

Dear Family,

Today my class started Chapter 1: Number Sense, Algebra, and Functions. I will be learning to find the prime factorization of a composite number, to find the value of expressions, to solve equations, and to solve problems using the guess-and-check strategy. I will also use powers and exponents in expressions, complete function tables, and learn to find the area of squares and rectangles. Here are my vocabulary words and an activity that we can do together.

Sincerely, _____

Key Vocabulary

Area: The number of square units needed to cover the inside of a region or plane figure.

Evaluate: To find the value of an expression.

Function: A relationship that assigns exactly one output value to one input value.

Variable: A symbol, usually a letter, used to represent an unknown quantity.

Activity

Find three objects in your home that are square or rectangular in shape. Using a ruler or tape measure, measure the length and width of each object. Then write the formula you would use to find the area of the rectangle or square. Then solve for the area.

Books to Read

The Grapes of Math
by Greg Tang

Math Curse
by Scieszka & Smith

Can You Count to a GOOGOL?
by Robert Wells

Dear Family,

Today my class started Chapter 2: Statistics and Data Analysis. I will learn how to Display and analyze data using bar graphs, line graphs, histograms, and line plots. I will also learn to find and interpret the mean, median, mode, and range of a set of data. Additionally, I will learn to represent integers on a number line and solve problems by making a table. Here are my vocabulary words and an activity that we can do together.

Sincerely, _____

Key Vocabulary

Frequency: The number of times a result occurs or something happens during the collection of data.

Graph: A more visual way to display data

Integers: Whole numbers and their opposites, including zero

Mean: The *quotient* found by adding the numbers in a set of data and dividing this sum by the number of *addends*.

Activity

What types of exercise do your friends enjoy? Take a survey. After you collect your data, create a line plot to display your results.

Books to Read

Tiger Math, Learning to Graph from a Baby Tiger
by Nagda and Bickel

The M & M's Counting Book
by Barbara McGrath

Math Curse
by Scieszka & Smith