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

2.7.20

2.7.20

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

Starter
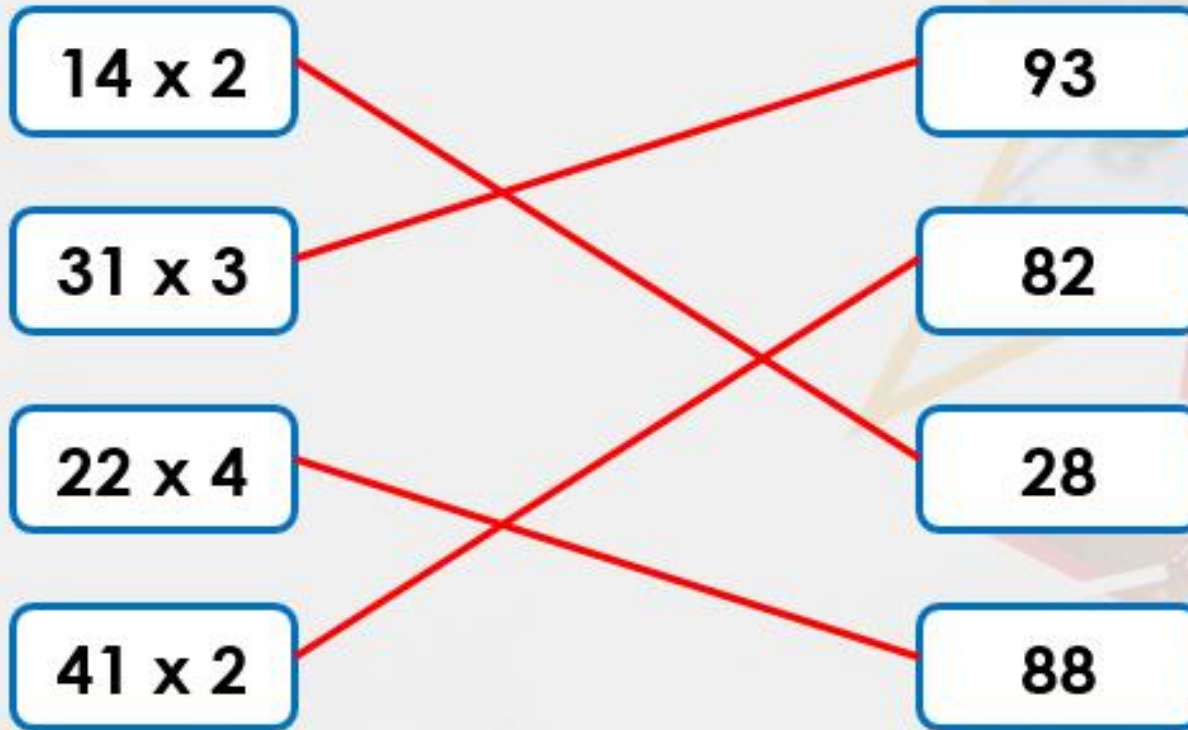

Match the calculation to the correct answer.

14 x 2	93
31 x 3	82
22 x 4	28
41 x 2	88

Use column multiplication to work out the answers.

Starter - answer

Match the calculation to the correct answer.

14 x 2	93
31 x 3	82
22 x 4	28
41 x 2	88

Descriptive Teaching

Use the base 10 in the picture to help you.

Descriptive Teaching - Answer

Use Base 10 to calculate 17 x 4.

Record your calculations using column multiplication.

```
      1   7
  x       4
     _____
      6   8
     _____
      2
```

Descriptive Doing

Draw the missing place value counters and complete the column multiplication to calculate the answer.

$$5 \quad 2$$
$$\times \quad \quad 3$$

Hundreds	Tens	Ones
	10 10 10 10 10	1 1

Draw the table in your book as well as writing the column multiplication.

Descriptive Doing - Answer

Draw the missing place value counters and complete the column multiplication to calculate the answer.

$$\begin{array}{ccc} & 5 & 2 \\ \times & & 3 \\ \hline 1 & 5 & 6 \\ \hline \end{array}$$

Hundreds	Tens	Ones
	10 10 10 10 10	1 1
	10 10 10 10 10	1 1
	10 10 10 10 10	1 1
100	10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1

Reflective Teaching

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

How many pencils does Mr Lund have?

