

Dear Family,

During the next few weeks, our math class will be learning about Money and multiplication.

You can expect to see work that provides practice finding the value of different money amounts and combinations of coins and bills, comparing money amounts, and multiplying one-digit numbers by two-digit numbers.

As we learn to multiply with two-digit numbers, you may wish to use the following as a guide.

Vocabulary

product The result of multiplication.

regroup Exchanging equal amounts when renaming a number.

multiply To combine equal groups.

estimate A number close to an exact amount; to find about how many.

Multiply Two-Digit Numbers

To find 4×28 , follow these steps.

First, multiply the ones.

$$4 \times 28 = 32$$

Regroup 32 ones as 3 tens and 2 ones.

$$\begin{array}{r} 3 \leftarrow \\ 28 \\ \times 4 \\ \hline 2 \leftarrow \end{array} \quad \boxed{32 \text{ ones}}$$

Next, multiply the tens.

$$4 \times 2 = 8$$

Add the regrouped tens.

$$8 + 3 = 11$$

$$\begin{array}{r} 3 \\ 28 \\ \times 4 \\ \hline 112 \end{array} \quad \boxed{11 \text{ tens}}$$

Regroup to find the product.

$$11 \text{ tens} = 1 \text{ hundred } 1 \text{ ten.}$$

$$4 \times 28 = 112$$

Knowing how to multiply with greater numbers will allow students to solve more complex problems.

Sincerely,

Your Child's Teacher



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