



### 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.,  $9 \times 80$ ,  $5 \times 60$ ) using strategies based on place value and properties of operations.

Cues	Notes
What is 3.NBT.A3?	3.NBT.A3 involves multiplying one-digit numbers by multiples of 10 using place value and properties of operations.
How to multiply by multiples of 10?	To multiply by multiples of 10, shift digits one place to the left.
Common misconceptions?	Common misconceptions include thinking multiplying by 10 is just adding a zero or confusing multiplication with addition.
Place value importance?	Place value helps understand the shift in digits when multiplying by 10.

#### Summary

3.NBT.A3 focuses on multiplying one-digit numbers by multiples of 10. Key concepts include understanding place value and avoiding common misconceptions such as adding zeros or confusing operations.