



# Family Letter for Unit 8

Dear Family,

During the next few weeks, our math class will be learning and practicing multiplication and division.

You can expect to see work that provides practice in multiplying with greater numbers, and dividing with 2- and 3-digit dividends as well as money amounts.

As we divide greater numbers, you may wish to use the following sample as a guide.

**Vocabulary**

**remainder** The number left over when a number cannot be divided evenly.

### Two-Digit Quotients

To find  $51 \div 3$ , follow these steps.

First, divide the tens.

**Think:**  $5 \text{ tens} \div 3$ .

$\begin{array}{r} 1 \\ 3 \overline{)51} \\ -3 \\ \hline 2 \end{array}$	Write 1 in the tens place. Multiply. $3 \times 1 \text{ ten}$ Subtract. $5 - 3$ Compare. $2 < 3$
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Next, regroup leftover tens as ones.

**Think:**  $2 \text{ tens } 1 \text{ one} = 21 \text{ ones}$ .

$\begin{array}{r} 1 \\ 3 \overline{)51} \\ -3 \\ \hline 21 \end{array}$	Bring down 1 one. Regroup 2 tens 1 one as 21 ones.
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Then divide the ones.

**Think:**  $21 \text{ ones} \div 3$ .

$\begin{array}{r} 17 \\ 3 \overline{)51} \\ -3 \\ \hline 21 \\ -21 \\ \hline 0 \end{array}$	Write 7 in the ones place. Multiply. $3 \times 7 \text{ ones}$ Subtract. $21 - 21$ Compare. $0 < 3$
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Knowing how to multiply and divide with greater numbers and money amounts will allow students to solve more complex problems.

Sincerely,

Your Child's Teacher



### Technology

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