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

30.6.20

30.6.20

LO: I can recall and use multiplication and division facts.

Starter

2 x 30 is equal to _____

4 x 20 is equal to _____

5 x 40 is equal to _____

3 x 90 is equal to _____

6 x 30 is equal to _____

2 x 30 is equal to 3 x 20.
Therefore, 4 x 20 is equal to...?
Write the calculations in your book.

Starter - answer

2 x 30	is equal to	**3 x 20**
4 x 20	is equal to	**2 x 40**
5 x 40	is equal to	**4 x 50**
3 x 90	is equal to	**9 x 30**
6 x 30	is equal to	**3 x 60**

Descriptive Teaching

Complete the multiplications:

2 x 4 = ☐   20 x 4 = ☐

3 x 5 = ☐   5 x 30 = ☐

4 x 4 = ☐   40 x 4 = ☐

8 x 3 = ☐   3 x 80 = ☐

Use the facts you know to help you solve the harder questions.

2 x 4 = 8 so
20 x 4 = ?

Descriptive Teaching - Answer

Complete the multiplications:

$2 \times 4 =$ **8** $20 \times 4 =$ **80**

$3 \times 5 =$ **15** $5 \times 30 =$ **150**

$4 \times 4 =$ **16** $40 \times 4 =$ **160**

$8 \times 3 =$ **24** $3 \times 80 =$ **240**

Descriptive Doing

Which multiplication matches the array?

a. 2 x 5   b. 20 x 5   c. 20 x 50

I know that 10 x 10 = 100. What other calculation equals 100?

Descriptive Doing - Answer

Reflective Teaching

True or false?

If 4 x 80 = 320, then 320 divided by 80 = 40.

Reflective Teaching - Answers

True or false?

If 4 x 80 = 320, then 320 divided by 80 = 40.

False. 320 divided by 80 = 4.

Reflective Doing

Complete the fact family in your book.

Reflective Doing - Answers

If we know 8 x 3 = 24, what else do we know?

Complete the fact family.

24

÷ ÷

3 x 8

80	x	3	=	240
8	x	30	=	240
240	÷	3	=	80
240	÷	8	=	30

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 the calculations.

2 x 2 = ☐ 20 x 2 = ☐

4 x 2 = ☐ 40 x 2 = ☐

5 x 2 = ☐ 20 x 5 = ☐

S VF

1b. Complete the calculations.

5 x 5= ☐ 5 x 50 = ☐

1 x 2 = ☐ 1 x 20 = ☐

4 x 2 = ☐ 4 x 20 = ☐

S VF

Independent work

2a. Which number sentence matches the array?

a. 2 x 4   b. 20 x 40   c. 2 x 40
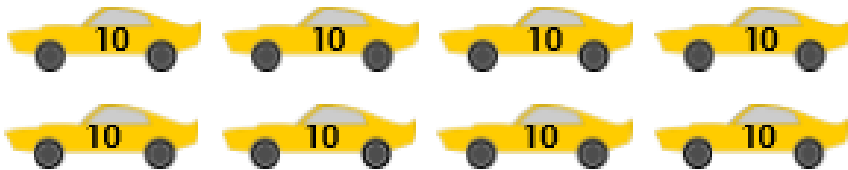
2b. Which number sentence matches the array?

a. 40 x 40   b. 4 x 4   c. 4 x 40

3 VF

3 VF
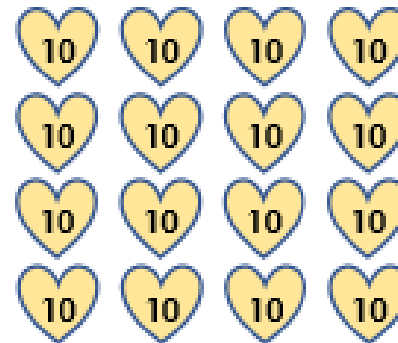
Independent work

3a. True or false?

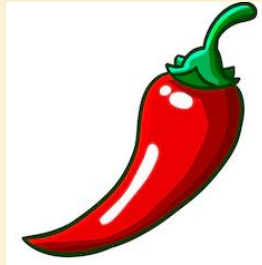If 2 x 40 = 80, then 80 divided by 4 = 20.

