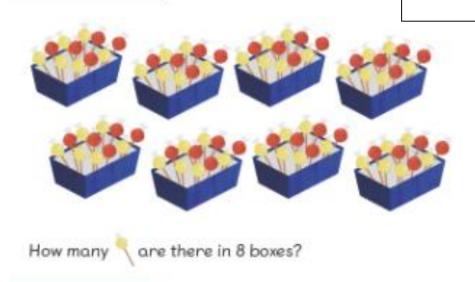
Multiplying 2-Digit Numbers

In Focus

What do we need to know to work out this answer?



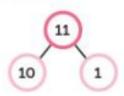
We are going to look at 3 different methods of solving this problem.

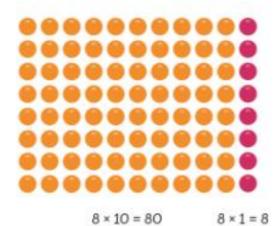


Method 1 is really easy if you know your 8 or 11 times table!

Method 2 partitions 11 into 10 and 1 to make it easier to work out.

Method 2



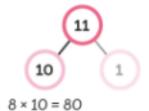


Method 3 uses a written method, multiplying by ones then tens.

Method 3

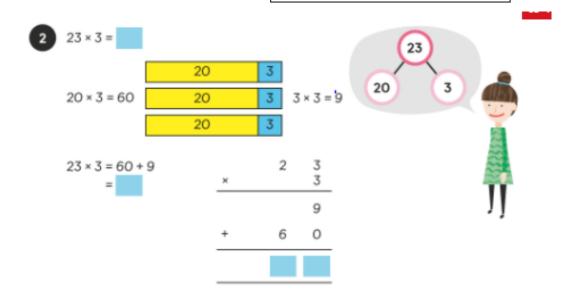
8 × 11 =





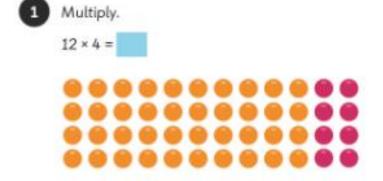


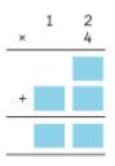
This is a different way of looking at method 3.



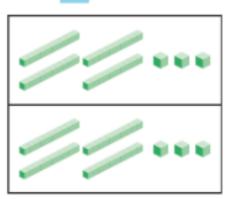
Use the pictures to help you with the guided practice questions.

Guided Practice





Find the product of 43 and 2.



ı

Find the value of 34 × 2.



10

10

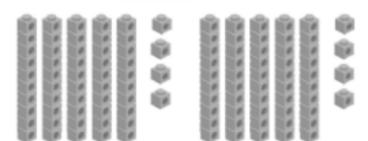
0	10	1	1	1	1
0	10	0	0	A	A

Multiply.

Worksheet 6

Multiplying 2-Digit Numbers





	5	4
×		2

20	2
20	2
20	2
20	2

	2	2
×		4

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

41



	_
£53.	+

×		2
		2
+	8	0
	8	2

4

2 3 3

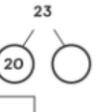
1

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

Sam's method

Amira's method





		×
66		
E)	+	
360		

3 Multiply.

Extension

Have a go at this journal activity

Here are three incorrect multiplications.

	T	0
	6	1
×		5
	3	5

	Т	0
	7	4
×		7
4	9	8

	T	0
	2	6
×		4
8	2	4

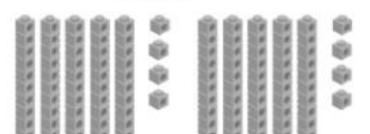
Correct the multiplications.

Worksheet 6

Multiplying 2-Digit Numbers

1 Multiply.

+	3	0
	3	6
		3



		5	4
	×		2
			8
+	1	0	0
	1	0	8

1

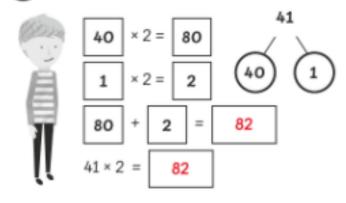
2

3

20	2
20	2
20	2
20	2

		8	8
*		8	0
			8
		4	
		2	2

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

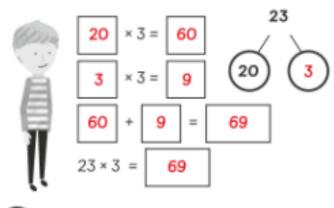


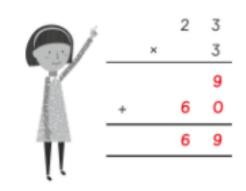


Use their methods to find the product of 23 and 3.

Sam's method

Amira's method





3 Multiply.