

Math Assessed Indicators

4th Grade

1.2.K1	uses the concepts of these properties with the whole number system and demonstrates their meaning including the use of concrete objects (2.4.K1a) a. ▲ commutative properties of addition and multiplication b. ▲ zero property of addition (additive identity) and property of one for multiplication (multiplicative identity), c. ▲ associative properties of addition and multiplication d. ▲ symmetric property of equality applied to addition and multiplication
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Resources:

www.math-aids.com place value

www.superteacherworksheets.com place value

www.mathdrills.com/orderofoperations.shtml

www.freemathworksheets.net order of operations

www.softschools.com place value

1.2.K5a-d	▲ N solves one- and two-step real-world problems with one or two operations using these computational procedures a. adds and subtracts whole numbers from 0 through 10,000 and when used as monetary amounts b. multiplies through a two-digit whole number by a two-digit whole number c. multiplies whole dollar monetary amounts (up through three-digit) by a one- or two-digit whole number d. multiplies monetary amounts less than \$100 by whole numbers less than ten e. ■ figures correct change through \$20.00
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Resources:

www.superteacherworksheets.com/word-problems.html

www.dadsworksheets.com/v1/worksheets/word%20problems.html

www.edhelper.com (subscription)

www.worksheetsworks.com/math.html

N1.4.A1 (a-e)	▲ N shows the relationship between these operations with the basic fact families (addition facts with sums from 0 through 20 and corresponding subtraction facts, multiplication facts from 1 x 1 through 12 x 12 and corresponding division facts) including the use of mathematical models (2.4.K1a) (\$): a. addition and subtraction, b. addition and multiplication, c. multiplication and division, d. subtraction and division.
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Resources:

www.dadsworksheets.com fact family math

www.myweblets.com fact family/number family

www.theteacherguide.com/fact-familyworksheets.htm

N1.4.K6 (a-d)	▲ solves one-step equations using whole numbers with one variable and a whole number solution that: a. find the unknown in a multiplication or division equation based on the multiplication facts from 1×1 through 12×12 and corresponding division facts b. find the unknown in a money equation using multiplication and division based upon the facts and addition and subtraction with values through \$10c. find the unknown in a time equation involving whole minutes, hours, days, and weeks with values through 200
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Resources:

www.softschools.com/math/worksheets/algebra-worksheets.jsp

www.kutaschools.com/free.html

www.math-drills.com/algebra.shtml

2.2K2 (a-c)	▲ represents and describes mathematical relationships between whole numbers from 0 through 1,000 using concrete objects, pictures, written descriptions, symbols, equations, tables, and graphs
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Resources:

<http://nlvm.usu/en/nav/vlibrary.html>

www.mathplayground.com/math-manipulatives.html

www.kentuckymathematics.org/resources/tools.asp

2.3.A1	▲ finds the values, determines the rule, and states the rule using symbolic notation with one operation of whole numbers from 0 through 200 using a horizontal or vertical function table (input/output machine, T-table)
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Resources:

www.superteachersworksheets.com In & Out boxes

www.pbskids.org/cyberchase games, see all games, Stop the creature

www.edhelper.com (subscription) math, 4th grade, functions

2.3K2	▲ ■ identifies the plane figures (circles, squares, rectangles, triangles, ellipses, rhombi, octagons, hexagons, pentagons, trapezoids) used to form a composite figure
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Resources:

www.superteacherworksheets.com geometry, polygon worksheets

www.helpingwithmath.com/by_study/geometry/geo_worksheets

www.kutosoftware.com/landing/igews.html

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3.2.K2 (a-e)	▲ selects, explains the selection of, and uses measurement tools, units of measure, and degree of accuracy appropriate for a given situation to measure (2.4.K1a) (°): a. length, width, and height to the nearest fourth of an inch or to the nearest centimeter; b. volume to the nearest cup, pint, quart, or gallon; to the nearest liter; or to the nearest whole unit of a nonstandard unit; c. weight to the nearest ounce or pound or to the nearest whole unit of a nonstandard unit of measure; temperature to nearest degree, elapsed time
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Resources:

www.superteacherworksheets.com/measurement-in-ft-yd.html

www.math4children.com/estimation.html

www.teachervision.fen.com/estimation/printables/54711.html

<http://computerlabs.homestead.com/miniworksheets.html>

3.2.A2	▲ estimates to check whether or not measurements and calculations for length, width, weight, volume, temperature, time, and perimeter in real-world problems are reasonable
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Resources:

www.superteacherworksheets.com/measure-in-ft-yd.html

www.math-drills.com/measurement.shtml

www.softschools.com/measurement/worksheets

www.schoolexpress.com/fws/cat.php?id=2409

3.3K2	▲ ■ recognizes, performs, and describes one transformation (reflection/flip, rotation/turn, translation/slide) on a two-dimensional figure or concrete object
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Resources:

www.ethemes.missouri.edu/themes/205?locale=en

<http://computerlabs.homestead.com/miniworksheets.html>

http://www.helpingwithmath.com/by-subject/geometry/geo_worksheets.htm

3.4.K3	▲ ■ identifies and plots points as whole number ordered pairs
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	in the first quadrant of a coordinate plane (coordinate grid)
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Resources:

www.helpingwithmath.com/by_subject/geometry/geo_worksheets.htm

www.superteacherworksheets.com/ordered-pairs.html

www.math-aids.com/graphing

4.2.K1(a-I)	▲ ■ organizes, displays, and reads numerical (quantitative) and non-numerical (qualitative) data in a clear, organized, and accurate manner including a title, labels, categories, and whole number intervals using these data displays a. graphs using concrete objects, b. pictographs with a symbol or picture representing one, two, five, ten, twenty-five, or one-hundred including partial symbols when the symbol represents an even amount; c. frequency tables d. horizontal and vertical bar graphs; e. Venn diagrams or other pictorial displays f. line plots; g. charts and tables; h. line graphs; i. circle graphs.
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Resources:

www.edhelper.com/graphs.htm

www.fuelthebrain.com/printable/?f=measure

www.superteacherworksheets.com/graphing.html

4.2.A2	▲ uses these statistical measures of a data set using whole numbers from 0 through 1,000 with less than ten whole number data points to make reasonable inferences and predictions, answer questions, and make decisions a. minimum and maximum values b. range, c. mode, d. median when the data set has an odd number of data points, e. mean when the data set has a whole number mean.
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Resources:

www.math-aids.com/mean_mode_median

www.mathatube.com/mean-median-mode-range-worksheets.html

www.dadsworksheets.com mean, median, range

http://mathcrush.com/mean_median_mode_worksheets.html