Name: _____ Date: _____

Multiplication: Two-Digit × One-Digit

Use the vertical method to solve. Follow the steps and complete the problems.

Steps:

1. Multiply the ones.
2. Write the ones digit and carry the tens.
3. Multiply the tens.
4. Add the number you carried.
5. Write the final answer.

Example 1: 27 × 4

1	2	3	4	5
Multiply the ones. 7 × 4 = 28	Write the ones digit (8) and carry the tens (2).	Multiply the tens. 2 × 4 = 8	Add the number you carried. 8 + 2 = 10	Final answer.
2 27 × 4 8	2 27 × 4 8	2 27 × 4 38	2 27 × 4 108	27 × 4 108

Example 2: 68 × 5

1	2	3	4	5
Multiply the ones. 8 × 5 = 40	Write the ones digit (0) and carry the tens (4).	Multiply the tens. 6 × 5 = 30	Add the number you carried. 30 + 4 = 34	Final answer.
4 68 × 5 0	4 68 × 5 0	4 68 × 5 30	4 68 × 5 340	68 × 5 340

Guided Practice

Solve each problem using the steps. Write your answers in the blanks.

1 42 × 6

Step 1: 2 × 6 _____

Step 2: Write the ones digit and carry _____.

Step 3: 4 × 6 = _____

Step 4: Add the number you carried. ____ + ____ = _____

Step 5: Final answer: _____

□
42
× 6

2 75 × 8

Step 1: 5 × 8 = _____

Step 2: Write the ones digit and carry _____.

Step 3: 7 × 8 = _____

Step 4: Add the number you carried. ____ + ____ = _____

Step 5: Final answer: _____

□
75
× 8

Independent Practice

Solve each multiplication problem using the vertical method.

3. 36 × 7 = _____
4. 58 × 4 = _____
5. 91 × 6 = _____
6. 73 × 5 = _____
7. 27 × 9 = _____
8. 64 × 8 = _____
9. 86 × 3 = _____
10. 49 × 7 = _____

LIVEWORKSHEETS