

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 whole numbers.

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.

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

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

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

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

Sincerely,

Your Child's Teacher



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