Dear Parents/Carers,
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

Consolidation of multiplication and division

1.7.20

1.7.20

LO: I can multiply 2 digit number by 1 digit number

Steps To Success

Starter

Match the multiplication to the repeated addition.

10 + 10 + 10

9 + 9 + 9 + 9 + 9

12 + 12 + 12

2 + 2 + 2 + 2

12 x 3
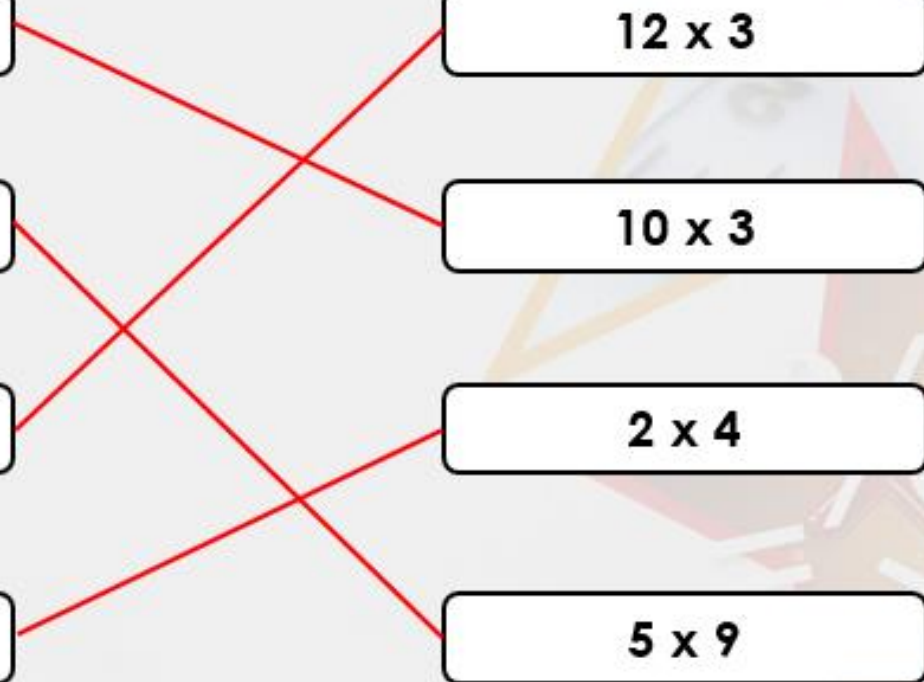
10 x 3

2 x 4

5 x 9

Remember, repeated addition is the same as multiplication.

Starter - answer

Match the multiplication to the repeated addition.

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

Descriptive Teaching

Write the calculation in your book

Descriptive Teaching - Answer

Descriptive Doing

Complete the calculation.

T	O
●●	●
●●	●
●●	●
●●	●

21 x 4 = ☐

Descriptive Doing - Answer

Complete the calculation.

T	O
●● ●	●
●● ●	●
●● ●	●
●● ●	●

21 x 4 = **84**

Reflective Teaching

True or false? 24 x 1 = 24

	T	O
	2	4
x		1

Write the calculation in your book.

Reflective Teaching - Answers

True or false? 24 x 1 = 24

	T	O
	2	4
x		1
	2	4

True

Reflective Doing

Use <, > or = to compare these calculations.

32×3 ☐ 22×4

12×3 ☐ 42×2

Use the column method to work out the answers. Compare the calculations with the correct symbol.

Reflective Doing - Answers

Use <, > or = to compare these calculations.
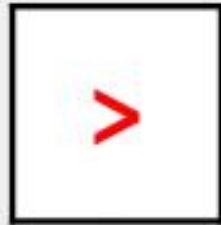
32×3 > 22×4
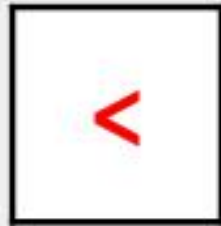
12×3 < 42×2

Independent work

The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.

