

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

$$\begin{array}{r} 215 \\ \times 2 \\ \hline 430 \end{array}$$

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

$$215 \times 2 = 430$$

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

$$\begin{array}{r} 722 \\ \times 8 \\ \hline \end{array}$$

2

$$\begin{array}{r} 919 \\ \times 8 \\ \hline \end{array}$$

3

$$\begin{array}{r} 410 \\ \times 7 \\ \hline \end{array}$$

4

$$\begin{array}{r} 661 \\ \times 6 \\ \hline \end{array}$$

5

$$\begin{array}{r} 633 \\ \times 5 \\ \hline \end{array}$$

6

$$\begin{array}{r} 435 \\ \times 6 \\ \hline \end{array}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$\begin{array}{r} 218 \\ \times 7 \\ \hline \end{array}$$

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.



More free math:

<https://madeforhomeschool.com/math/pages/three-digit-by-one-digit-multiplication>

Three-Digit by One-Digit Multiplication

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

$$\begin{array}{r} 1 \quad 564 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 302 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 701 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 767 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 252 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 477 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 518 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 761 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 604 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 393 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 590 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 750 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 192 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 970 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 991 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 877 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad 192 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad 559 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \quad 983 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad 269 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \quad 488 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \quad 546 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \quad 469 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \quad 117 \\ \times \quad 9 \\ \hline \end{array}$$

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. 5776 2. 7352 3. 2870 4. 3966 5. 3165 6. 2610 **Check.** 1526

PRACTICE PAGE ANSWERS

1. 4512 2. 1510 3. 2103 4. 3068 5. 2016 6. 1431 7. 3108 8. 6849
9. 5436 10. 2358 11. 4130 12. 4500 13. 960 14. 5820 15. 4955 16. 6139
17. 768 18. 4472 19. 5898 20. 1076 21. 1464 22. 3822 23. 3752 24. 1053

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

Recipe multiplication.three-digit-by-one-digit-multiplication.b.v1 · Seed 61009

