

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

$$\begin{array}{r} 676 \\ \times \quad 5 \\ \hline 3380 \end{array}$$

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

$$676 \times 5 = 3380$$

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

$$\begin{array}{r} 809 \\ \times 2 \\ \hline \end{array}$$

2

$$\begin{array}{r} 554 \\ \times 4 \\ \hline \end{array}$$

3

$$\begin{array}{r} 669 \\ \times 2 \\ \hline \end{array}$$

4

$$\begin{array}{r} 356 \\ \times 2 \\ \hline \end{array}$$

5

$$\begin{array}{r} 688 \\ \times 8 \\ \hline \end{array}$$

6

$$\begin{array}{r} 227 \\ \times 2 \\ \hline \end{array}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$\begin{array}{r} 428 \\ \times 9 \\ \hline \end{array}$$

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.

$$\begin{array}{r} 1 \quad 578 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 889 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 983 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 601 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 878 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 960 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 584 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 862 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 394 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 865 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 128 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 561 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 843 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 576 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 253 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 542 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad 450 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad 389 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \quad 860 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad 368 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \quad 430 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \quad 716 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \quad 368 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \quad 578 \\ \times \quad 6 \\ \hline \end{array}$$

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. 1618 2. 2216 3. 1338 4. 712 5. 5504 6. 454 Check. 3852

PRACTICE PAGE ANSWERS

1. 3468 2. 2667 3. 4915 4. 2404 5. 7024 6. 2880 7. 5256 8. 2586
9. 1970 10. 3460 11. 1152 12. 3366 13. 4215 14. 2880 15. 759 16. 2168
17. 4050 18. 1945 19. 4300 20. 736 21. 1290 22. 4296 23. 736 24. 3468

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

