WALT: Can I multiply a 2-digit number by a 1-digit number?

Lesson 2 – Week 1

Warm up!

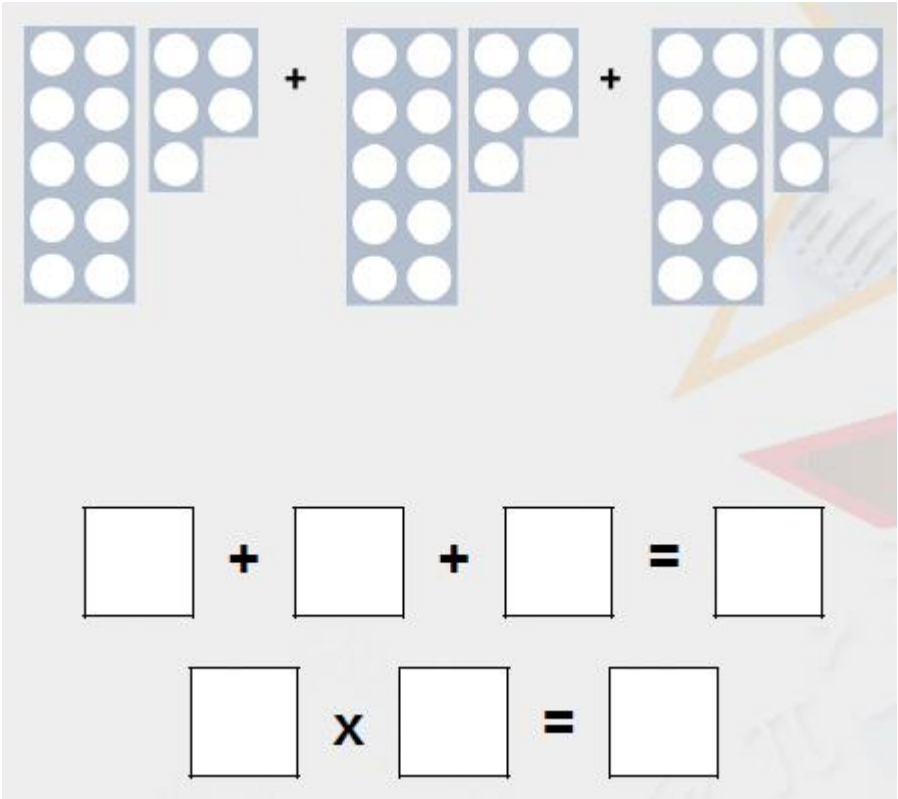
Match the repeated addition to the multiplication number sentences. Think about how many lots of each number there are.

10 + 10 + 10	12 x 3
9 + 9 + 9 + 9 + 9	10 x 3
12 + 12 + 12	2 x 4
2 + 2 + 2 + 2	5 x 9

What is this image representing?

Count each circle and write down the repeated addition, then what is that as a multiplication number sentence?

How many lots of that number are there?



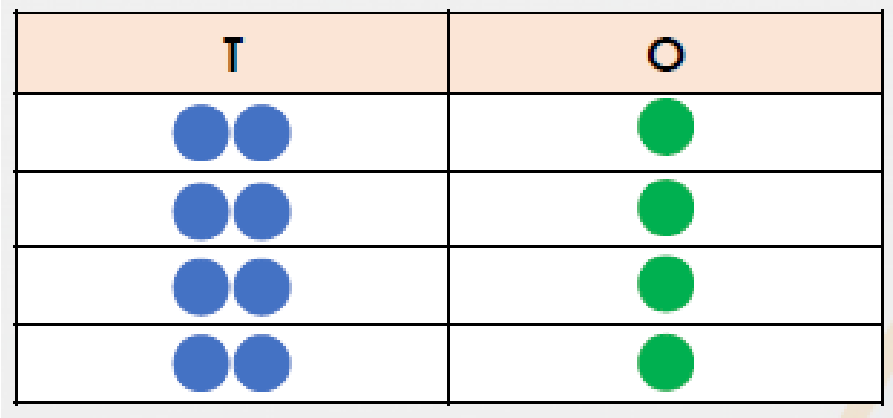
What's the number sentence?

How many rows are there?

