

# C O N T E N T S

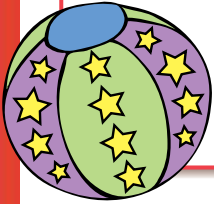
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## WORDS TO LEARN

**Multiplication** - a short way to find a sum when the addends are the same

**Product** - the answer you get after multiplying



	multiplicand		multiplier	
	↓		↓	
Number of stars:	3	x	4	
	= 12 ← <b>product</b>			

When you multiply a number by 10, 100, or 1000, just add the same number of zero(es) to the number to get the answer.

**Do the multiplication mentally.**

①  $5 \times 10 = \underline{\hspace{2cm}}$

②  $10 \times 9 = \underline{\hspace{2cm}}$

③  $10 \times 8 = \underline{\hspace{2cm}}$

④  $1 \times 100 = \underline{\hspace{2cm}}$

⑤  $7 \times 100 = \underline{\hspace{2cm}}$

⑥  $100 \times 2 = \underline{\hspace{2cm}}$

⑦  $3 \times 1000 = \underline{\hspace{2cm}}$

⑧  $4 \times 1000 = \underline{\hspace{2cm}}$

**Find the products.**

⑨  $4 \times 200 = 4 \times \underline{\hspace{1cm}} \times 100$

⑩  $2 \times 30 = 2 \times \underline{\hspace{1cm}} \times 10$

$= \underline{\hspace{1cm}} \times 100$

$= \underline{\hspace{1cm}} \times 10$

$= \underline{\hspace{2cm}}$

$= \underline{\hspace{2cm}}$

⑪  $5 \times 400 = \underline{\hspace{2cm}}$

⑫  $7 \times 300 = \underline{\hspace{2cm}}$

⑬  $2000 \times 9 = \underline{\hspace{2cm}}$

⑭  $40 \times 6 = \underline{\hspace{2cm}}$

⑮  $3000 \times 4 = \underline{\hspace{2cm}}$

⑯  $8 \times 90 = \underline{\hspace{2cm}}$

⑰  $500 \times 9 = \underline{\hspace{2cm}}$

⑱  $6000 \times 3 = \underline{\hspace{2cm}}$



**Think:**  $800 = 8 \times 100$

$800 \times 4 = 8 \times 100 \times 4$   
 $= 8 \times 4 \times 100$

$= 32 \times 100$   
 $= 3200$

A quick way to find the answer!

## 2-digit number x 1-digit number

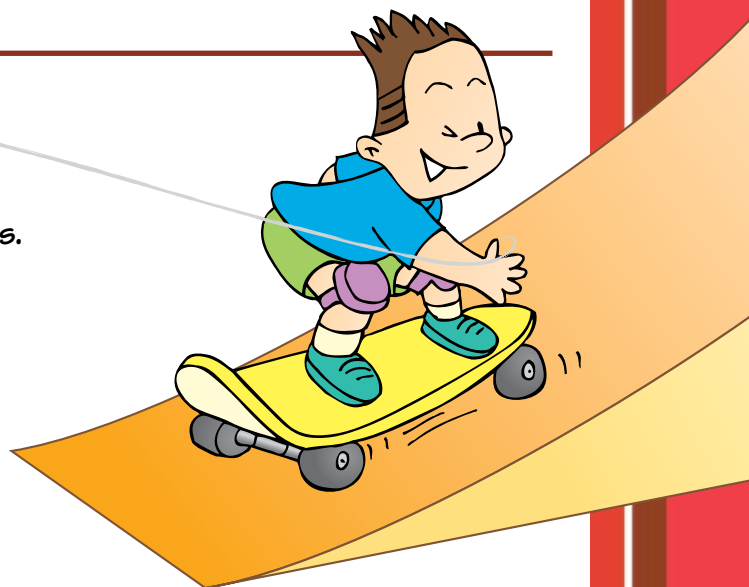
**1st** Multiply the ones.    **2nd** Multiply the tens.