Write the calculation in your book.

Reflective Teaching - Answers

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

How many pencils does Mr Lund have?

24 x 8 = 192

Reflective Doing

True or false?

126 = 43 x 3

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

Reflective Doing - Answers

True or false?

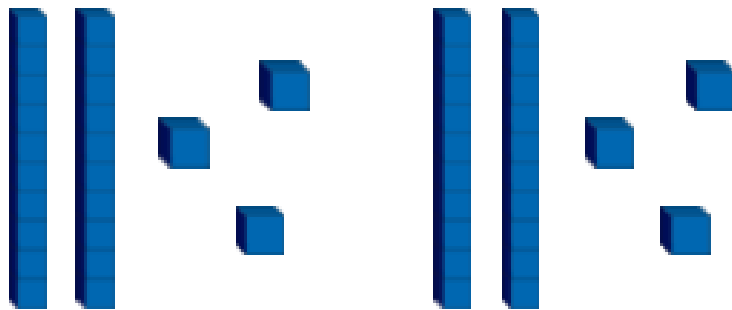126 = 43 x 3

False, 43 x 3 = 129

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. Use Base 10 to calculate 23 x 2.

Record your calculations using column multiplication.

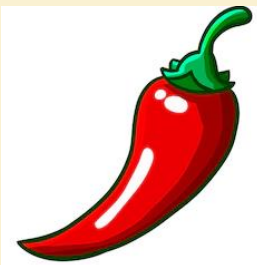1b. Use Base 10 to calculate 21 x 5.

Record your calculations using column multiplication.

Independent work

2a. Draw the missing place value counters and complete the column multiplication to calculate the answer.

$$
\begin{array}{r}
2\ 4 \\
\times\ \ \ 3 \\
\hline
\\
\hline
\end{array}
$$

Hundreds	Tens	Ones
	10 10	1 1 1 1
	10 10	
		1 1 1 1

2b. Draw the missing place value counters and complete the column multiplication to calculate the answer.

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

Hundreds	Tens	Ones
	10 10 10	1 1 1
		1 1 1
	10 10 10	

3 VF

3 VF

Independent work

3a. There are 14 cans of tuna in each box. Mr Hardy buys 2 boxes.

How many cans does Mr Hardy have?

3   VF

3b. There are 11 buns in a pack. Miss Togger buys 5 packs.

How many buns does Miss Togger have?

3   VF

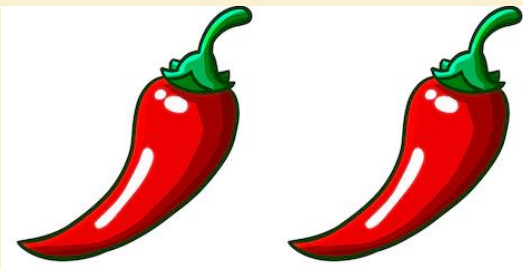# Independent work

4a. True or false?

$$96 = 24 \times 3$$

3 VF

4b. True or false?

$$63 = 21 \times 3$$

3 VF

Independent work

5a. Use Base 10 to calculate 28 x 3.

Record your calculations using column multiplication.
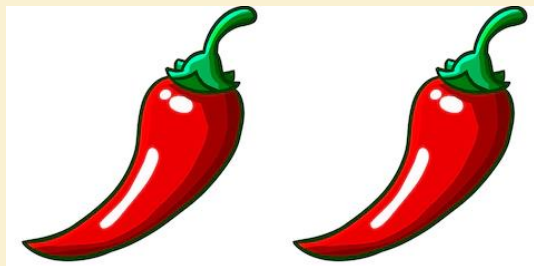
5b. Use Base 10 to calculate 32 x 4.

Record your calculations using column multiplication.

