

Math at Home Family Letter for Unit 7

Dear Family,

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

You can expect to see work that provides practice multiplying 1-digit numbers by 2-, 3-, and 4-digit numbers. We will be learning how to multiply greater numbers when regrouping is necessary.

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

Vocabulary

factor A number that can be multiplied to obtain a given product.

product The answer to a multiplication problem.

multiplication An operation on two numbers that gives a product.

estimate To find about how much or about how many.

regroup To use place value to exchange equal amounts when renaming a number.

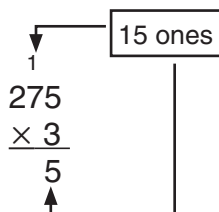
Multiply Greater Numbers

To find 3×275 , follow these steps.

First, multiply the ones.

$$3 \times 5 = 15$$

Regroup 15 ones as 1 ten 5 ones.



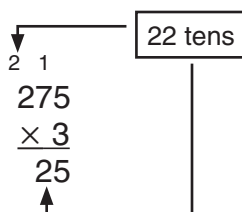
Next, multiply the tens.

$$3 \times 7 = 21$$

Add the 1 regrouped ten.

$$21 + 1 = 22$$

Regroup 22 tens as 2 hundreds 2 tens.

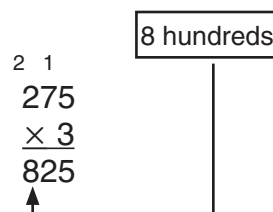


Then, multiply the hundreds.

$$3 \times 2 = 6$$

Add the 2 regrouped hundreds.

$$6 + 2 = 8$$



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

Sincerely,

Your Child's Teacher



Education Place

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