$$\begin{array}{r} 1 \\ 26 \\ \times 3 \\ \hline 8 \end{array}$$

6 x 3 = 18 (Carry 1 ten to the tens column.)

$$\begin{array}{r} 1 \\ 26 \\ \times 3 \\ \hline 78 \end{array}$$

2 x 3 = 6; 6 + 1 = 7



**Find the answers.**

⑰ 
$$\begin{array}{r} 13 \\ \times 2 \\ \hline \end{array}$$

⑱ 
$$\begin{array}{r} 24 \\ \times 4 \\ \hline \end{array}$$

⑲ 
$$\begin{array}{r} 18 \\ \times 3 \\ \hline \end{array}$$

⑳ 
$$\begin{array}{r} 32 \\ \times 5 \\ \hline \end{array}$$

㉑ 
$$\begin{array}{r} 98 \\ \times 6 \\ \hline \end{array}$$

㉒ 
$$\begin{array}{r} 79 \\ \times 1 \\ \hline \end{array}$$

㉓  $6 \times 21 = \underline{\hspace{2cm}}$

㉔  $73 \times 4 = \underline{\hspace{2cm}}$

㉕  $5 \times 49 = \underline{\hspace{2cm}}$

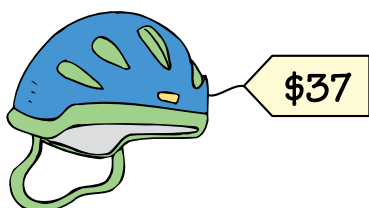
㉖  $26 \times 8 = \underline{\hspace{2cm}}$

㉗  $83 \times 2 = \underline{\hspace{2cm}}$

㉘  $37 \times 7 = \underline{\hspace{2cm}}$

Sometimes you need to carry more than 1 ten to the tens column. 4 ← 4 tens  
e.g. 
$$\begin{array}{r} 36 \\ \times 7 \\ \hline 252 \end{array}$$

Though the order of multiplication has changed, the product is the same.  
e.g.  $2 \times 14 = 14 \times 2$



㉙ a. 5 helmets cost \$  $\underline{\hspace{2cm}}$ .

b. 8 helmets cost \$  $\underline{\hspace{2cm}}$ .



㉚ a. 15 pairs of knee pads cost \$  $\underline{\hspace{2cm}}$ .

b. 34 pairs of knee pads cost \$  $\underline{\hspace{2cm}}$ .

Read what Uncle Jeffrey says. Then help him write the numbers.



How many cookies are there in 4 boxes?

③ Multiply the ones.

$$\begin{array}{r} 134 \\ \times 4 \\ \hline \end{array}$$

Carry 1 ten to the tens column.

Multiply the tens.

$$\begin{array}{r} 134 \\ \times 4 \\ \hline \end{array}$$

Carry 1 hundred to the hundreds column.

Multiply the hundreds.

$$\begin{array}{r} 134 \\ \times 4 \\ \hline \end{array}$$

There are \_\_\_\_\_ cookies in 4 boxes.

Find the products.

