

Three-Digit by One-Digit Multiplication

Set out. Work from ones to hundreds. At each place, write the digit that stays and carry the remaining place-value amount forward.

SEE ONE

$$\begin{array}{r} 989 \\ \times 3 \\ \hline 2967 \end{array}$$

Work from ones to hundreds. At each place, write the digit that stays and carry the remaining place-value amount forward.

$$989 \times 3 = 2967$$

TRY THE TRAIL

1

Multiply from right to left.

2

Regroup each place-value amount.

3

Combine the partial products carefully.

Notice this: Each regrouped amount is added only in the next place-value column.

Ready? Flip the page and use the same move on each problem.



Three-Digit by One-Digit Multiplication

Do: Solve each problem. Use the picture or place-value setup when it is shown.

1

$$\begin{array}{r} 688 \\ \times 7 \\ \hline \end{array}$$

2

$$\begin{array}{r} 494 \\ \times 5 \\ \hline \end{array}$$

3

$$\begin{array}{r} 491 \\ \times 8 \\ \hline \end{array}$$

4

$$\begin{array}{r} 875 \\ \times 2 \\ \hline \end{array}$$

5

$$\begin{array}{r} 886 \\ \times 3 \\ \hline \end{array}$$

6

$$\begin{array}{r} 823 \\ \times 4 \\ \hline \end{array}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$\begin{array}{r} 634 \\ \times 3 \\ \hline \end{array}$$

One careful line at a time. Accuracy comes before speed.

For the grown-up: Say what stays in this place and what moves to the next place. Keep the answers on the separate key page.



Three-Digit by One-Digit Multiplication

Keep going: Complete all 24. Work straight down each column.

$$\begin{array}{r} 1 \quad \quad \mathbf{730} \\ \times \quad \mathbf{9} \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad \quad \mathbf{925} \\ \times \quad \mathbf{8} \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad \quad \mathbf{899} \\ \times \quad \mathbf{7} \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad \quad \mathbf{534} \\ \times \quad \mathbf{9} \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad \quad \mathbf{742} \\ \times \quad \mathbf{4} \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad \quad \mathbf{366} \\ \times \quad \mathbf{7} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad \quad \mathbf{740} \\ \times \quad \mathbf{3} \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad \quad \mathbf{533} \\ \times \quad \mathbf{3} \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad \quad \mathbf{558} \\ \times \quad \mathbf{9} \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad \quad \mathbf{455} \\ \times \quad \mathbf{4} \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad \quad \mathbf{797} \\ \times \quad \mathbf{6} \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad \quad \mathbf{702} \\ \times \quad \mathbf{9} \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad \quad \mathbf{395} \\ \times \quad \mathbf{8} \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad \quad \mathbf{577} \\ \times \quad \mathbf{7} \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad \quad \mathbf{286} \\ \times \quad \mathbf{5} \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad \quad \mathbf{454} \\ \times \quad \mathbf{5} \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad \quad \mathbf{192} \\ \times \quad \mathbf{7} \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad \quad \mathbf{538} \\ \times \quad \mathbf{8} \\ \hline \end{array}$$

$$\begin{array}{r} 19 \quad \quad \mathbf{269} \\ \times \quad \mathbf{8} \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad \quad \mathbf{534} \\ \times \quad \mathbf{7} \\ \hline \end{array}$$

$$\begin{array}{r} 21 \quad \quad \mathbf{956} \\ \times \quad \mathbf{8} \\ \hline \end{array}$$

$$\begin{array}{r} 22 \quad \quad \mathbf{319} \\ \times \quad \mathbf{5} \\ \hline \end{array}$$

$$\begin{array}{r} 23 \quad \quad \mathbf{661} \\ \times \quad \mathbf{9} \\ \hline \end{array}$$

$$\begin{array}{r} 24 \quad \quad \mathbf{708} \\ \times \quad \mathbf{4} \\ \hline \end{array}$$

Steady repetition makes the next problem feel familiar.



Three-Digit by One-Digit Multiplication

Outcome: Your child can multiply a three-digit number by a one-digit number.
Readiness: Start here if your child can multiply a two-digit number by one digit and regroup accurately.

GUIDED PAGE ANSWERS

1. 4816 2. 2470 3. 3928 4. 1750 5. 2658 6. 3292 **Check.** 1902

PRACTICE PAGE ANSWERS

1. 6570 2. 7400 3. 6293 4. 4806 5. 2968 6. 2562 7. 2220 8. 1599
9. 5022 10. 1820 11. 4782 12. 6318 13. 3160 14. 4039 15. 1430 16. 2270
17. 1344 18. 4304 19. 2152 20. 3738 21. 7648 22. 1595 23. 5949 24. 2832

WATCH FOR

Your child carries a value forward but adds it more than once.

SAY THIS

“Say what stays in this place and what moves to the next place.”

NEXT USEFUL TRAIL

Two-Digit by Two-Digit Multiplication

