Multiplying by Multiples of 10

Today's Standard

3.NBT.A3 - Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (e.g., 9 × 80, 5 × 60) using strategies based on place value and properties of operations.

Real-World Applications for this Standard

Calculating total cost of items in packs of 10 (e.g., 6 packs of 10 pencils); Determining total number of pages in 10-page booklets (e.g., 7 booklets); Estimating large quantities quickly (e.g., 8 boxes of 10 apples); Understanding bulk packaging (e.g., 9 packs of 10 bottles)

Today I Learned

Today, we learned how to multiply one-digit numbers by multiples of 10. For example, 5 × 60 means 5 groups of 60.

Common Stumbling Blocks

Sometimes, kids think multiplying by 10 is just adding a zero, but it's more than that. Another mistake is mixing up multiplication and addition.

Quiz Me

- What is 3 × 10?

- How do you multiply 4 by 20?

- What is 7 × 30?

- How do you multiply 6 by 40?

- What is 9 × 50?

Help Me

Multiplying by multiples of 10 helps us in real life, like finding out the total cost of items in packs of 10. For example, if you have 5 packs of 10 pencils, you have 50 pencils in total.