

SCHOOL to HOME Connections

Chapter 3 Whole Number Multiplication and Division

Dear Family,

In this chapter, your child will study multiplication and division of whole numbers.

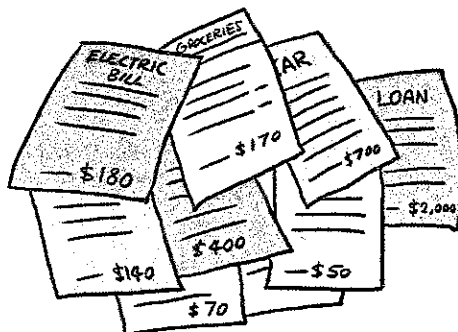
Some of the skills your child will practice are:

- multiplying and dividing with regrouping
- estimating products and quotients
- solving real-world problems

Activity

Estimating products and quotients is an important mental math skill. You can carry out many activities around the house to help your child practice this skill. For example, show your child some grocery bills for your family for the current month.

- Have your child estimate the grocery bill for different hypothetical scenarios. For example, what would the grocery bill be for a family with twice as many members as your own? What would be the amount spent on groceries if the prices of all items were doubled?



Vocabulary to Practice

A **product** is the answer to a multiplication problem. 12 is the product of 6 and 2.

A **quotient** is the answer to a division problem. When 100 is divided by 2, the quotient is 50.

A **remainder** is the number left over when a number cannot be divided evenly. $11 \div 5 = 2 \text{ R } 1$
When 11 is divided by 5, the remainder is 1.

To **estimate** 576×12 , you can
round $576 \rightarrow 600$
round $12 \rightarrow 10$
The estimate is
 $600 \times 10 = 6,000$.