What number is represented in each row. Remember to look at the tens and the ones column.

How many tens are in the top row? How many ones are in the top row? So what is that number?

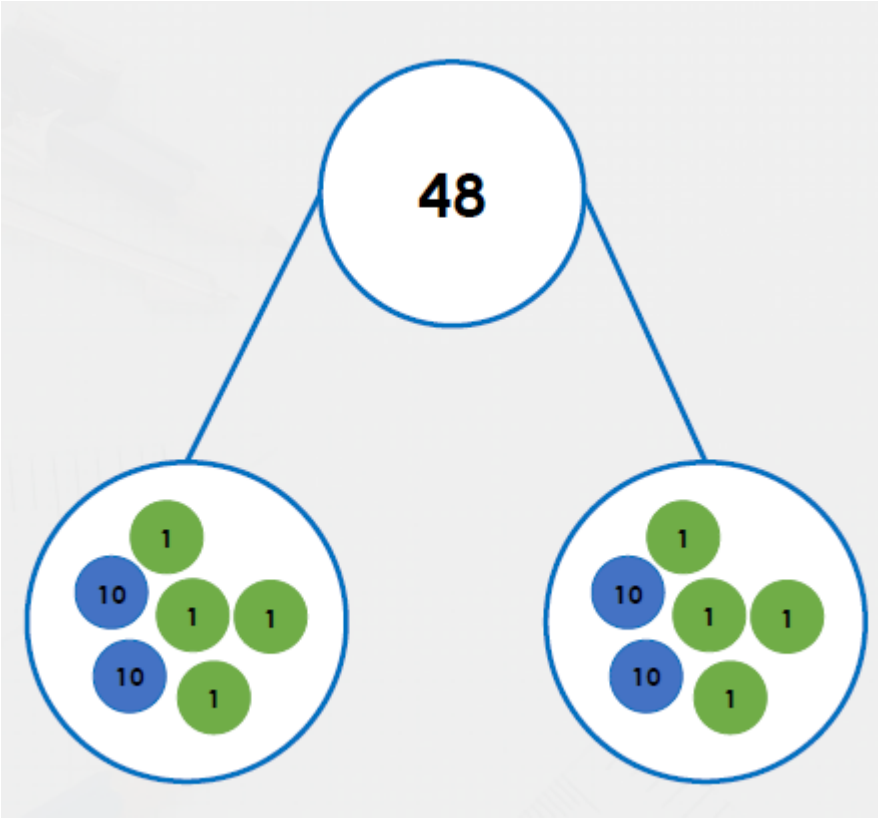
Then, how many lots of that number is there? Count the rows!



True or false?

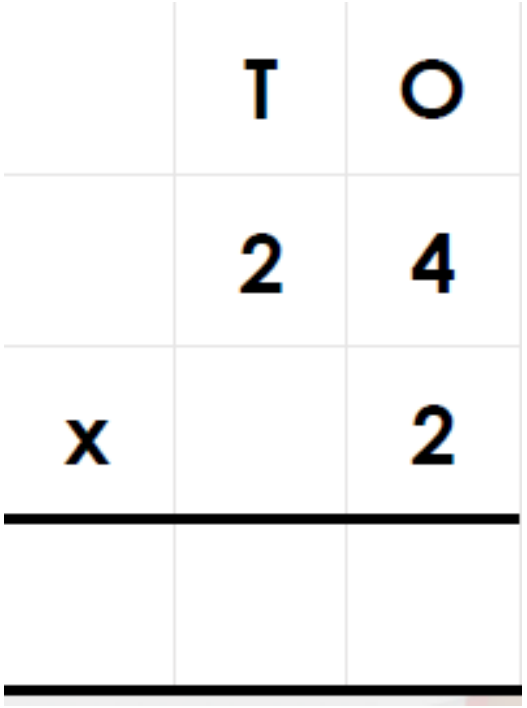
24 x 2 = 48

Use the part whole model below to check if that number sentence is correct.



Can you use this method?

If you can't remember watch this video below to remind yourself.

