

3.NBT.3 Parent Helper

I CAN MULTIPLY ANY ONE DIGIT WHOLE NUMBER BY MULTIPLIES OF TEN.

Your child is learning to use what they know about multiplication to multiply by multiples of ten.

Sample Problems:

$$3 \times 6 = 18, \text{ therefore } 3 \times 60 = 180$$

A hotel has 5 floors. There are 20 rooms on each floor. How many rooms are there in the hotel altogether? ($5 \times 20 = 100$)

Vocabulary Terms:

Multiples of ten

Multiply

Whole Number

Product

Need more resources?

A great resource for helping students master multiplication facts is the website www.xtramath.org. Being fluent in these basic facts will help your child in many areas of third grade math. There are plenty of multiplication fact practice games out there. You can google these games by searching "multiplication fact games." Don't have internet access? Get a box of multiplication flash cards and drill these every night!

Helping my child:

Is your child struggling with multiplying multiples of ten? The first thing you should do is make sure your child has their basic multiplication facts memorized. If these are memorized, it will make multiplying by multiples of ten much easier..just add a zero! Does your child know how to solve for any multiplication fact they don't know? See the example below.

Example: 5×3 (Draw a picture of five circles and put three tallies in each one. Count up how many tallies altogether.)

Challenging my child:

Is this standard easy for your child? Challenge them to use larger numbers when multiplying. For instance, multiply 3×600 or 6,000 or 600,000 instead of just 60. Make your child write an explanation for how they solved the equations. This will help you see if they really understand why they are solving a problem a certain way.

Have your child write their own word problems, such as the example above, representing an equation of your choosing.