Independent work

6a. Draw the missing place value counters and complete the column multiplication to calculate the answer.

$$\begin{array}{r} 4\ \ 3 \\ \times \qquad 4 \\ \hline \\ \hline \end{array}$$

Hundreds	Tens	Ones
	10 10 10 10	1 1 1

6b. Draw the missing place value counters and complete the column multiplication to calculate the answer.

$$\begin{array}{r} 2\ \ 4 \\ \times \qquad 4 \\ \hline \\ \hline \end{array}$$

Hundreds	Tens	Ones
	10 10	1 1 1 1

3 VF

3 VF
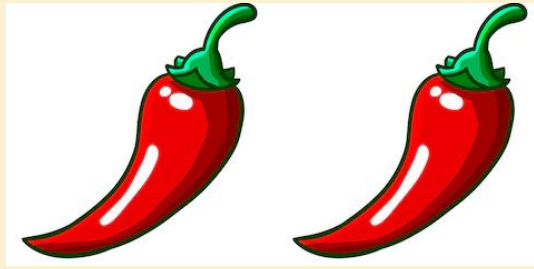
Independent work

7a. There are 32 biscuits in a packet. Miss Platt buys 4 packets.

How many biscuits does Miss Platt have?

E
3 VF

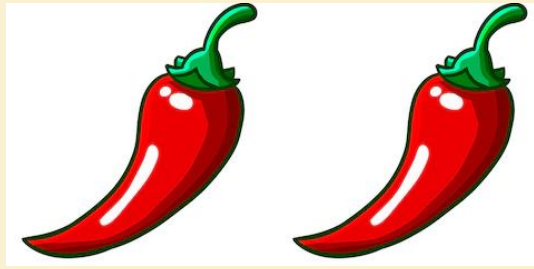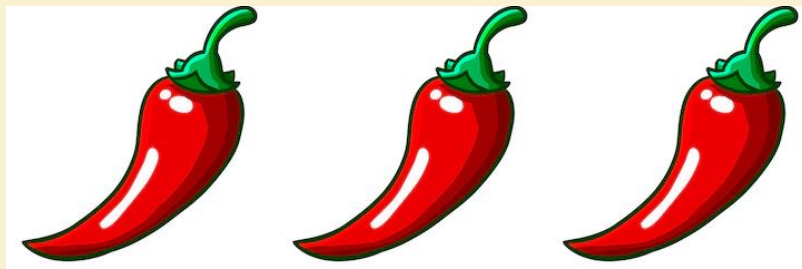7b. There are 85 books in a pack. Mr Smith buys 3 packs.

How many books does Mr Smith have?

E
3 VF

Independent work

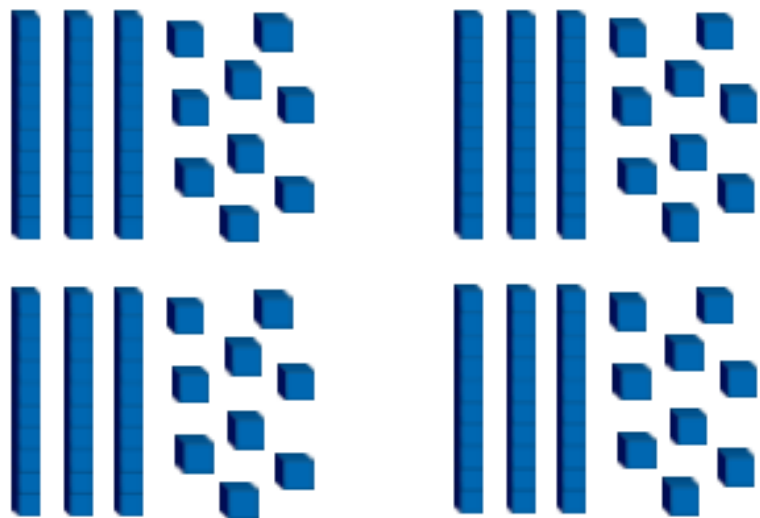| 8a. True or false?	8b. True or false?
180 = 95 x 2	252 = 63 x 4
3 VF	3 VF

Independent work

9a. Use Base 10 to calculate 39 x 4.

Record your calculations using column multiplication.