③④  $\begin{array}{r} 213 \\ \times 3 \\ \hline \end{array}$

③⑤  $\begin{array}{r} 375 \\ \times 4 \\ \hline \end{array}$

③⑥  $\begin{array}{r} 519 \\ \times 5 \\ \hline \end{array}$

③⑦  $183 \times 6 = \underline{\hspace{2cm}}$

③⑧  $274 \times 9 = \underline{\hspace{2cm}}$

③⑨  $408 \times 8 = \underline{\hspace{2cm}}$

④⑩  $812 \times 7 = \underline{\hspace{2cm}}$

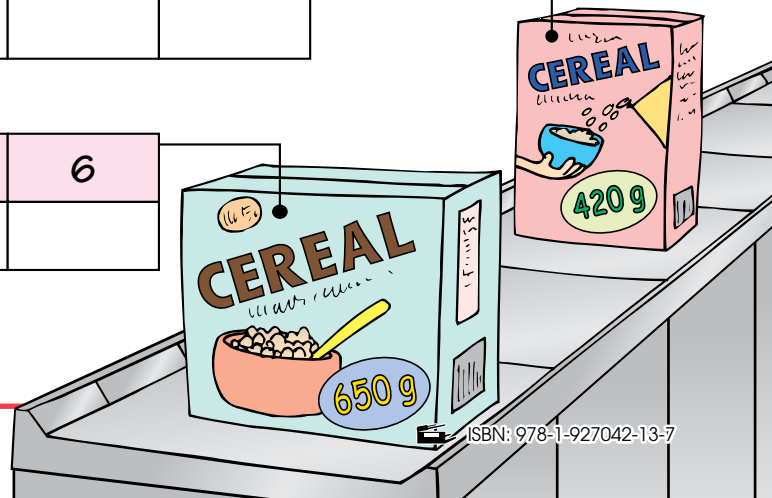
Look at the boxes of cereal. Then complete the tables.

④①

No. of Boxes	3	7	8	9
Total weight (g)				

④②

No. of Boxes	2	5	6
Total weight (g)			



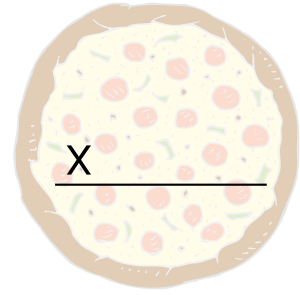
3-digit number  $\times$  1-digit number

- 1st Multiply the ones.
- 2nd Multiply the tens.
- 3rd Multiply the hundreds.

**Answer the questions.**

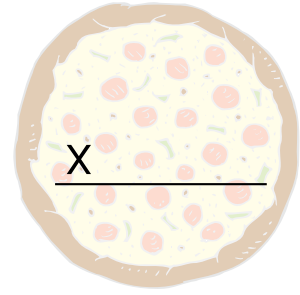
④③ Uncle Philip can make 18 pizzas in an hour. How many pizzas can he make in 9 hours?

He can make \_\_\_\_\_ pizzas.

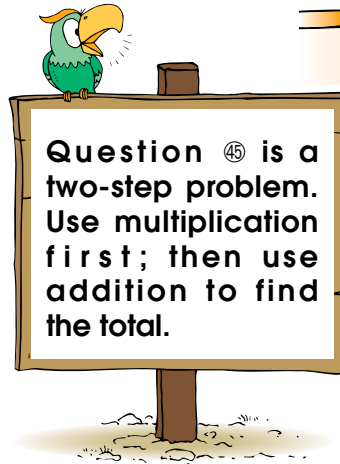
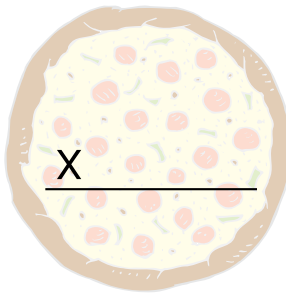
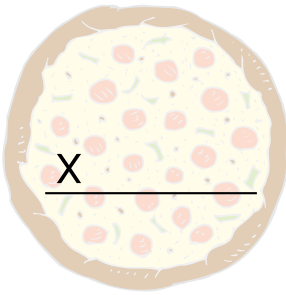


④④ If 325 pizzas are sold every day, how many pizzas will be sold in a week?

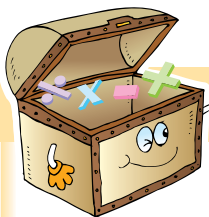
\_\_\_\_\_ pizzas will be sold.



④⑤ If Mrs. Venn buys 15 medium-sized pizzas and 8 large-sized pizzas, how much does she need to pay?



She needs to pay \$ \_\_\_\_\_ .



**A C T I V I T Y**

**Answer the question.**



How many slices of pizza weigh about 800 g?

\_\_\_\_\_ slices of pizza