## Multiplying 2-Digit Numbers



How many are there in 8 boxes?

## We are going to look at 3 different methods of solving this problem.

## Let's Learn

Method 1 is really easy if you know your 8 or 11 times table!

## Method 1

I know it. It's 88.



This is a different way of looking at method 3.
2. $23 \times 3=$

23

$\begin{aligned} 23 \times 3 & =60+9 \\ & =\square\end{aligned}$


20
$+60$


## Guided Practice

Use the pictures to help you with the guided practice questions.

1 Multiply.
$12 \times 4=$


2 Find the product of 43 and 2.
$43 \times 2=$


3 Find the value of $34 \times 2$.


4 Multiply.
(a) $3 \times 31=$
(b) $41 \times 2=$

## Worksheet 6

Multiplying 2-Digit Numbers
1 Multiply.
(a) $12 \times 3=\square$

## III III III III III III 'III III III 'III III III



- 5 •e

(c) $22 \times 4=\square$

| 20 | 2 |
| :---: | :---: |
| 20 | 2 |
| 20 | 2 |
| 20 | 2 |



2 Sam and Amira found the product of 41 and 2 in two different ways.


Use their methods to find the product of 23 and 3.

Sam's method


Amira's method


3 Multiply.
(a) $31 \times 3=\square$
(b) $4 \times 21=$ $\square$
(c) $34 \times 2=$ $\square$
(d) $2 \times 22=$ $\square$
(e) $14 \times 2=$ $\square$
(f) $32 \times 2=$ $\square$
(g) $3 \times 33=$

(h) $2 \times 43=$ $\square$
(i) $51 \times 2=$ $\square$
(j) $42 \times 2=$
$\square$

## Extension

Have a go at this journal activity

Here are three incorrect multiplications.

|  | $\mathbf{T}$ | $\mathbf{0}$ |
| :---: | :---: | :---: |
|  | 6 | 1 |
| $\mathbf{x}$ |  | 5 |
|  | 3 | 5 |


|  | $\mathbf{T}$ | $\mathbf{O}$ |
| :---: | :---: | :---: |
|  | 7 | 4 |
| $\times$ |  | 7 |
| 4 | 9 | 8 |


|  | $\mathbf{T}$ | $\mathbf{O}$ |
| :---: | :---: | :---: |
|  | 2 | 6 |
| $\times$ |  | 4 |
| 8 | 2 | 4 |

Correct the multiplications.

## Worksheet 6

Multiplying 2-Digit Numbers
1 Multiply.
(a) $12 \times 3=\square 36$
//7/ $/ / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / / \mathrm{I} / \mathrm{m}$

(b) $54 \times 2=108$

(c) $22 \times 4=88$

| $\mathbf{2 0}$ | $\mathbf{2}$ |
| :--- | :--- |
| 20 | 2 |
| 20 | 2 |
| 20 | 2 |



2 Sam and Amira found the product of 41 and 2 in two different ways.


Use their methods to find the product of 23 and 3.
Sam's method
Amira's method


3 Multiply.
(a) $31 \times 3=93$
(b) $4 \times 21=84$
(c) $34 \times 2=$

(d) $2 \times 22=44$
(e) $14 \times 2=28$
(f) $32 \times 2=64$
(g) $3 \times 33=$

(h) $2 \times 43=86$
(i) $51 \times 2=102$
(j) $42 \times 2=84$

