

Department: Mathematics

Course: Functional Math 6

Revised: October, 2016

MAX06EE11: Identify equivalent number sentences.

MAX06EE13: Demonstrate understanding of equivalent expressions.

MAX06EE25: Match an equation to real-world prob. using variables to represent numbers.

MAX06GE11: Demonstrate area.

MAX06GE14: Identify common three-dimensional shapes.

MAX06NS11: Compare the relationships between two unit fractions.

MAX06NS22: Apply the concept of fair share and equal shares to divide.

MAX06NS23: Solve 2 factor X problem with products up to 50 using objects / calculations.

MAX06NS35: Understand the +/- numbers are used to describe quant. having opposite values.

MAX06RP11: Demonstrate a simple ratio relationship.

MAX06SP11: Display data on a graph or table that shows variability in the data.

MAX06SP25: Summarize data distributions on a graph or table.

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MAT06EE11: Write and evaluate numerical expressions involving whole-number exponents.

MAT06EE12: Write, read, and evaluate expressions in which letters stand for numbers.

MAT06EE13: Apply the properties of operations to generate equivalent expressions.

MAT06EE14: Identify when two expressions are equivalent($y+y$ & $2y$ are equivalent).

MAT06EE25: Understand solving an equation/inequality as a process of answering a question.

MAT06EE26: Use variables to represent numbers & write expressions for solving a real-world problem.

MAT06EE27: Solve all problems for which($x+p=q$ when p , q & x are nonneg. rational numbers).

MAT06EE28: Write an inequal. of the form $x > c$ for problems & solution on number line.

MAT06EE39: Use variable to represent two quantities that change in relationship (dependant/independent variable).

MAT06GE11: Find area of tri, quad. & poly. by composing into rect, tri & other shapes.

MAT06GE12: Find volume of prism by packing it w/cubes & show volume is same as multiple edges.

MAT06GE13: Draw poly in coord plane given vertices & use coord to find length of sides.

MAT06GE14: Make 3-dimensional figures using nets made of rectangles & triangles & use nets to find S.A.

MAT06NS11: Solve problems and use visual models to divide fractions by fractions.

MAT06NS22: Fluently divide multi-digit numbers using the standard algorithm.

MAT06NS23: Add, subtract, multiply, divide multi-digit decimals using the algorithm.

MAT06NS24: Find GCF and LCM of 2 numbers. Use distribution to find sum of 2 numbers.

MAT06NS35: Use + & - numbers to describe quantities having opposite directions/values.

MAT06NS36: Understand a rational number/negative as a point on the number line/plane.

MAT06NS37: Understand ordering and absolute value of rational numbers.

MAT06NS38: Solve real-world & math problems by graphing points in 4 quadrants of the coordinating plane.

MAT06RP11: Use ratio language to describe a ratio relationship between two quantities.

MAT06RP12: Understand and use rate language in the context of a ratio relationship.

MAT06RP13: Use ratio & rate reasoning to solve problems (tables, speed, price, and convert).

MAT06SP11: Recognize a statistical question and anticipate variability in the data.

MAT06SP12: Understand data has distribution described by center, spread & overall shape.

MAT06SP13: Recognize difference in measure of center vs. measure of variation.

MAT06SP24: Display numerical data in plots on a number line (dot & box plots, histograms).

MAT06SP25: Summarize data sets in relation to context.(center, variability & pattern).