

Multiplying 2-Digit Numbers

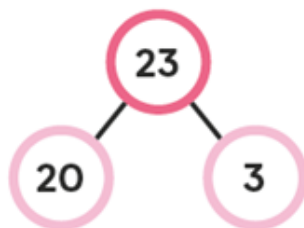
Lesson 3

In Focus

There are 23 children in a class.
How many children are there in 2 classes?



Let's Learn



Step 1 Multiply the ones by 2.

$$3 \text{ ones} \times 2 = 6 \text{ ones}$$

Step 2 Multiply the tens by 2.

$$2 \text{ tens} \times 2 = 4 \text{ tens}$$

Step 3 Add the products.

$$6 + 40 = 46$$

$$23 \times 2 = 46$$

There are 46 children in the 2 classes.

	t	o
	2	3
x		2
<hr/>		
		6
<hr/>		

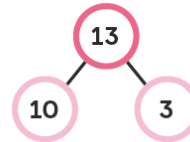
	t	o
	2	3
x		2
<hr/>		
		6
	4	0
<hr/>		

	t	o
	2	3
x		2
<hr/>		
		6
+	4	0
<hr/>		
	4	6
<hr/>		

Guided Practice

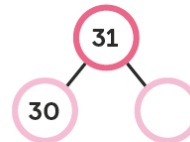
Multiply.

1 $13 \times 3 =$



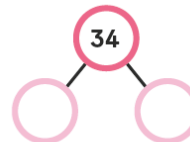
	t	o
	1	3
x		3
+		

2 $31 \times 3 =$



	t	o
	3	1
x		3
+		

3 $34 \times 2 =$



	t	o
	3	4
x		2
+		

4 Find the product of 2 and 41.

Worksheet 3

Multiplying 2-Digit Numbers

1 Multiply.

(a) $14 \times 2 = \square$

	t	o
	1	4
×		2
<hr/>		
+		
<hr/>		
<hr/>		

(b) $23 \times 3 = \square$

	t	o
	2	3
×		3
<hr/>		
+		
<hr/>		
<hr/>		

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

	t	o
	2	2
×		4
<hr/>		
+		
<hr/>		
<hr/>		

(d) $43 \times 2 = \square$

	t	o
	4	3
×		2
<hr/>		
+		
<hr/>		
<hr/>		

Worksheet 3

Multiplying 2-Digit Numbers

1 Multiply.

(a) $14 \times 2 = \boxed{28}$

	t	o	
	1	4	
x		2	
<hr/>			
		8	
+	2	0	
<hr/>			
	2	8	
<hr/>			

(b) $23 \times 3 = \boxed{69}$

	t	o	
	2	3	
x		3	
<hr/>			
		9	
+	6	0	
<hr/>			
	6	9	
<hr/>			

(c) $22 \times 4 = \boxed{88}$

	t	o	
	2	2	
x		4	
<hr/>			
		8	
+	8	0	
<hr/>			
	8	8	
<hr/>			

(d) $43 \times 2 = \boxed{86}$

	t	o	
	4	3	
x		2	
<hr/>			
		6	
+	8	0	
<hr/>			
	8	6	
<hr/>			

Complete the following:

1.) $3 \times \square = 12$

2.) $4 \times \square = 20$

3.) $\square \times 3 = 15$

4.) $8 \times \square = 24$

Use $<$, $>$ or $=$ to compare these calculations.

32×3 \square 22×4

Putting the digits 1, 2 and 3 in the empty boxes, how many different calculations can you make?

$\square \square \times \square = ?$

Which one gives the largest answer?
Which one gives the smallest answer?

Complete the following:

1.) $3 \times 4 = 12$

2.) $4 \times 5 = 20$

3.) $5 \times 3 = 15$

4.) $8 \times 3 = 24$

Use $<$, $>$ or $=$ to compare these calculations.

32×3 $>$ 22×4

Putting the digits 1, 2 and 3 in the empty boxes, how many different calculations can you make? *6 different calculations.*

$\square \square \times \square = ?$

$12 \times 3 = 36$ $31 \times 2 = 62$

$13 \times 2 = 26$ $32 \times 1 = 32$

$21 \times 3 = 63$

$23 \times 1 = 23$

Which one gives the largest answer? $21 \times 3 = 63$

Which one gives the smallest answer? $23 \times 1 = 23$

Attachments

MSOfficePNG.png