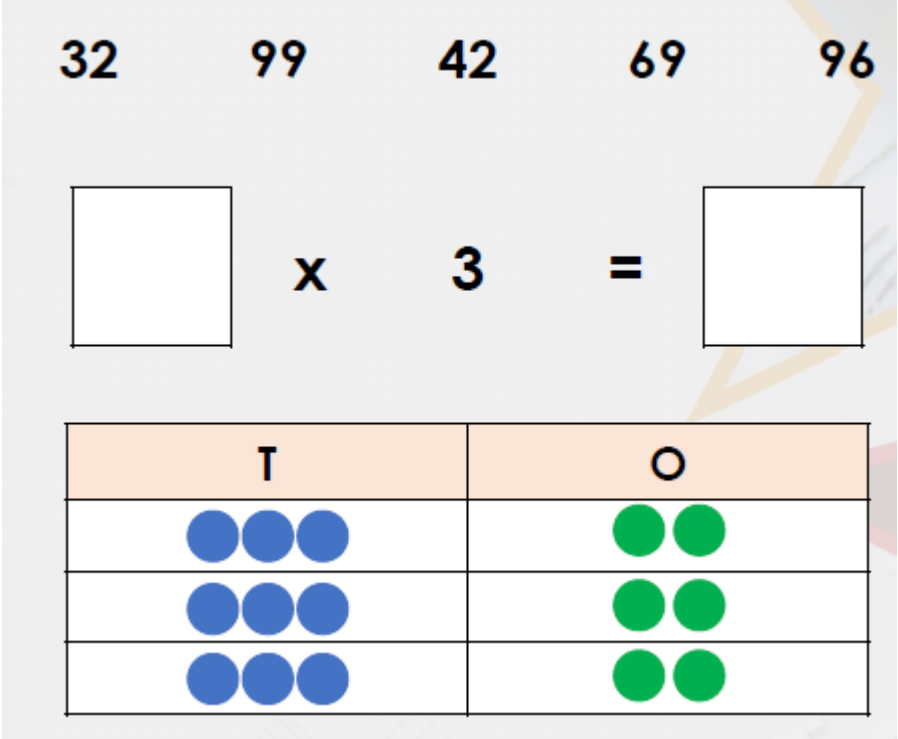


https://www.youtube.com/watch?v=4ihbVT11xmU

Use the numbers below to complete the calculation.

Remember to count the tens and then the ones on the top row.

How many lots of that number are there?



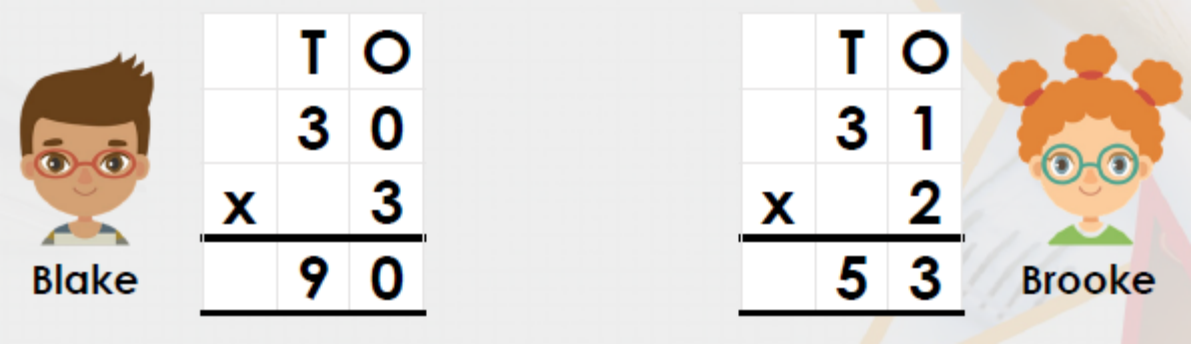
THEN, to work out the answer make sure you count all the tens and all the ones!

Reasoning and Problem Solving

Blake and Brooke have solved the following multiplications.

Are they correct?