3   VF

3b. True or false?

If 4 x 50 = 200, then 200 divided by 40 = 50.

3   VF

Independent work

4a. If we know 4 x 2 = 8, what else do we know? Complete the fact family.

8

÷ ÷

2 x 4

	x	2	=	80
	x	4	=	80
80	÷		=	40
80	÷		=	20

3 VF

4b. If we know 4 x 5 = 20, what else do we know? Complete the fact family.

20

÷ ÷

4 x 5

40	x		=	200
4	x		=	200
200	÷		=	40
200	÷		=	50

3 VF
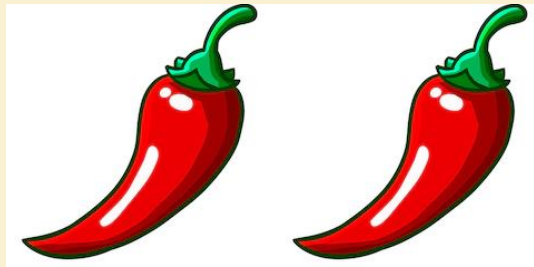
Independent work

5a. Complete the calculations.

$2 \times 8 =$ ☐ $20 \times 8 =$ ☐

$3 \times 5 =$ ☐ $5 \times 30 =$ ☐

$4 \times 3 =$ ☐ $40 \times 3 =$ ☐

$8 \times 4 =$ ☐ $4 \times 80 =$ ☐

3 VF

5b. Complete the calculations.

$2 \times 5 =$ ☐ $20 \times 5 =$ ☐

$3 \times 8 =$ ☐ $3 \times 80 =$ ☐

$4 \times 5 =$ ☐ $5 \times 40 =$ ☐

$2 \times 4 =$ ☐ $4 \times 20 =$ ☐

3 VF

Independent work
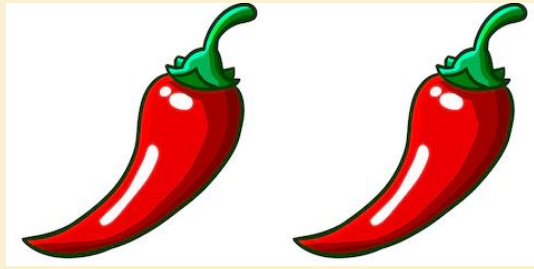
6a. Which number sentence matches the array?

a. 3 x 5   b. 30 x 5   c. 50 x 30
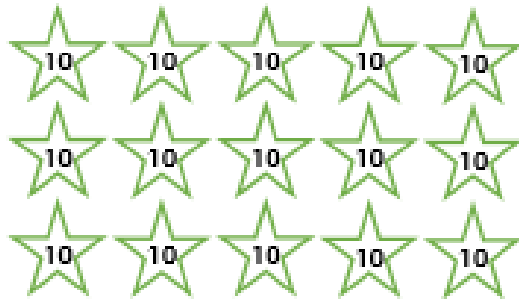
6b. Which number sentence matches the array?

a. 30 x 4   b. 4 x 3   c. 30 x 40
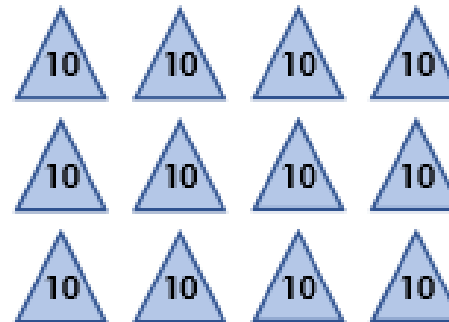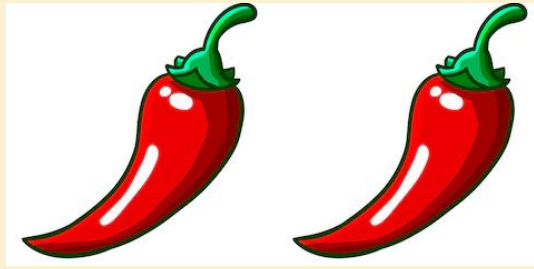
Independent work

7a. True or false?
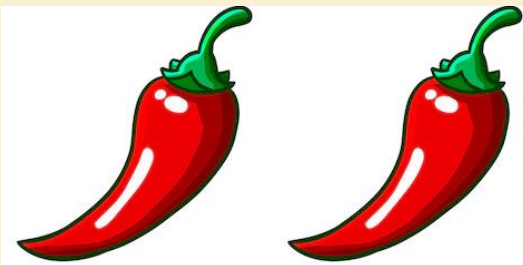
If 3 x 80 = 240, then 240 divided by 8 = 30.