Independent work

1a. Complete these calculations.
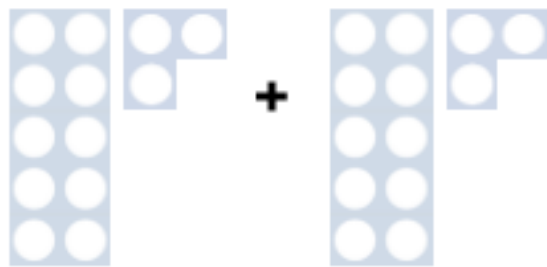
$$13 + 13 = \boxed{}$$

$$13 \times 2 = \boxed{}$$

3 VF

1b. Complete these calculations.
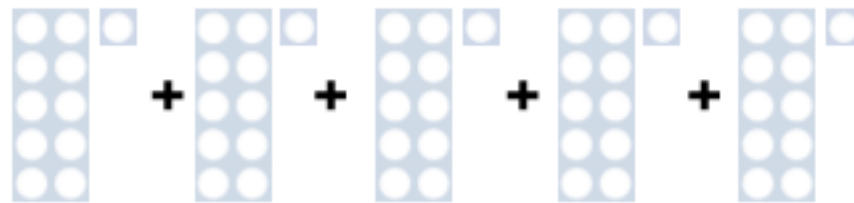
$$11 + 11 + 11 + 11 + 11 = \boxed{}$$

$$11 \times 5 = \boxed{}$$

3 VF

Independent work

2a. Complete this calculation.

T	O
●●	●
●●	●

$$21 \quad \times \quad 2 \quad = \quad \boxed{}$$

3 VF

2b. Complete this calculation.

T	O
●●●	●●
●●●	●●
●●●	●●

$$32 \quad \times \quad 3 \quad = \quad \boxed{}$$

3 VF

Independent work

3a. True or false? 33 x 3 = 89	3b. True or false? 31 x 3 = 93

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

	T	O
	3	3
x		3

3   VF

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

	T	O
	3	1
x		3

3   VF

Independent work

4a. Use <, > or = to compare these calculations.

$$31 \times 2 \quad \boxed{\phantom{<}} \quad 21 \times 3$$

$$22 \times 2 \quad \boxed{\phantom{<}} \quad 12 \times 3$$

4b. Use <, > or = to compare these calculations.

$$32 \times 3 \quad \boxed{\phantom{<}} \quad 11 \times 5$$
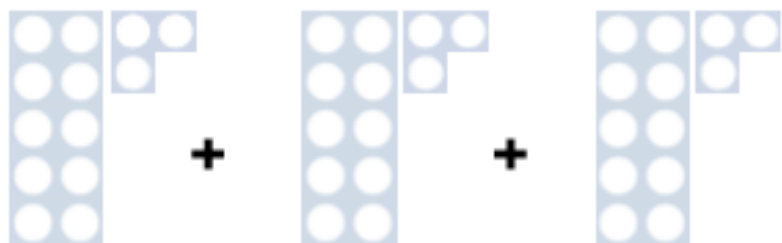
$$22 \times 3 \quad \boxed{\phantom{<}} \quad 2 \times 43$$
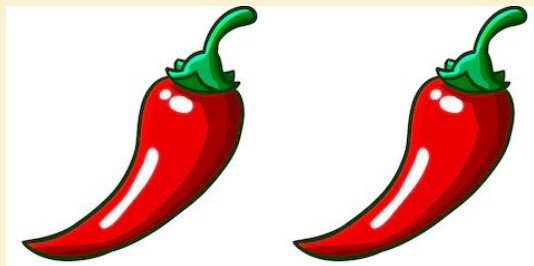
Independent work

5a. Complete these calculations.

$13 + 13 + 13 =$ ☐

$13 \times 3 =$ ☐

5b. Complete these calculations.

$12 + 12 + 12 + 12 =$ ☐

$12 \times 4 =$ ☐
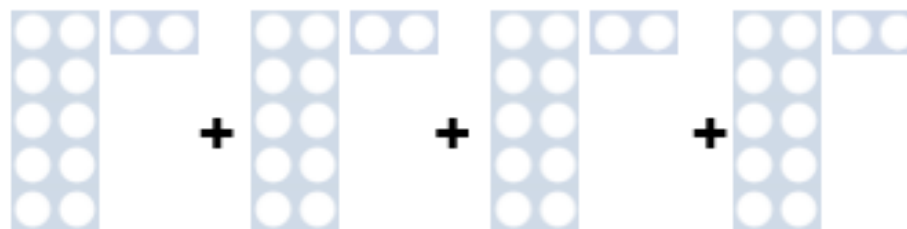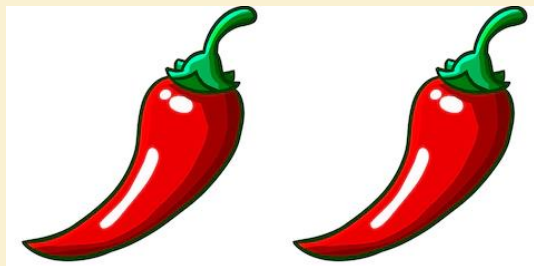
Independent work

6a. Complete this calculation.

