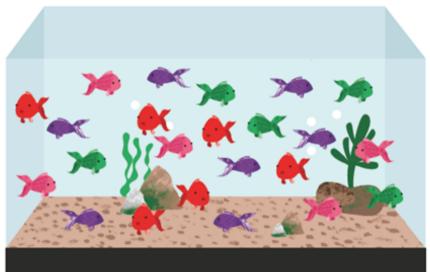
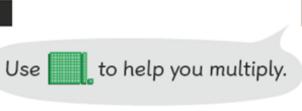
Multiplying with Regrouping

Lesson 4

In Focus

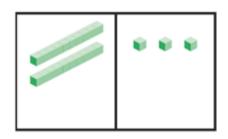


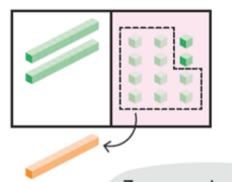
One tank has 23 fish. How many fish are there in 4 tanks?



Let's Learn

1 There are 4 groups of 23 fish. How do we multiply 23 by 4?



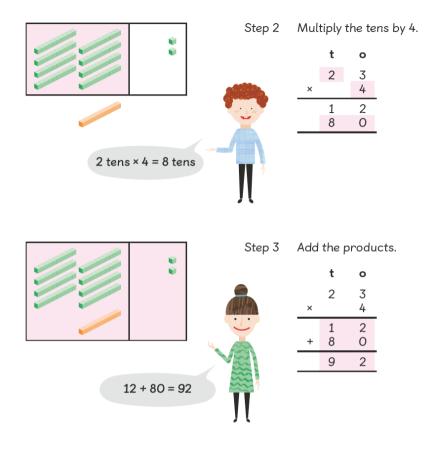


3 ones \times 4 = 12 ones 12 ones = 1 ten 2 ones



Step 1	Multiply	y the	ones	by	4.
--------	----------	-------	------	----	----

	t	0
	2	3
×		4
	1	2



 $23 \times 4 = 92$

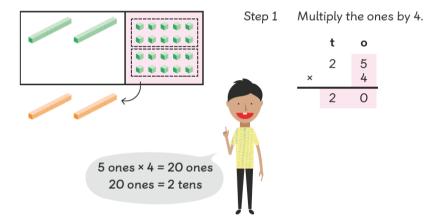
There are 92 fish in 4 tanks.

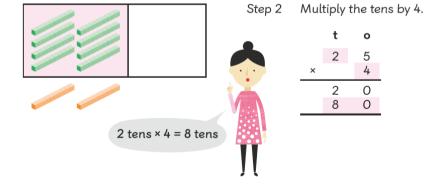


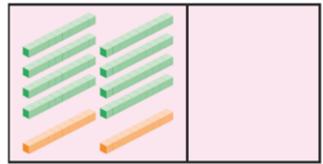
Method 1

This is 25.









 $25 \times 4 = 100$

Method 2

 $25 \times 4 = 100$

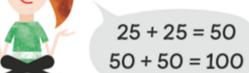


Step 3 Add the products.

0

Bib	×		2	5 4
	+		2 8	0
		1	0	0

20 + 80 = 100

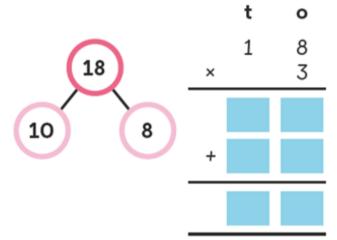


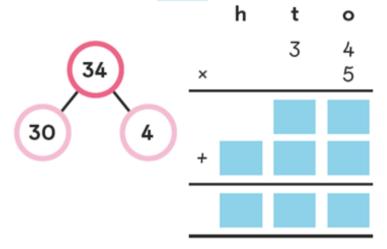
Guided Practice

1 Multiply.

(a) 18 × 3 =

(b) 34 × 5 =





- 2 Find the product of
 - (a) 29 and 4

(b) 8 and 16

(c) 57 and 2

Complete Worksheet 4 • Page 120

Worksheet 4

Multiplying with Regrouping

Multiply.

	_		
	h	t	0
		6	5 2
×			2
_			

	- "		0
		4	5
×			3
+			

	h	t	0
		t 3	8 4
×			4
+			

		h	t	0
			2	7 8
	×			8
	+			
-		\equiv		

Worksheet 4

Multiplying with Regrouping

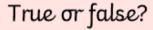
Multiply.

	-	h	t	0
			6	o 5 2
×				2
			1	0
+	1	ı [2	0
	1	1	3	0

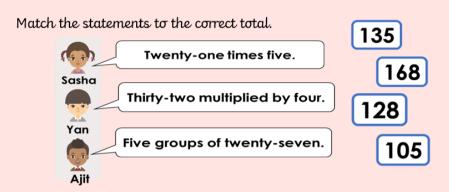
	h	t	0
		4	o 5 3
×			3
		1	5
+	1	2	0
	1	3	5

	h	t	0
		t 3	8
×			4
		3	2
+	1	2	0
	1	5	2

	h	t	0
		2	o 7 8
×			8
		_	
		5	6
+ [1	6	0
	$\overline{}$		
	2	1	6



 $126 = 43 \times 3$



There are 24 pencils in a packet. Mr Lund buys 8 packets.



How many pencils does Mr Lund have?

True or false?

$$126 = 43 \times 3$$

False, $43 \times 3 = 129$

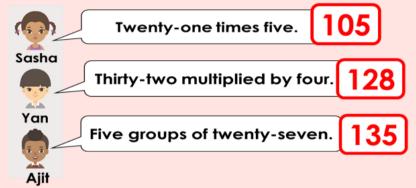
There are 24 pencils in a packet. Mr Lund buys 8 packets.



 $24 \times 8 = 192$

How many pencils does Mr Lund have?

Match the statements to the correct total.



1.) True or false?

False, $43 \times 3 = 129$

2.) Chloe multiplies a 2-digit number by a 1-digit number. The total is 136.

Chloe used 34 and 4. 34 x 4 = 136

Which numbers did she use?

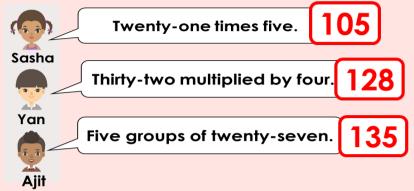
3.) There are 24 pencils in a packet. Mr Lund buys 8 packets.



$$24 \times 8 = 192$$

How many pencils does Mr Lund have?

4.) Match the statements to the correct total.



5.) Alex's teacher asks him to find the mistake so that he can correct it.

f H f T f O Find and explain the mistake to

help Alex.

x 4 1 2 6

Alex has not added the ten he exchanged from the ones column.

The correct answer is 136.