Varied Fluency
Step 10: The 8 Times Table

National Curriculum Objectives:

Mathematics Year 3: (3C6) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Mathematics Year 3: (3C7) Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
Mathematics Year 3: (3C8) Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects

Differentiation:

Developing Questions to support using the 8 times table up to 12 x 8. Using pictorial support for each question where each digit is represented.
Expected Questions to support using the 8 times table up to 12 x 8. Using scaffolding or pictorial support.
Greater Depth Questions to support using the 8 times tables up to 12 x 8. No scaffolding support provided.

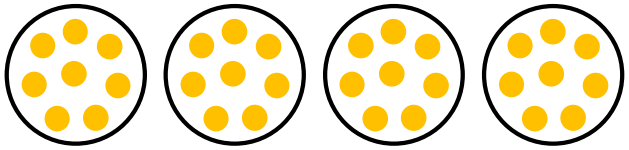
More Year 3 Multiplication and Division resources.

Did you like this resource? Don't forget to review it on our website.

The 8 Times Table

The 8 Times Table

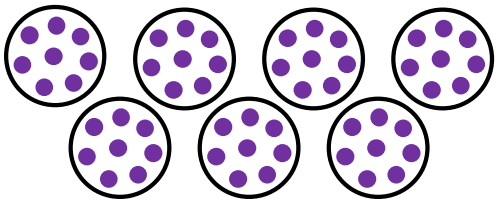
1a. Using the groups, complete the calculation below.



____ = ____ x ____

D VF

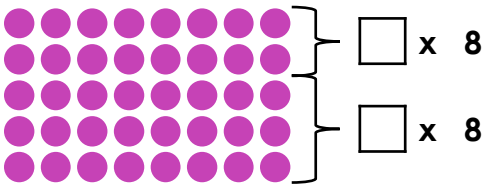
1b. Using the groups, complete the calculation below.



____ = ____ x ____

D VF

2a. Henry is using an array to multiply 5 x 8.



Circle the pair of multiplication facts that will help him find the answer?

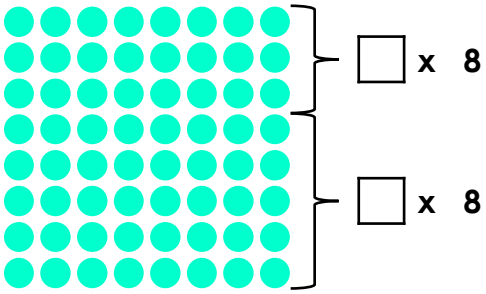
A. 3 x 8
1 x 8

B. 2 x 8
3 x 8

C. 2 x 8
2 x 8

D VF

2b. Ruby is using an array to multiply 8 x 8.



Circle the pair of multiplication facts that will help her find the answer?

A. 3 x 8
6 x 8

B. 5 x 8
2 x 8

C. 5 x 8
3 x 8

D VF

3a. Harry is counting the petals on 5 flowers.

Complete the calculation below.

____ x ____ = ____

D VF

3b. Brooke is counting the legs on 4 spiders.

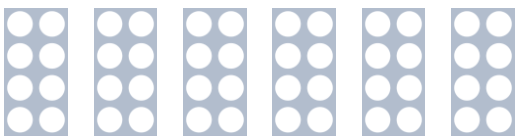
Complete the calculation below.

____ x ____ = ____

D VF

4a. True or false?

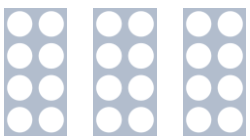
46 = 8 multiplied by 6



D VF

4b. True or false?

24 = 8 multiplied by 3



D VF

The 8 Times Table

The 8 Times Table

5a. Using the bar model, complete the calculation below.

?							
8	8	8	8	8	8	8	8

____ = ____ x ____

VF

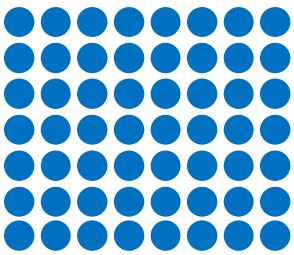
5b. Using the bar model, complete the calculation below.