3 VF

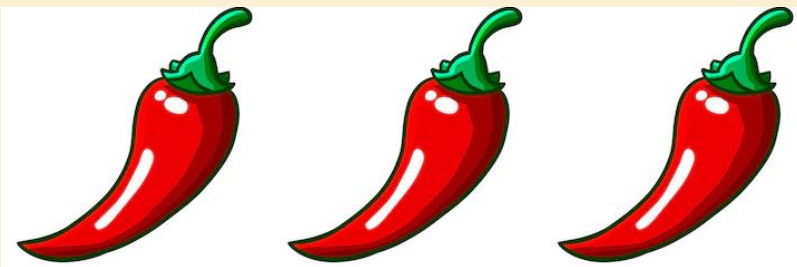**9b.** Use Base 10 to calculate 47 x 3.

Record your calculations using column multiplication.

3 VF

Independent work

10a. Draw the missing place value counters and complete the column multiplication to calculate the answer.

$$\begin{array}{r} 3\ 5 \\ \times\quad 8 \\ \hline \\ \hline \end{array}$$

Use place value counters and a table to help you.

3 VF

10b. Draw the missing place value counters and complete the column multiplication to calculate the answer.
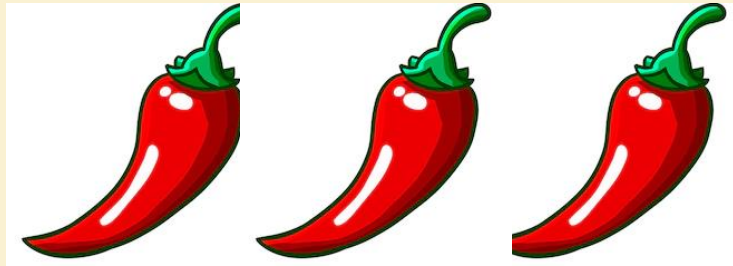
$$\begin{array}{r} 4\ 3 \\ \times\quad 6 \\ \hline \\ \hline \end{array}$$
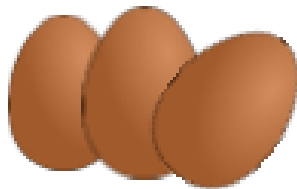
Use place value counters and a table to help you.

3 VF

Independent work

11a. There are 56 eggs in a tray. The baker buys 8 trays. How many eggs does the baker have? GD 3 VF	**11b.** There are 64 pencils in a box. Mrs Myers buys 4 packs. How many pencils does Mrs Myers have? GD 3 VF

Independent work

12a. True or false?

$$372 = 93 \times 4$$

3 VF

12b. True or false?

$$278 = 96 \times 3$$

3 VF

Answers

Developing
1a. 46
2a. 72
3a. 28
4a. False, it is 72.

Expected
5a. 84
6a. 172
7a. 128
8a. False, it is 190.

Greater Depth
9a. 156
10a. 280
11a. 448
12a. True

Developing
1b. 105
2b. 99
3b. 55
4b. True

Expected
5b. 128
6b. 96
7b. 255
8b. True

Greater Depth
9b. 141
10b. 258
11b. 256
12b. False, it is 288.

Reflection Time

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

_____ _____ x _____ = _____ _____ _____

26   4   3
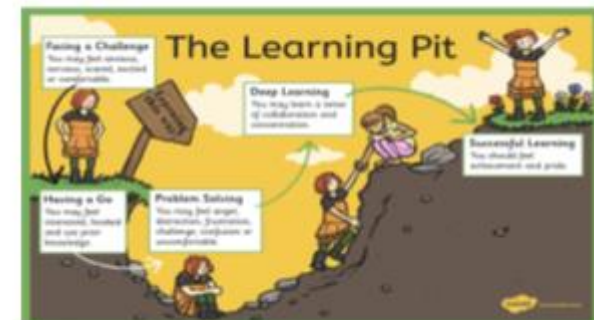
41   34

Which numbers did she use?

Reflection Time - Answers

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

_____ X ____ = _____

26   **4**   3

41   **34**

Which numbers did she use?
Chloe used 34 and 4.
34 x 4 = 136