Using Mental Math to Multiply 2-Digit Numbers

You can multiply with mental math by using basic facts and patterns.

Example A: $5 \times 5 = 25$

$5 \times 50 = 250$

The product contains the number of zeros in each factor.

Example B: $5 \times 6 = 30$

$5 \times 60 = 300$

$50 \times 60 = 3,000$

When the product of a basic fact includes a zero, there is an extra zero in the product.

Multiply. Use mental math.

1. $20 \times 20 =$

_____

2. $50 \times 10 =$

_____

3. $40 \times 40 =$

_____

4. $30 \times 80 =$

_____

5. $60 \times 60 =$

_____

6. $50 \times 90 =$

_____

7. $70 \times 30 =$

_____

8. $70 \times 60 =$

_____

9. $40 \times 50 =$

_____

10. Tell what numbers go in the blanks.

To find 90×30, multiply _____ and _____.

Then write _____ zeros at the end.