

Dear Family,

During the next few weeks, our math class will be learning more about multiplication. We will learn strategies for finding an unknown factor and for multiplying with multiples of 10.

You can expect to see homework that provides practice with strategies for multiplying with multiples of 10.

Here is a sample of how your child will be taught to use a number line to multiply.

MODEL Use a number line to find 3×50 .

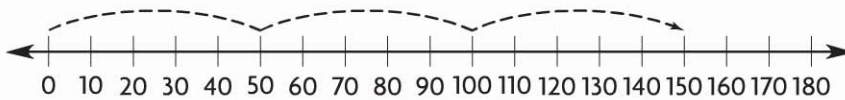
Think: $50 = 5$ tens

STEP 1

Draw a number line and write the labels for multiples of 10.

STEP 2

Draw jumps on the number line to show 3 groups of 5 tens.



So, $3 \times 50 = 150$.

Tips

Using Place Value to Multiply

Using a multiplication fact and place value is another way to multiply by a multiple of 10. To multiply 6×70 , use the basic fact $6 \times 7 = 42$. Think: 6×7 tens = 42 tens, or 420.

Vocabulary

equation A number sentence that uses the equal sign to show that two amounts are equal

factor A number that is multiplied by another number to find a product

multiple A number that is the product of two counting numbers

product The answer to a multiplication problem

Activity

Help your child draw and use models to multiply with multiples of 10. Ask your child to solve problems such as, "There are 6 chocolate chips on one cookie. How do you multiply to find the number of chocolate chips on 20 cookies?"