3 VF

7b. True or false?

If 3 x 40 = 120, then 120 divided by 40 = 30.

3 VF

Independent work

8a. If we know 8 x 2 = 16, what else do we know? Complete the fact family.

16
÷ ÷
2   x   8

80	x	2	=	
	x	8	=	160
160	÷		=	80
	÷	8	=	

3 VF

8b. If we know 3 x 5 = 15, what else do we know? Complete the fact family.

15
÷ ÷
3   x   5

30	x	5	=	
	x	3	=	150
150	÷		=	50
	÷	30	=	

3 VF

Independent work

9a. Complete the calculations.

$3 \times 4 =$ ☐ $\quad 30 \times 4 =$ ☐

$6 \times 4 =$ ☐ $\quad 4 \times 60 =$ ☐

$3 \times 8 =$ ☐ $\quad 3 \times 80 =$ ☐

$8 \times 4 =$ ☐ $\quad 400 \times 8 =$ ☐

3 VF

9b. Complete the calculations.

$6 \times 6 =$ ☐ $\quad 60 \times 6 =$ ☐

$8 \times 8 =$ ☐ $\quad 8 \times 80 =$ ☐

$5 \times 8 =$ ☐ $\quad 50 \times 8 =$ ☐

$3 \times 6 =$ ☐ $\quad 300 \times 6 =$ ☐

3 VF

Independent work
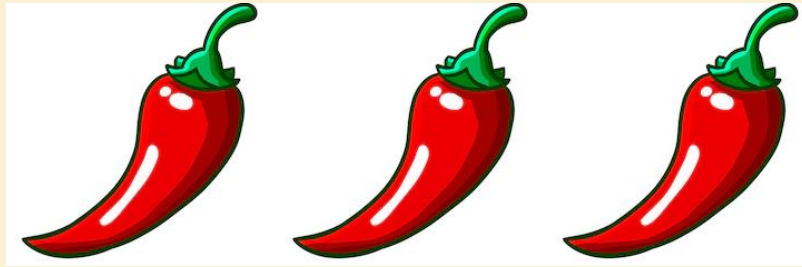
10a. Which number sentence matches the array?

    a. 3 x 6   b. 30 x 6 c. 300 x 6
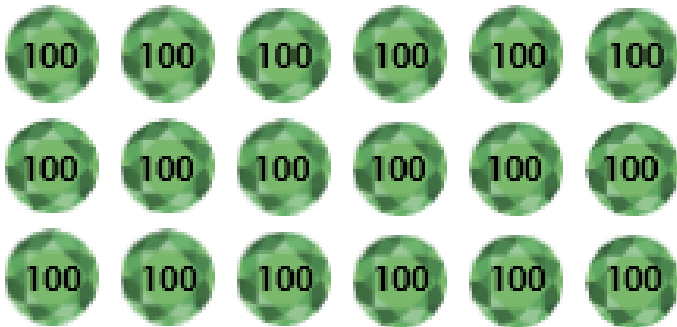
10b. Which number sentence matches the array?

