

Multiplication of a 2-Digit Number by a 1-Digit Number without Carrying

• Example 1

To multiply 2×34 , write

$$\begin{array}{r} \text{Step 1} \quad 34 \\ \times 2 \\ \hline \end{array}$$

Line up the ones digits.

$$\begin{array}{r} \text{Step 2} \quad 34 \\ \times 2 \\ \hline 8 \end{array}$$

Multiply 2×4 . Write the product, 8, in the ones place of the product.

$$\begin{array}{r} \text{Step 3} \quad 34 \\ \times 2 \\ \hline 68 \end{array}$$

Now multiply 2×3 . Write the product in the tens place.

• • • CHECK YOURSELF 1

Multiply.

$$\begin{array}{r} 21 \\ \times 3 \\ \hline \end{array}$$

• • • CHECK YOURSELF ANSWER

1. 63.

1.18 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Multiply.

$$\begin{array}{r} 1. \quad 23 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 32 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 11 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 22 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 44 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 21 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 13 \\ \times 3 \\ \hline \end{array}$$