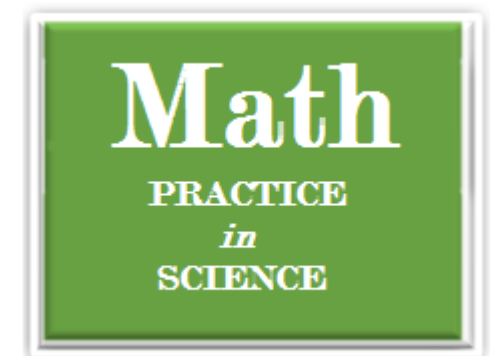


017 Math Practice

Zeros in the Multiplier



If you find a zero in the middle of a multiplier, you can take advantage of a mathematical shortcut. Write just one zero as the partial product and leave out the other zeros. Be sure to line up the next partial product correctly.

Example:

Multiply 432 by 203.

Method A

$$\begin{array}{r} 432 \\ \times 203 \\ \hline 1,296 \\ 000 \\ 864 \\ \hline 87,696 \end{array}$$

These zeros can be omitted.

Method B

$$\begin{array}{r} 432 \\ \times 203 \\ \hline 1,296 \\ 8,640 \\ \hline 87,696 \end{array}$$

Multiply. Check your answers.

1. $\begin{array}{r} 235 \\ \times 304 \\ \hline \end{array}$

2. $\begin{array}{r} 641 \\ \times 402 \\ \hline \end{array}$

3. $\begin{array}{r} 728 \\ \times 204 \\ \hline \end{array}$

4. $\begin{array}{r} 675 \\ \times 103 \\ \hline \end{array}$

5. $\begin{array}{r} 691 \\ \times 601 \\ \hline \end{array}$

6. $\begin{array}{r} 482 \\ \times 303 \\ \hline \end{array}$

7. $\begin{array}{r} 607 \\ \times 406 \\ \hline \end{array}$

8. $\begin{array}{r} 569 \\ \times 602 \\ \hline \end{array}$

9. $\begin{array}{r} 362 \\ \times 909 \\ \hline \end{array}$

10. $\begin{array}{r} 886 \\ \times 101 \\ \hline \end{array}$

11. $\begin{array}{r} 366 \\ \times 703 \\ \hline \end{array}$

12. $\begin{array}{r} 885 \\ \times 702 \\ \hline \end{array}$

13. $\begin{array}{r} 969 \\ \times 209 \\ \hline \end{array}$

14. $\begin{array}{r} 686 \\ \times 109 \\ \hline \end{array}$

15. $\begin{array}{r} 772 \\ \times 705 \\ \hline \end{array}$

16. $\begin{array}{r} 4,501 \\ \times 7,010 \\ \hline \end{array}$

17. $\begin{array}{r} 3,040 \\ \times 5,500 \\ \hline \end{array}$

18. $\begin{array}{r} 7,980 \\ \times 3,006 \\ \hline \end{array}$

19. $\begin{array}{r} 6,774 \\ \times 4,050 \\ \hline \end{array}$

20. $\begin{array}{r} 5,067 \\ \times 3,000 \\ \hline \end{array}$

21. $\begin{array}{r} 1,003 \\ \times 1,003 \\ \hline \end{array}$

22. $\begin{array}{r} 2,010 \\ \times 4,903 \\ \hline \end{array}$

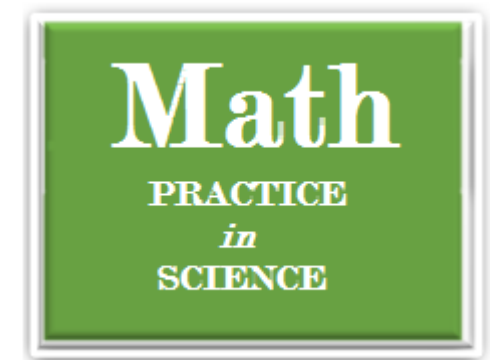
23. $\begin{array}{r} 3,099 \\ \times 2,040 \\ \hline \end{array}$

24. $\begin{array}{r} 9,004 \\ \times 8,008 \\ \hline \end{array}$

25. $\begin{array}{r} 9,304 \\ \times 8,030 \\ \hline \end{array}$

018 Math Practice

Multiplication Practice



Multiply. Check your answers.

1.
$$\begin{array}{r} 72 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 0 \\ \hline \end{array}$$
2.
$$\begin{array}{r} 344 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 567 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 587 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 953 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 629 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ \times 2 \\ \hline \end{array}$$
3.
$$\begin{array}{r} 45 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 35 \\ \hline \end{array}$$
4.
$$\begin{array}{r} 307 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 902 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 603 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 505 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 806 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 908 \\ \times 9 \\ \hline \end{array}$$
5.
$$\begin{array}{r} 60 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 280 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 904 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 203 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 821 \\ \times 70 \\ \hline \end{array}$$
6.
$$\begin{array}{r} 905 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 820 \\ \times 29 \\ \hline \end{array}$$

$$\begin{array}{r} 604 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 920 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 207 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 104 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 590 \\ \times 92 \\ \hline \end{array}$$
7.
$$\begin{array}{r} 735 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 856 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 937 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 246 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 670 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 852 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 955 \\ \times 16 \\ \hline \end{array}$$
8.
$$\begin{array}{r} 531 \\ \times 178 \\ \hline \end{array}$$

$$\begin{array}{r} 892 \\ \times 219 \\ \hline \end{array}$$

$$\begin{array}{r} 175 \\ \times 354 \\ \hline \end{array}$$

$$\begin{array}{r} 416 \\ \times 150 \\ \hline \end{array}$$

$$\begin{array}{r} 732 \\ \times 332 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ \times 299 \\ \hline \end{array}$$

$$\begin{array}{r} 512 \\ \times 152 \\ \hline \end{array}$$
9.
$$\begin{array}{r} 227 \\ \times 103 \\ \hline \end{array}$$

$$\begin{array}{r} 981 \\ \times 370 \\ \hline \end{array}$$

$$\begin{array}{r} 425 \\ \times 620 \\ \hline \end{array}$$

$$\begin{array}{r} 183 \\ \times 355 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ \times 414 \\ \hline \end{array}$$

$$\begin{array}{r} 731 \\ \times 882 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ \times 266 \\ \hline \end{array}$$