    a. 30 x 8   b. 8 x 3 c. 30 x 80
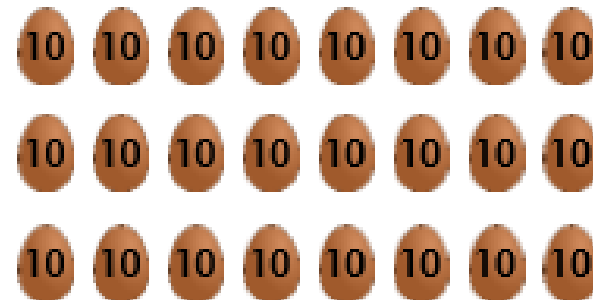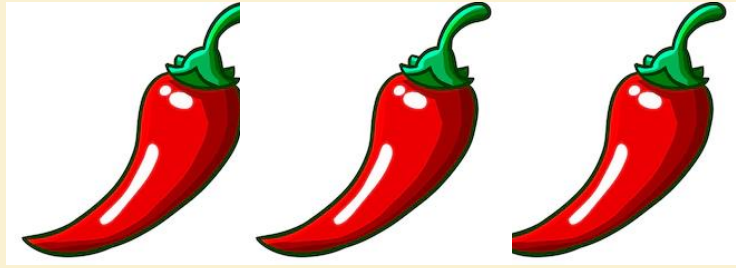
Independent work

11a. True or false?

> If 3 x 60 =180 and 6 x 30 = 180, then 180 divided by 60 = 3.

3 VF

11b. True or false?

> If 8 x 40 = 320 and 4 x 80 = 320, then 320 divided by 40 = 80.

3 VF

Independent work

12a. If we know 8 x 4 = 32, what else do we know? Complete the fact family.

80	x	4	=	
	x	8	=	320
320			=	80
	÷	40	=	

12b. If we know 4 x 6 = 24, what else do we know? Complete the fact family.

4	x	60	=	
		6	=	240
240	÷		=	60
	÷	40	=	

Answers

Developing

1a.

2 x 2 = 4	20 x 2 = 40
4 x 2 = 8	40 x 2 = 80
5 x 2 = 10	20 x 5 = 100

2a. c. 2 x 40

3a. True

4a.

40	x	2	=	80
20	x	4	=	80
80	÷	2	=	40
80	÷	4	=	20

Expected

5a.

2 x 8 = 16	20 x 8 = 160
3 x 5 = 15	5 x 30 = 150
4 x 3 = 12	40 x 3 = 120
8 x 4 = 32	4 x 80 = 320

6a. b. 30 x 5

7a. True

8a.

80	x	2	=	160
20	x	8	=	160
160	÷	2	=	80
160	÷	8	=	20

Greater Depth

9a.

3 x 4 = 12	30 x 4 = 120
6 x 4 = 24	4 x 60 = 240
3 x 8 = 24	3 x 80 = 240
8 x 4 = 32	400 x 8 = 3,200

10a. c. 300 x 6

11a. True.

12a.

80	x	4	=	320
40	x	8	=	320
320	÷	4	=	80
320	÷	40	=	8

Developing

1b.

5 x 5 = 25	5 x 50 = 250
1 x 2 = 2	1 x 20 = 20
4 x 2 = 8	4 x 20 = 80

2b. c. 4 x 40

3b. False. It is 5.

4b.

40	x	5	=	200
4	x	50	=	200
200	÷	5	=	40
200	÷	4	=	50

Expected

5b.

2 x 5 = 10	20 x 5 = 100
3 x 8 = 24	3 x 80 = 240
4 x 5 = 20	5 x 40 = 200
2 x 4 = 8	4 x 20 = 80

6b. a. 30 x 4

7b. False. It is 3.

8b.

30	x	5	=	150
50	x	3	=	150
150	÷	3	=	50
150	÷	30	=	5

Greater Depth

9b.

6 x 6 = 36	60 x 6 = 360
8 x 8 = 64	8 x 80 = 640
5 x 8 = 40	50 x 8 = 400
3 x 6 = 18	300 x 6 = 1,800

10b. a. 30 x 8

11b. False. It is 8.

12b.

4	x	60	=	240
40	x	6	=	240
240	÷	4	=	60
240	÷	40	=	6

Reflection Time

Max is trying to calculate the number of beanbags in a bag.

Max knows the beanbags are put into equal groups of ten.
He knows there are four equal groups.

How many beanbags were in the bag at the start? Show your working.

The Learning Pit

Take time to reflect

Reflection Time - Answers

Max is trying to calculate the number of beanbags in a bag.

Max knows the beanbags are put into **equal groups of ten**.
He knows there are **four equal groups**.

How many beanbags were in the bag at the start? Show your working.

Four equal groups of ten. 4 x 10 = 40 beanbags.

Take time to reflect

The Learning Pit