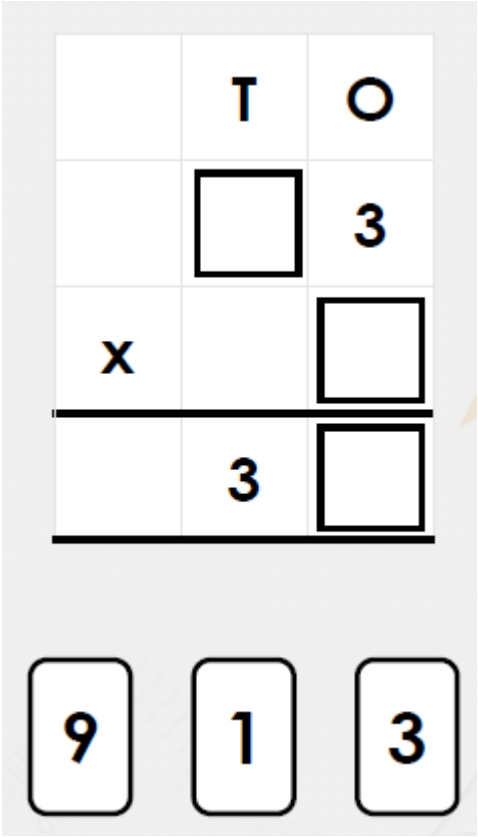
Explain how you know. So, work them out and check their answers.



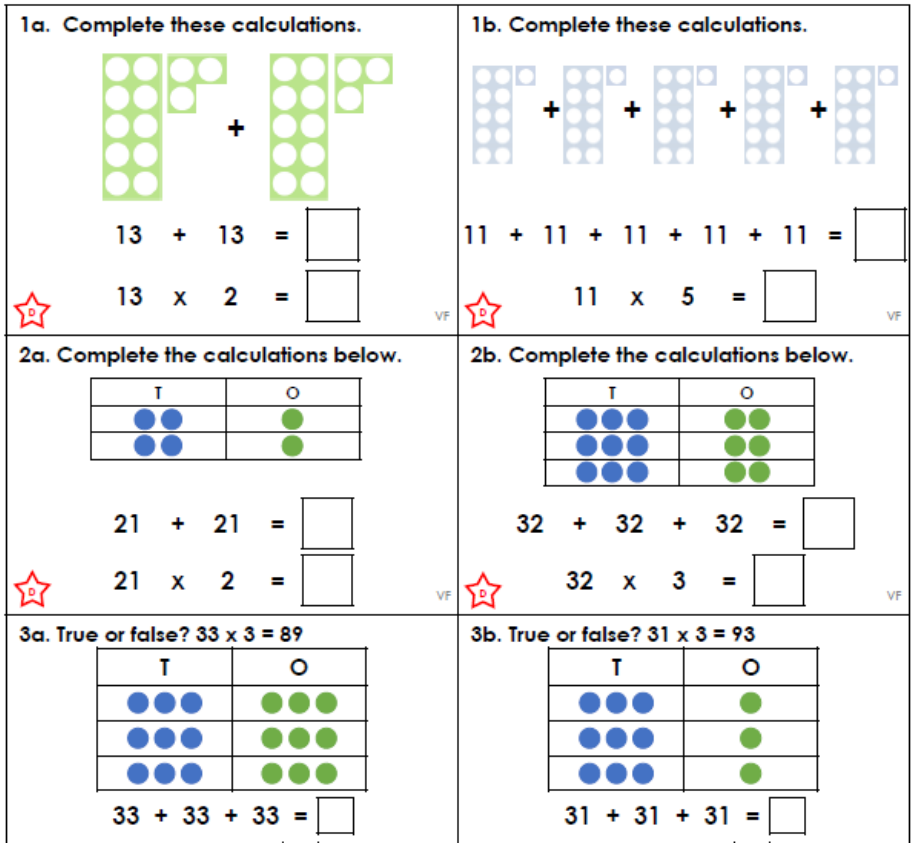
Have a go at this!

Remember to start in the ones column. Try using all the different numbers below.

3 multiplied by something will give you one of the digits below.



Now have a go at the sheets in your pack!



1a. Complete these calculations.

13 + 13 = ☐

13 x 2 = ☐

1b. Complete these calculations.

11 + 11 + 11 + 11 + 11 = ☐

11 x 5 = ☐

2a. Complete the calculations below.

T	O
●●	●
●●	●

21 + 21 = ☐

21 x 2 = ☐

2b. Complete the calculations below.