?				
8	8	8	8	8

____ = ____ x ____

VF

6a. Sasha is using an array to multiply 7 x 8.



Circle the pair of multiplication facts that will help her find the answer?

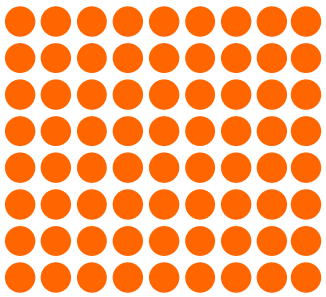
A. 1 x 8
5 x 8

B. 5 x 8
3 x 8

C. 5 x 8
2 x 8

VF

6b. Joshua is using an array to multiply 9 x 8.



Circle the pair of multiplication facts that will help him find the answer?

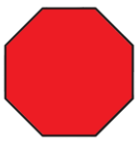
A. 6 x 8
2 x 8

B. 4 x 8
5 x 8

C. 5 x 8
5 x 8

VF

7a. Robin is counting the sides on 9 octagons.

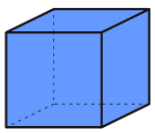


Complete the calculation below.

____ x ____ = ____

VF

7b. Poppy is counting the vertices on 3 cubes.



Complete the calculation below.

____ x ____ = ____

VF

8a. True or false?

32 = 8 multiplied by 4

32			
8	8	8	8

VF

8b. True or false?

46 = 7 multiplied by 8

46						
8	8	8	8	8	8	8

VF

The 8 Times Table

9a. Complete the bar model and calculation below.

32

____ = ____ x ____

GD VF

The 8 Times Table

9b. Complete the bar model and calculation below.

64

____ = ____ x ____

GD VF

10a. Lillian wants to multiply 5 x 8.

Circle two pairs of multiplication facts that will help her find the answer?

A. 3 x 8 4 x 8	B. 1 x 8 3 x 8	C. 1 x 8 4 x 8
D. 1 x 8 5 x 8	E. 3 x 8 2 x 8	F. 2 x 8 4 x 8

GD VF

10b. Paul wants to multiply 8 x 8.

Circle two pairs of multiplication facts that will help him find the answer?

A. 3 x 8 6 x 8	B. 5 x 8 4 x 8	C. 1 x 8 5 x 8
D. 5 x 8 3 x 8	E. 3 x 8 9 x 8	F. 2 x 8 6 x 8

GD VF

11a. Seth is counting the legs on three spiders.

Complete the calculation below to match the word problem.

____ x ____ = ____

GD VF

11b. Sandeep is counting the sides on five octagons

Complete the calculation below to match the word problem.

____ x ____ = ____

GD VF

12a. True or false?

96 = 8 multiplied by 12

GD VF

12b. True or false?

74 = 9 multiplied by 8

GD VF

Varied Fluency
The 8 Times Table

Developing

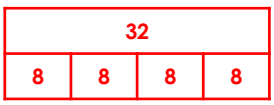
1a. 4 x 8 = 32
2a. B
3a. 5 x 8 = 40
4a. False, 48 = 8 multiplied by 6.

Expected

5a. 8 x 8 = 64
6a. C
7a. 9 x 8 = 72
8a. True

Greater Depth

9a.



4 x 8 = 32
10a. C, E
11a. 3 x 8 = 24
12a. True

Varied Fluency
The 8 Times Table

Developing

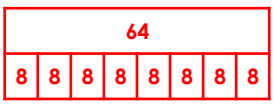
1b. 7 x 8 = 56
2b. C
3b. 4 x 8 = 32
4b. True

Expected

5b. 5 x 8 = 40
6b. B
7b. 3 x 8 = 24
8b. False, 56 = 7 multiplied by 8.

Greater Depth

9b.



8 x 8 = 64
10b. D, F
11b. 5 x 8 = 40
12b. False, 72 = 9 multiplied by 8