A, B, C, D



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L128	Converting fractions to percent by setting up equivalent fractions	Number & Operations: 4.3A, B, C, D
L129	Rounding to the nearest 10, 100 or 1,000; estimating answers to problems involving nine-digit numbers	Mathematical Process Standards: 4.1A-G Number & Operations: 4.2D; 4.4G
L130	Determining if coordinate points are on a given line Alternate TEKS Lines of Symmetry Activity included in Lesson Plan	Geometry & Measurement: 5.8A, B, C Geometry & Measurement: 4.6B
L131	Recognizing the thousandth place; rounding decimal numbers to the nearest tenth or hundredth	Number & Operations: 4.2E, H
L132	Illustrating the measure of an angle as the part of a circle whose center is at the vertex of the angle; associating the 360 degrees in a circle with one-quarter, one-half, three-quarter and full turns	Geometry & Measurement: 4.7A, B, C, D, E*
L133	Comparing positive and negative numbers Alternate TEKS Mass & Weight Activity included in Lesson Plan	Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8A, B, C
L134	Represent multi-step problems involving the four operations with whole numbers using strip diagrams and equations with a letter standing for the unknown	Algebraic Reasoning: 4.5A
L135	Determining if a number, greater than 20, is a prime number Alternate TEKS Mass & Weight Activity included in Lesson Plan	Algebraic Reasoning: 5.4A Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8A, B, C
L136	Determining if two fractions are equivalent; selecting the percent that represents a shaded region	Number & Operations: 4.3A, B, C
L137	Relating decimals to fractions; selecting the decimal that represents a shaded region	Number & Operations: 4.2E, F, G, H*; 4.3A, G*
L138	Dividing a two-digit divisor into a three-digit dividend with a two-digit quotient Alternate TEKS Fractions in Multiples of Ten Activity included in Lesson Plan	Number & Operations: 4.4E*, F* Number & Operations: 5.3C Number & Operations: 4.3A, B
L139	Solving problems that deal with measurement of money; calculating cost per unit	Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8C
L140	Determining negative numbers using coordinate points Alternate TEKS Measuring Angles Activity included in Lesson Plan	Geometry & Measurement: 5.8A, B, C Geometry & Measurement: 4.7A, B, C, D, E
L141	Representing decimals using money; computing products involving two decimal numbers Alternate TEKS Finding Fractional Parts Activity included in Lesson Plan	Number & Operations: 4.2A, E; 4.4D, F Number & Operations: 4.3A, B, C, D
L142	Multiplying up to a 4 digit number by a 1 digit number; representing decimals using money	Number & Operations: 4.2A, E; 4.4D, F
L143	Determining if two fractions are equivalent; solving word problems involving percent	Mathematical Process Standards: 4.1A-G Number & Operations: 4.3A, C, D
L144	Learning the terminology of rhombus and trapezoid	Geometry & Measurement: 4.6D



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L145	Representing fractions and decimals to the tenths and hundredths as a distance from zero on a number line	Number & Operations: 4.2E, F*, H; 4.3G
L146	Multiplying a three-digit number times a three-digit number Alternate TEKS Liquid Volume Activity included in Lesson Plan	Number & Operations: 4.4D* Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8A, B, C
L147	Solving problems related to area and perimeter of rectangles; calculating the area of a parallelogram	Algebraic Reasoning: 4.5C, D
L148	Using decimal notations for fractions; converting fractions to decimals using division	Number & Operations: 4.2G; 4.3A, B
L149	Calculating the area and perimeter of the classroom; calculating the surface area of a rectangular prism	Algebraic Reasoning: 4.5C, D
L150	Calculating the mean, mode and median Alternate TEKS Length & Distance Activity included in Lesson Plan	Mathematical Process Standards: 4.1A-G Number & Operations: 4.4A, F Geometry & Measurement: 4.8A, B, C
L151	Dividing a two-digit divisor into a three-digit dividend with a one-digit quotient	Number & Operations: 4.4E, F Algebraic Reasoning: 4.5B
L152	Determining the rule that generates a number pattern	Algebraic Reasoning: 4.5A, B Data Analysis 4.9A, B
L153	Multiplying a simple fraction by a whole number; multiplying two simple fractions	Number & Operations: 4.3A, E; 4.4F
L154	Addition & subtraction of fractions on a number line; multiplying fractions and whole numbers	Number & Operations: 4.3E, F
L155	Calculating the area of a triangle Alternate TEKS Area on a Grid Activity included in Lesson Plan	Expressions, Equations & Relationships: 5.8B Algebraic Reasoning: 4.5B, C
Activity 1	Using tally charts and graphs to collect & record data	Data Analysis 4.9A, B
Activity 2	Measuring length and distance	Geometry & Measurement: 4.8A, B, C
Activity 3	Representing data on dot plots	Data Analysis 4.9A
Activity 4	Comparing and modeling fractions	Number & Operations: 4.3A, C, D
Activity 5	Calculating math in advertising	Mathematical Process Standards: 4.1A-G Number & Operations: 4.4A, D, H, C Geometry & Measurement: 4.8C
Activity 6	Creating word problems to fit equations	Mathematical Process Standards: 4.1A-G Number & Operations: 4.4B, D, E, F, H
Activity 7	Calculating area on a grid	Algebraic Reasoning: 4.5B, C
Activity 8	Word problems with perimeter and area	Mathematical Process Standards: 4.1A-G Algebraic Reasoning: 4.5B, C
Activity 9	Perimeter and area: tiling	Mathematical Process Standards: 4.1A-G Algebraic Reasoning: 4.5B, C
Activity 10	Budgeting and Expenses	Mathematical Process Standards: 4.1A-G Number & Operations: 4.4A Personal Finance & Literacy: 4.10A, C, D
Activity 11	Measuring liquid volume	Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8A, B, C



Texas 4th Grade Standards
Excel Math Correlation by Lesson Number

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Activity 12	Measuring mass and weight	Mathematical Process Standards: 4.1A-G Geometry & Measurement: 4.8A, B, C
Activity 13	Drawing lines of symmetry	Geometry & Measurement: 4.6B
Activity 14	Measuring angles and word problems	Geometry & Measurement: 4.7A, B, C, D, E
Activity 15	Time intervals on a number line	Geometry & Measurement: 4.8C
Activity 16	Equivalent fractions in multiples of ten & decimal notation	Number & Operations: 4.3A, B
Activity 17	Determining fractional parts	Number & Operations: 4.3A, B, C, D