T	O
●● ●● ●● ●●	●● ●● ●● ●●

22   x   4   =   ☐

3   VF

6b. Complete this calculation.

T	O
●●● ●●● ●●●	●●● ●●● ●●●

33   x   3   =   ☐

3   VF

Independent work

7a. True or false? 8 x 11 = 88	7b. True or false? 21 x 4 = 81

7a. True or false? 8 x 11 = 88

	T	O
	1	1
x		8
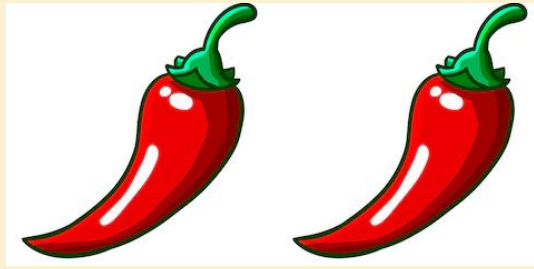
3 VF

7b. True or false? 21 x 4 = 81

	T	O
	2	1
x		4

3 VF
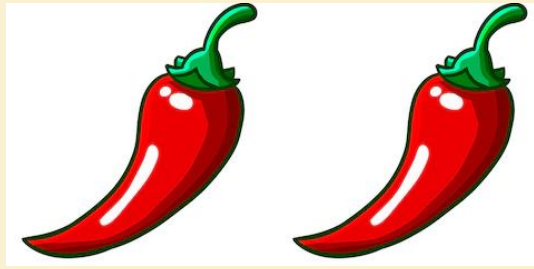
Independent work

8a. Use <, > or = to compare these calculations.

$$31 \times 3 \quad \boxed{} \quad 11 \times 5$$

$$2 \times 14 \quad \boxed{} \quad 12 \times 4$$

8b. Use <, > or = to compare these calculations.

$$22 \times 4 \quad \boxed{} \quad 11 \times 8$$

$$4 \times 11 \quad \boxed{} \quad 12 \times 3$$
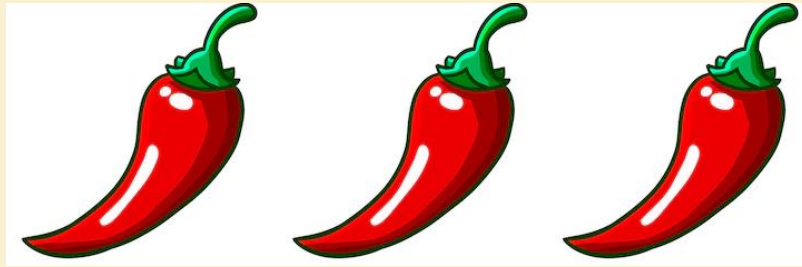
Independent work

9a. Match these calculations.

12 + 12 + 12	14 + 14
14 x 2	13 + 13
13 x 2	12 x 3

9b. Match these calculations.

11 + 11 + 11	11 x 3
12 x 2	13 x 3
13 + 13 + 13	12 + 12

3   VF

3   VF

Independent work
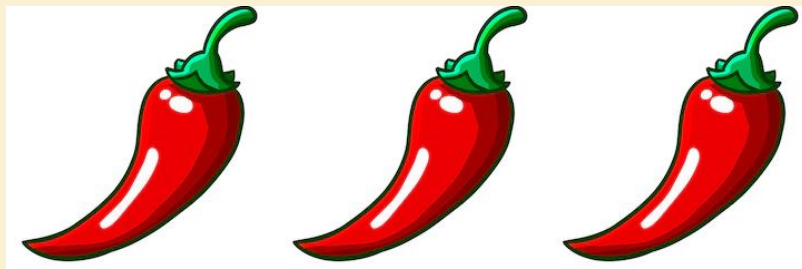
10a. Complete the calculations below.

$\boxed{}$ x 6 = 66

43 x 2 = $\boxed{}$

$\boxed{}$ = 3 x 23

3 VF

10b. Complete the calculations below.

