Math at Home — Family Letter for Unit 5

Dear Family,

During the next few weeks, our math class will be learning about division of whole numbers.

You can expect to see work that provides practice in dividing numbers 2 through 10. We will also learn about the special rules that apply to 0 and 1.

As we learn about fact families and the relationship between multiplication and division, you may wish to use this sample as a guide.

Vocabulary

dividend The number that is divided in division.

divisor The number by which a number is being divided.

fact family Related facts that use the same numbers but different operations.

$3 \times 5 = 15$ $5 \times 3 = 15$

$15 \div 5 = 3$ $15 \div 3 = 5$

quotient The answer to a division problem.

Writing Fact Families for Multiplication and Division

Since multiplication and division are related operations, we can write groups of number sentences called fact families.

The number sentences in a fact family are mathematically related to each other.

The fact family for this array is

4 × 7 = 28	7 × 4 = 28
↑ ↑ ↑ rows number in total each row	↑ ↑ ↑ number in rows total each row
28 ÷ 7 = 4	28 ÷ 4 = 7
↑ ↑ ↑ total number in rows each row	↑ ↑ ↑ total rows number in each row

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During this unit, students should practice and memorize the basic multiplication and division facts.

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Sincerely,

Your Child's Teacher