



# Family Letter for Unit 2

Dear Family,

Our math class will be spending the next few weeks learning how to add, subtract, multiply, and divide whole numbers. We will also be learning how to evaluate expressions and solve equations.

You can expect to see work that provides practice in adding and subtracting numbers with up to 5 digits, as well as multiplying and dividing basic facts.

As we learn about the properties of multiplication, you may want to use the following sample as a guide.

## Vocabulary

**expression** A number or group of numbers with operation symbols. An expression may have a variable.

**equation** A mathematical sentence with an equal sign.

**variable** A letter or a symbol that represents a number in an algebraic expression.

### Multiplication Properties

#### Commutative Property

The order in which factors are multiplied does not change the product.

$$\begin{aligned}2 \times 5 &= 5 \times 2 \\ 10 &= 10\end{aligned}$$

#### Associative Property

The way factors are grouped does not change the product.

$$\begin{aligned}(3 \times 4) \times 2 &= 3 \times (4 \times 2) \\ 12 \times 2 &= 3 \times 8 \\ 24 &= 24\end{aligned}$$

#### Zero Property

When you multiply any number by 0, the product is 0.

$$\begin{aligned}0 \times 7 &= 0 \\ 7 \times 0 &= 0\end{aligned}$$

#### Property of One

When you multiply any number by 1, the product is that number.

$$\begin{aligned}1 \times 9 &= 9 \\ 9 \times 1 &= 9\end{aligned}$$

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

Sincerely,

Your Child's Teacher



### Technology

Check out *Education Place* at [eduplace.com/kids/mw/](http://eduplace.com/kids/mw/) for *e•Glossary*, *e•Word Games*, test prep practice, and more.