

# Multiplying One-Digit Numbers by Multiples of 10

Read about a strategy for multiplying one-digit numbers by multiples of ten.

Then, practice using the strategy to solve the problems.

Strategy:

When you have a problem like this:  $40 \times 6 =$  , use your knowledge of the multiples of ten to help you solve the problem. Here's how:

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|--|---|
| 1. Break down the two-digit multiple of ten. | 40 would be 4 and 10                          |
| 2. Multiply the two single-digit factors.    | $4 \times 6 = 24$                             |
| 3. Finally, multiply the new product by 10.  | $24 \times 10 = 240$ , so $40 \times 6 = 240$ |

Solve the following problems using the strategy. Show your work!

1.  $30 \times 4 = 120$   
Reminder: Break 30 into 3 and 10. Then, multiply 3 and 4 together. Multiply that product by 10 to get your answer..

2.  $60 \times 5 = 300$

3.  $5 \times 90 = 450$

4.  $90 \times 3 = 270$

5.  $6 \times 40 = 240$

6.  $10 \times 5 = 50$

7.  $2 \times 70 = 140$

8.  $10 \times 6 = 60$