T	O
●●●	●●
●●●	●●
●●●	●●

32 + 32 + 32 = ☐

32 x 3 = ☐

3a. True or false? 33 x 3 = 89

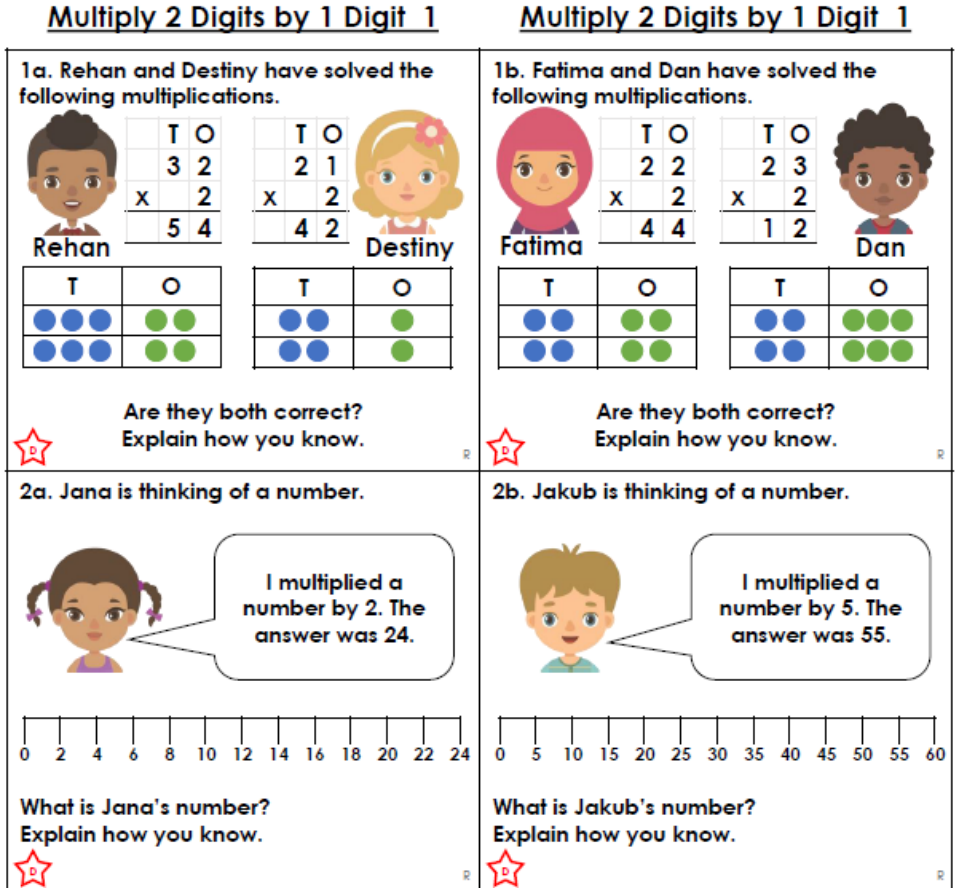
T	O
●●●	●●●
●●●	●●●
●●●	●●●

33 + 33 + 33 = ☐

3b. True or false? 31 x 3 = 93

T	O
●●●	●
●●●	●
●●●	●

31 + 31 + 31 = ☐



Multiply 2 Digits by 1 Digit 1

1a. Rehan and Destiny have solved the following multiplications.

Rehan

	T	O
	3	2
x		2
	5	4

Destiny

	T	O
	2	1
x		2
	4	2

T	O
●●●	●●
●●●	●●

T	O
●●	●
●●	●

Are they both correct?
Explain how you know.

Multiply 2 Digits by 1 Digit 1

1b. Fatima and Dan have solved the following multiplications.

Fatima

	T	O
	2	2
x		2
	4	4

Dan

	T	O
	2	3
x		2
	1	2

T	O
●●	●●
●●	●●

T	O
●●	●●●
●●	●●●

Are they both correct?
Explain how you know.

2a. Jana is thinking of a number.

I multiplied a number by 2. The answer was 24.

0 2 4 6 8 10 12 14 16 18 20 22 24

What is Jana's number?
Explain how you know.

2b. Jakub is thinking of a number.

I multiplied a number by 5. The answer was 55.

0 5 10 15 20 25 30 35 40 45 50 55 60

What is Jakub's number?
Explain how you know.