

# Math at Home Family Letter for Unit 3

Dear Family,

During the next few weeks our math class will be learning how to multiply and divide whole numbers. We will also continue to work with expressions, equations, and inequalities.

You can expect to see work that provides practice in multiplying and dividing basic facts as well as in evaluating expressions, solving equations, and comparing inequalities.

As we learn how to evaluate expressions with all four operations, you may wish to use the following sample as a guide.

## Vocabulary

**dividend** The number that is divided in a division problem.

In  $10 \div 2 = 5$ , the dividend is 10.

**divisor** The number by which a number is divided. In  $10 \div 2 = 5$ , the divisor is 2.

**factor** One of two or more numbers that are multiplied to give a product.

**product** The answer in a multiplication problem.

**quotient** The answer in a division problem. In  $10 \div 2 = 5$ , the quotient is 5.

## Evaluating Expressions with all Four Operations

Follow these steps to evaluate  $10 - (3 + 2) \times 4$ .

- First, do the operations inside the parentheses.
- Then do any multiplication and division in order from left to right.
- Finally, do any addition and subtraction in order from left to right.

$$\begin{array}{c} 10 - (3 + 2) \times 4 \\ \quad \swarrow \quad \searrow \\ 10 - 5 \times 4 \\ \quad \quad \swarrow \quad \searrow \\ 10 - 20 \\ \quad \quad \swarrow \quad \searrow \\ 10 \end{array}$$

Knowing how to evaluate expressions and solve equations using all four operations will allow students to solve real-world problems.

Sincerely,

Your Child's Teacher



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