NAME _____ DATE _____ PERIOD _____

Family Letter

Dear Parent or Guardian:

Helping students make connections between facts they learn in school and how these facts are used in the real world is essential. In our math class, we strive to make math "realistic." We encounter fractions and percents in a variety of situations, and show students how to apply these to situations they will eventually face.

In **Chapter 5, Fractions, Decimals, and Percents**, your child will learn about prime factorization, greatest common factors, simplifying fractions, writing fractions and decimals as percents, least common multiple and comparing and ordering rational numbers. In the study of this chapter, your child will complete a variety of daily classroom assignments and activities and possibly produce a chapter project.

By signing this letter and returning it with your child, you agree to encourage your child by getting involved. Enclosed is an activity you can do with your child that also relates the math we will be learning in Chapter 5 to the real world. You may also wish to log on to the **Online Study Tools** for self-check quizzes, Parent and Student Study Guide pages, and other study help at **www.msmath2.net**. If you have any questions or comments, feel free to contact me at school.

Sincerely,

Signature of Parent or Guardian _____ Date _____

NAME _____ DATE _____ PERIOD _____

Family Activity

Color by Numbers

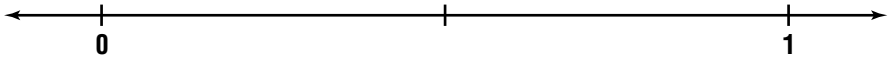
Work with a family member to answer the questions below. Purchase a small bag of colored candies or a small box of colored paper clips. Separate by color.

Count the total number of pieces in the bag or box. Count the number of each color. In the table below, write the name of each color and its number. Find the fraction of the total amount for each color. Simplify the fractions and write them in the table. Then write the decimal number for each color.

There are a total of _____ colored pieces.

Color	Number	Fraction	Decimal

Graph the fraction for each color on the number line.



Write the fractions in order from least to greatest.

Which color had the largest fractional part? the smallest?