

Multiplying 2-Digit Numbers

In Focus

A café in New York uses cups and saucers in their interior design.

How many sets of cups and saucers are there?



What do we need to know first? How could you answer the question?

Let's Learn

1 $6 \times 23 =$



10

$6 \times 23 = 23 \times 6$

$$\begin{array}{r} 23 \\ \times 6 \\ \hline \end{array}$$



Multiply the ones.

$$\begin{array}{r} 23 \\ \times 6 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 123 \\ \times 6 \\ \hline 738 \end{array}$$

18
1 ten 8

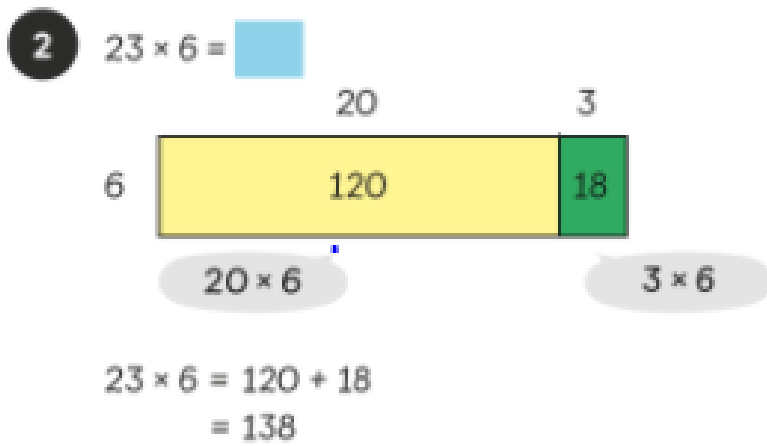


Multiply the tens then add.

$$\begin{array}{r} 123 \\ \times 6 \\ \hline 738 \end{array}$$

$$\begin{array}{r} 23 \\ \times 6 \\ \hline 138 \\ + 120 \\ \hline 138 \end{array}$$

$23 \times 6 = 138$



If you are not sure about this written method of multiplication, have a look at the BBC on the link below:

<https://www.bbc.co.uk/bitesize/articles/zb4gcqt>

Look at the 'Written method of multiplication' section.

Guided Practice

1 Multiply.

(a) $14 \times 8 = \square$

10 **1** **1** **1** **1**

$10 \times 8 = \square$

$4 \times 8 = \square$

$14 \times 8 = \square$

(b) $45 \times 6 = \square$

10 **10** **10** **10** **1** **1** **1** **1** **1**

$40 \times 6 = \square$

$5 \times 6 = \square$

$45 \times 6 = \square$

2 Multiply.

(a) $18 \times 6 = \square$

		1	8
x			6
<hr/>			
		\square	\square
+		\square	\square
<hr/>			
	\square	\square	\square
<hr/>			

(b) $3 \times 49 = \square$

$3 \times 49 = 49 \times 3$



		4	9
x			3
<hr/>			
		\square	\square
+		\square	\square
<hr/>			
	\square	\square	\square
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3 Multiply.

(a) $12 \times 7 = \square$

	1	2
x		7
<hr/>		
<hr/>		

(b) $9 \times 23 = \square$

$9 \times 23 = 23 \times 9$



	2	3
x		9
<hr/>		
<hr/>		

4 Find the product of 76×2 .

Worksheet 7

Multiplying 2-Digit Numbers


1 Multiply.

(a) $37 \times 4 =$

$7 \times 4 =$

$30 \times 4 =$

+ =



$$\begin{array}{r} 37 \\ \times 4 \\ \hline \\ + \\ \hline \\ \hline \end{array}$$

(b) $56 \times 7 =$

$6 \times 7 =$

$50 \times 7 =$

+ =



$$\begin{array}{r} 56 \\ \times 7 \\ \hline \\ + \\ \hline \\ \hline \end{array}$$

(c) $38 \times 8 =$

$8 \times 8 =$

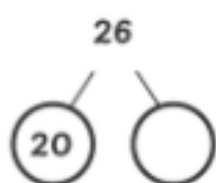
$30 \times 8 =$

+ =


$$\begin{array}{r} 38 \\ \times 8 \\ \hline \\ + \\ \hline \\ \hline \end{array}$$

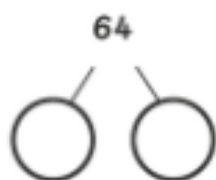
2 Fill in the blanks.

(a) $26 \times 9 = \square$
 $\square \times 9 = \square$
 $\square \times 9 = \square$
 $\square + \square = \square$



$$\begin{array}{r} 26 \\ \times 9 \\ \hline \\ + \\ \hline \\ \hline \end{array}$$

(b) $64 \times 5 = \square$
 $\square \times 5 = \square$
 $\square \times 5 = \square$
 $\square + \square = \square$



$$\begin{array}{r} 64 \\ \times 5 \\ \hline \\ + \\ \hline \\ \hline \end{array}$$

3 Multiply.

(a) $18 \times 2 = \square$
 (c) $4 \times 29 = \square$
 (e) $43 \times 5 = \square$
 (g) $7 \times 53 = \square$
 (i) $23 \times 9 = \square$

(b) $3 \times 25 = \square$
 (d) $32 \times 6 = \square$
 (f) $56 \times 4 = \square$
 (h) $8 \times 66 = \square$
 (j) $89 \times 8 = \square$

Worksheet 7

Multiplying 2-Digit Numbers


1 Multiply.

(a) $37 \times 4 =$

$7 \times 4 =$

$30 \times 4 =$

+ =



$$\begin{array}{r} 37 \\ \times 4 \\ \hline 148 \end{array}$$

(b) $56 \times 7 =$

$6 \times 7 =$

$50 \times 7 =$

+ =



$$\begin{array}{r} 56 \\ \times 7 \\ \hline 392 \end{array}$$

(c) $38 \times 8 =$

$8 \times 8 =$

$30 \times 8 =$

+ =


$$\begin{array}{r} 38 \\ \times 8 \\ \hline 304 \end{array}$$

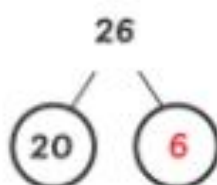
2 Fill in the blanks.

(a) $26 \times 9 = \boxed{234}$

$\boxed{6} \times 9 = \boxed{54}$

$\boxed{20} \times 9 = \boxed{180}$

$\boxed{180} + \boxed{54} = \boxed{234}$



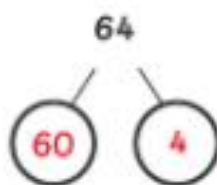
$$\begin{array}{r} 26 \\ \times 9 \\ \hline 54 \\ + 180 \\ \hline 234 \end{array}$$

(b) $64 \times 5 = \boxed{320}$

$\boxed{4} \times 5 = \boxed{20}$

$\boxed{60} \times 5 = \boxed{300}$

$\boxed{300} + \boxed{20} = \boxed{320}$



$$\begin{array}{r} 64 \\ \times 5 \\ \hline 20 \\ + 300 \\ \hline 320 \end{array}$$

3 Multiply.

(a) $18 \times 2 = \boxed{36}$

(b) $3 \times 25 = \boxed{75}$

(c) $4 \times 29 = \boxed{116}$

(d) $32 \times 6 = \boxed{192}$

(e) $43 \times 5 = \boxed{215}$

(f) $56 \times 4 = \boxed{224}$

(g) $7 \times 53 = \boxed{371}$

(h) $8 \times 66 = \boxed{528}$

(i) $23 \times 9 = \boxed{207}$

(j) $89 \times 8 = \boxed{712}$