SCHOOL-to-HOME CONNECTIONS

Chapter 3

Subtraction Within 10,000

Dear Family,

In this chapter, your child will learn to subtract numbers within 10,000. Skills your child will practice include:

- subtracting 2-digit numbers mentally
- subtracting fluently within 1,000
- subtracting without regrouping
- subtracting with regrouping
- solving real-world problems

Math Practice

There are numerous real-life opportunities for your child to subtract numbers. At the end of this chapter, you may want to carry out these activities with your child. These activities will help your child practice subtracting numbers.

Activity 1

- Go online to find the total number of participants in a marathon or a charity event, such as a charity walk or bike ride.
- Find out how many adults and children took part. Ensure that the number of adults and children are each within 10,000.
- Then, have your child calculate the difference between the two.

Activity 2

- Ask your child to identify a favorite local entertainment venue, such as a bowling alley, a video arcade, or a movie theater.
- Go online to find the price of a ticket for an adult and a child.
- Round each price to the nearest dollar. Then, ask your child to mentally subtract to find the difference between the two.

Math Talk

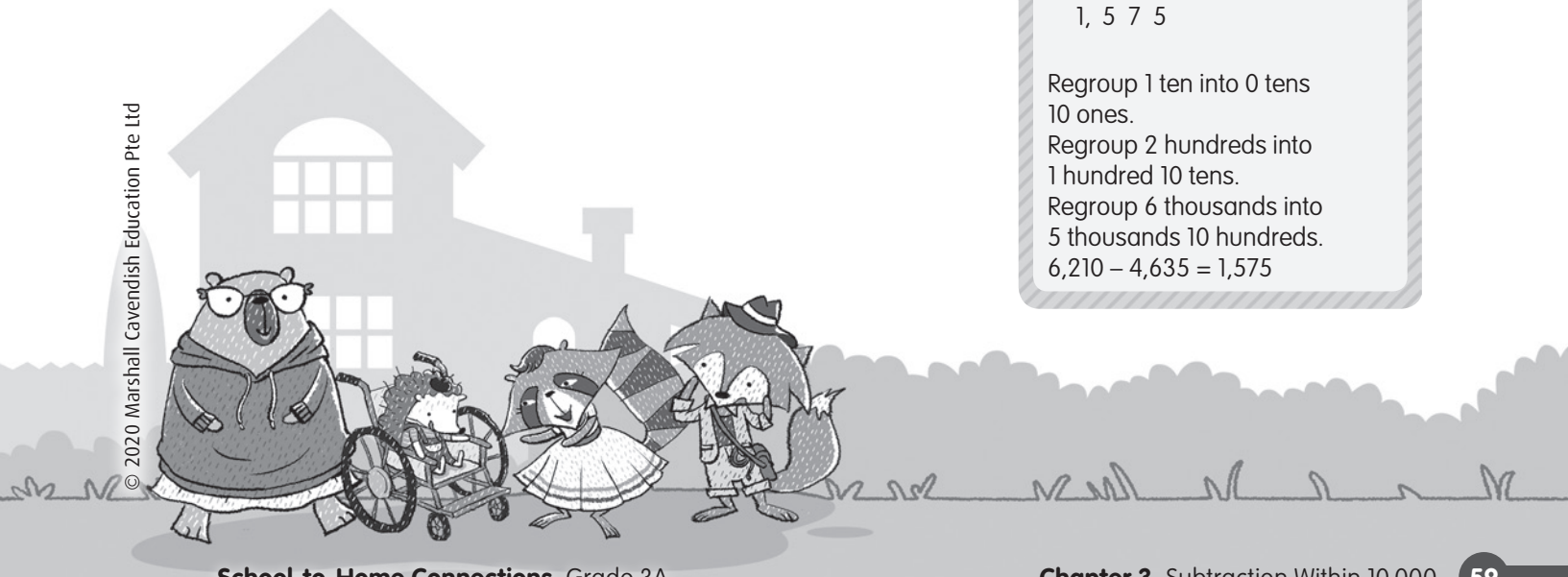
Help your child understand that **difference** is the answer to a subtraction problem. Ask your child to find the difference between 3,695 and 1,243.
3,695 – 1,243 = 2,452
2,452 is the difference between 3,695 and 1,243.

Discuss **regrouping** with your child. For example, regroup:
1 ten into 10 ones;
1 hundred into 10 tens; and
1 thousand into 10 hundreds.

Help your child regroup to find the difference between 6,210 and 4,635.

$$\begin{array}{r} {\scriptstyle 5\ \ 11\ \ 10\ \ 10} \\ \cancel{6},\cancel{2}\cancel{1}\cancel{1}\cancel{0} \\ -\ 4,6\,3\,5 \\ \hline 1,5\,7\,5 \end{array}$$

Regroup 1 ten into 0 tens 10 ones.
Regroup 2 hundreds into 1 hundred 10 tens.
Regroup 6 thousands into 5 thousands 10 hundreds.
6,210 – 4,635 = 1,575



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