SCHOOL-to-HOME CONNECTIONS

Chapter 4

Decimals

Dear Family,

In this chapter, your child will learn about decimals. Skills your child will practice include:

- reading and writing tenths and hundredths
- comparing and ordering decimals
- rounding decimals
- expressing fractions as decimals, and vice versa
- adding tenths and hundredths

Math Practice

Decimals are used to show amounts that are parts of a whole. Encourage your child to find instances when decimals are used, such as prices of items at a supermarket. At the end of this chapter, you may want to carry out these activities with your child. These activities will help your child work with decimals.

Activity 1

- Use playing cards or make two sets of cards with the numbers 1, 2, 4, 5, and 10.
- Have your child pick a number card from each stack and form fractions using the two numbers. Make four such fractions.
- Ask your child to write these four fractions as decimals and order them from least to greatest.

Activity 2

- Use advertising flyers, catalogs, or go to online stores to look for three items with values greater than $1.00.
- Have your child write the price of each item as a decimal.
- Ask your child to compare the prices and order them from greatest to least.
- Have your child round each item to the nearest whole dollar.
- Have your child round each item to the nearest tenth of a dollar.

Math Talk

Encourage your child to talk about **decimals**, or numbers that show amounts that are parts of a whole.

1.52 is a decimal.

decimal point

$\frac{1}{10}$ = 1 **tenth**

1 tenth written in **decimal form** is 0.1.

$\frac{1}{100}$ = 1 **hundredth**

1 hundredth written in decimal form is 0.01.

Ask your child to order the following decimals from **least** to **greatest**.

0.32 7.21 0.68

From least to greatest, the decimals are: 0.32 0.68 7.21

Use the following decimals to discuss rounding with your child.

3.4 is 3 when **rounded to the nearest whole number**.

4.27 is 4.3 when **rounded to the nearest tenth**.



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