$\boxed{}$ x 2 = 84

4 x 21 = $\boxed{}$

$\boxed{}$ = 3 x 20

3 VF
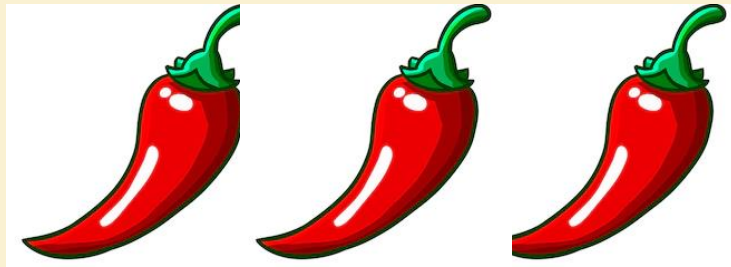
Independent work

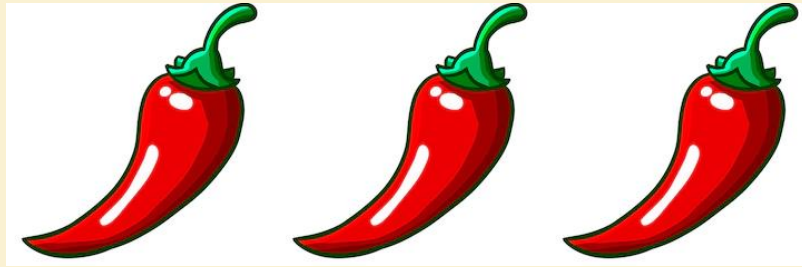| 11a. True or false? 41 x 2 = 84	11b. True or false? 23 x 3 = 96
Work out your answer using column method.	Work out your answer using column method.

Independent work

12a. Use <, > or = to make these number sentences correct.

12 x 6 ☐ 72 ☐ 14 x 2

4 x 20 ☐ 64 ☐ 23 x 3

12b. Use <, > or = to make these number sentences correct.

8 x 10 ☐ 80 ☐ 41 x 2

33 x 3 ☐ 90 ☐ 11 x 6

Answers

Developing

1a. 26, 26
2a. 42
3a. False, 33 x 3 = 99
4a. <, >

Expected

5a. 39, 39
6a. 88
7a. True
8a. >, <

Greater Depth

9a. 12 + 12 + 12 = 12 x 3; 14 x 2 = 14 + 14; 13 x 2 = 13 + 13
10a. 11, 86, 69
11a. False; 41 x 2 = 82
12a. =, > and >, <

Developing

1b. 55, 55
2b. 96
3b. True
4b. >, <

Expected

5b. 48, 48
6b. 99
7b. False; 21 x 4 = 84
8b. =, >

Greater Depth

9b. 11 + 11 + 11 = 11 x 3, 12 x 2 = 12 + 12, 13 + 13 + 13 = 13 x 3
10b. 42, 84, 60
11b. False, 23 x 3 = 69
12b. =, < and >, >

Reflection Time

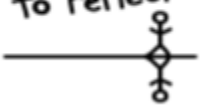Jacob and Julia have solved the following multiplications.

Jacob
$$\begin{array}{r} 3\ 0 \\ \times\quad 3 \\ \hline 9\ 0 \end{array}$$

Julia
$$\begin{array}{r} 3\ 1 \\ \times\quad 2 \\ \hline 5\ 3 \end{array}$$

Are they both correct? Explain how you know.

Take time to reflect

The Learning Pit

Reflection Time - Answers

Jacob and Julia have solved the following multiplications.

Jacob

$$\begin{array}{r} 3\ 0 \\ \times\ \ \ 3 \\ \hline 9\ 0 \end{array}$$

Julia

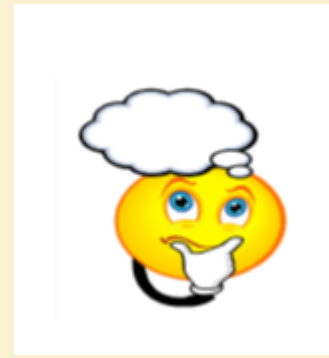$$\begin{array}{r} 3\ 1 \\ \times\ \ \ 2 \\ \hline 5\ 3 \end{array}$$

Are they both correct? Explain how you know.

Jacob is correct. Julia is not correct because she has added the numbers together instead of multiplying them. 31 x 2 = 62.

Take time to reflect

The Learning Pit