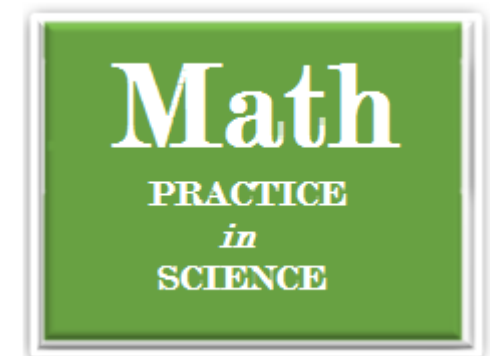


015 Math Practice

Multiplication



Sometimes you must multiply by a factor that contains two or more digits. Then you have to write partial products. The partial products must be written in the correct columns before they are added.

Example: Find the product of 27 and 16.

Step 1:	$\begin{array}{r} 27 \\ \times 16 \\ \hline 162 \end{array}$	$6 \times 27 = 162$	Step 2:	$\begin{array}{r} 27 \\ \times 16 \\ \hline 162 \\ 27 \\ \hline 432 \end{array}$	Partial Product Partial Product Product
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Find these products. Check your answers.

1.
$$\begin{array}{r} 25 \\ \times 25 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 34 \\ \times 13 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 73 \\ \times 23 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 82 \\ \times 47 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 42 \\ \times 29 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 91 \\ \times 68 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 42 \\ \times 28 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 45 \\ \times 43 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 53 \\ \times 57 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 56 \\ \times 64 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 68 \\ \times 69 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 85 \\ \times 23 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 232 \\ \times 52 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 541 \\ \times 39 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 181 \\ \times 57 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 193 \\ \times 12 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 182 \\ \times 48 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 370 \\ \times 22 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 142 \\ \times 22 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 331 \\ \times 59 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 801 \\ \times 39 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 442 \\ \times 33 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 515 \\ \times 23 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 463 \\ \times 85 \\ \hline \end{array}$$

25.
$$\begin{array}{r} 231 \\ \times 442 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 182 \\ \times 382 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 514 \\ \times 772 \\ \hline \end{array}$$

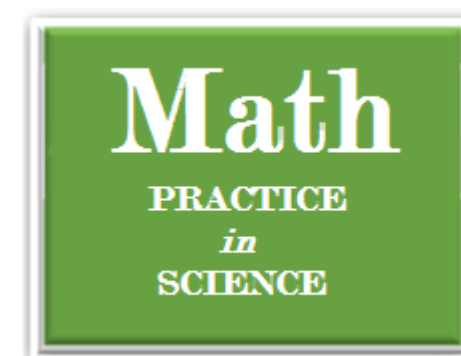
28.
$$\begin{array}{r} 555 \\ \times 131 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 622 \\ \times 485 \\ \hline \end{array}$$

30.
$$\begin{array}{r} 778 \\ \times 662 \\ \hline \end{array}$$

016 Math Practice

Multiplying with Zero



Multiplying with zero is simply because zero times any number equals zero.

When the multiplier, or bottom number, in a multiplication problem has a zero on the right, you can write this zero in the product. If there is more than one zero on the right side of the multiplier, put the same number of zeros in the product.

Examples: Find the product of 27 and 80.

$$\begin{array}{r} \text{Factors} \rightarrow \begin{array}{r} 27 \\ \times 80 \\ \hline \end{array} \text{Multiplier} \\ 2,160 \text{ Product} \end{array}$$

Write the zero in the product.

Multiply by 8.

Find the product of 245 and 300.

$$\begin{array}{r} \text{Factors} \rightarrow \begin{array}{r} 245 \\ \times 300 \\ \hline \end{array} \text{Multiplier} \\ 73,500 \text{ Product} \end{array}$$

Write two zeros in the product.

Multiply by 3.

Find these products. Check your answers.

1. $\begin{array}{r} 383 \\ \times 20 \\ \hline \end{array}$

2. $\begin{array}{r} 442 \\ \times 50 \\ \hline \end{array}$

3. $\begin{array}{r} 723 \\ \times 30 \\ \hline \end{array}$

4. $\begin{array}{r} 822 \\ \times 40 \\ \hline \end{array}$

5. $\begin{array}{r} 227 \\ \times 90 \\ \hline \end{array}$

6. $\begin{array}{r} 342 \\ \times 50 \\ \hline \end{array}$

7. $\begin{array}{r} 522 \\ \times 60 \\ \hline \end{array}$

8. $\begin{array}{r} 208 \\ \times 70 \\ \hline \end{array}$

9. $\begin{array}{r} 551 \\ \times 30 \\ \hline \end{array}$

10. $\begin{array}{r} 639 \\ \times 20 \\ \hline \end{array}$

11. $\begin{array}{r} 532 \\ \times 600 \\ \hline \end{array}$

12. $\begin{array}{r} 844 \\ \times 900 \\ \hline \end{array}$

13. $\begin{array}{r} 394 \\ \times 700 \\ \hline \end{array}$

14. $\begin{array}{r} 745 \\ \times 400 \\ \hline \end{array}$

15. $\begin{array}{r} 641 \\ \times 500 \\ \hline \end{array}$

16. $\begin{array}{r} 409 \\ \times 400 \\ \hline \end{array}$

17. $\begin{array}{r} 559 \\ \times 500 \\ \hline \end{array}$

18. $\begin{array}{r} 711 \\ \times 300 \\ \hline \end{array}$

19. $\begin{array}{r} 603 \\ \times 300 \\ \hline \end{array}$

20. $\begin{array}{r} 490 \\ \times 700 \\ \hline \end{array}$

21. $\begin{array}{r} 252 \\ \times 200 \\ \hline \end{array}$

22. $\begin{array}{r} 603 \\ \times 400 \\ \hline \end{array}$

23. $\begin{array}{r} 434 \\ \times 800 \\ \hline \end{array}$

24. $\begin{array}{r} 763 \\ \times 300 \\ \hline \end{array}$

25. $\begin{array}{r} 307 \\ \times 500 \\ \hline \end{array}$

26. $\begin{array}{r} 620 \\ \times 600 \\ \hline \end{array}$

27. $\begin{array}{r} 944 \\ \times 500 \\ \hline \end{array}$

28. $\begin{array}{r} 805 \\ \times 900 \\ \hline \end{array}$

29. $\begin{array}{r} 750 \\ \times 700 \\ \hline \end{array}$

30. $\begin{array}{r} 623 \\ \times 300 \\ \hline \end{array}$