

Dear Family,

During the next few weeks, our math class will be learning to divide greater numbers.

You can expect to see work that provides practice in dividing with 2-, 3-, and 4- digit dividends. We will also learn to divide with money amounts and to find unit cost.

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

### Vocabulary

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

**divisor** The number by which a number is being divided.

**quotient** The answer to a division problem.

**unit cost** The cost of one item.

### Two-Digit Quotients

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

First, divide the tens.

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

Write 1 in the tens place.

$$\begin{array}{r} 1 \\ 3 \overline{) 51} \\ \underline{-3} \phantom{0} \\ 2 \phantom{0} \end{array}$$

Multiply.  $3 \times 1 \text{ ten}$

Subtract.  $5 - 3$

Compare.  $2 < 3$

Next, regroup leftover tens as ones.

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

$$\begin{array}{r} 1 \\ 3 \overline{) 51} \\ \underline{-3} \downarrow \\ 21 \end{array}$$

Bring down 1 one.

Regroup 2 tens 1 one as 21 ones.

Then, divide the ones.

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

Write 7 in the ones place.

$$\begin{array}{r} 17 \\ 3 \overline{) 51} \\ \underline{-3} \downarrow \\ 21 \\ \underline{-21} \\ 0 \end{array}$$

Multiply.  $3 \times 7 \text{ ones}$ .

Subtract.  $21 - 21$

Compare.  $0 < 3$

Knowing how to divide greater numbers and money amounts will allow students to solve more complex, real-world problems.

Sincerely,

Your Child's Teacher



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