

# Varied Fluency

## Step 4: The 3 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](#)

### Differentiation:

**Developing** Questions to support using the 3 times table up to  $12 \times 3$ . All questions have pictorial support.

**Expected** Questions to support using the 3 times table up to  $12 \times 3$ . Scaffolding provided for some questions.

**Greater Depth** Questions to support using the 3 times table up to  $12 \times 3$  using a mixture of numerals and words. No scaffolding provided.

More [Year 3 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

# The 3 Times Table

# The 3 Times Table

1a. Complete the number sentences.



$$6 \times 3 = \square$$

$$\square = 3 \times \square$$



VF

1b. Complete the number sentences.



$$\square = 8 \times 3$$

$$3 \times 8 = \square$$



VF

2a. Circle the numbers and images that are in the 3 times table.

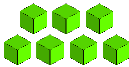
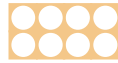
30

27

6



35



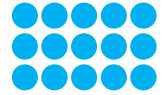
VF

2b. Circle the numbers and images that are in the 3 times table.

12



33



3

19

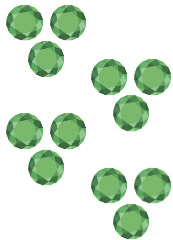


VF

3a. Circle the image which represents the calculation below.

$$4 \times 3 = 12$$

A.



B.

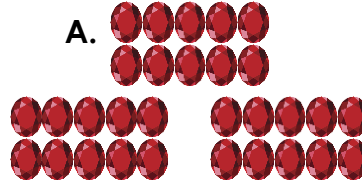


VF

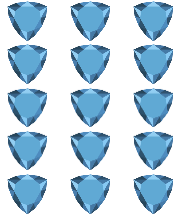
3b. Circle the image which represents the calculation below.

$$30 \div 3 = 10$$

A.



B.



VF

VF

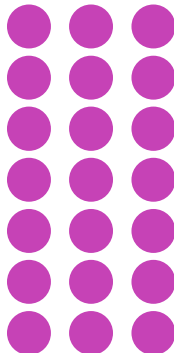
4a. Complete the number sentences.

$$\square \times 3 = \square$$

$$3 \times \square = \square$$

$$\square \div 3 = \square$$

$$\square \div \square = 3$$



VF

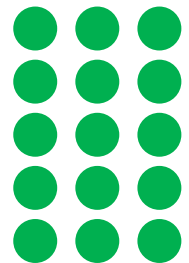
4b. Complete the number sentences.

$$\square \times 3 = \square$$

$$3 \times \square = \square$$

$$\square \div 3 = \square$$

$$\square \div \square = 3$$



VF

VF

# The 3 Times Table

5a. Complete the number sentences.



$$\square \times 3 = \square$$

$$\square = \square \div 3$$



VF

# The 3 Times Table

5b. Complete the number sentences.



$$\square = \square \times 3$$

$$\square \div 3 = \square$$



VF

6a. Circle the numbers and images that are in the 3 times table.

36      17      15      6

31



VF

6b. Circle the numbers and images that are in the 3 times table.

13      27      26

12

22



VF

7a. Use the array to write 4 number sentences.

$$\begin{array}{l} \_ \times \_ = \_ \\ \_ \times \_ = \_ \\ \_ \div \_ = \_ \\ \_ \div \_ = \_ \end{array}$$


VF

7b. Use the array to write 4 number sentences

$$\begin{array}{l} \_ \times \_ = \_ \\ \_ \times \_ = \_ \\ \_ \div \_ = \_ \\ \_ \div \_ = \_ \end{array}$$


VF

8a. Complete the number sentences.

$$30 \div \square = 10$$

$$7 \times 3 = \square$$

$$9 \div 3 = \square$$

$$\square = 6 \times 3$$



VF

8b. Complete the number sentences.

$$12 \div 3 = \square$$

$$9 \times \square = 27$$

$$24 \div 3 = \square$$

$$\square = 11 \times 3$$



VF

## The 3 Times Table

9a. Complete the number sentences.

$$\square \times 3 = 33$$

$$\square = 33 \div 3$$



VF

## The 3 Times Table

9b. Complete the number sentences.

$$\square = 8 \times 3$$

$$\square \div 3 = 8$$



VF

10a. Circle the numbers and images that are not in the 3 times table.

twenty-two      18

twenty-four      9

seventeen

36

eleven

thirty-one



VF

10b. Circle the numbers and images that are not in the 3 times table.

35      eighteen

21      thirty

fourteen

6

nine

thirteen



VF

11a. Use the digit cards to create 2 multiplication calculations.

8

3

Use your multiplication calculations to create 2 division calculations using the same numbers.



VF

11b. Use the digit cards to create 2 multiplication calculations.

3

12

Use your multiplication calculations to create 2 division calculations using the same numbers.



VF

12a. Complete the number sentences.

$$36 \square 3 = 12$$

$$8 \square 3 = 24$$

$$33 \div 3 = \square$$

$$21 = \square \times 3$$



VF

12b. Complete the number sentences.

$$18 \div \square = 6$$

$$10 \square 3 = 30$$

$$9 \div \square = 3$$

$$2 = 6 \square 3$$



VF

## Varied Fluency The 3 Times Table

### Developing

1a.  $6 \times 3 = 18$ ;  $18 = 3 \times 6$

2a. 30, 27, 6, 9

3a.  $7 \times 3 = 21$ ;  $3 \times 7 = 21$ ;  $21 \div 3 = 7$ ;

$21 \div 7 = 3$

4a. A

### Expected

5a.  $7 \times 3 = 21$ ;  $7 = 21 \div 3$

6a. 15, 36, 6, 3, 9

7a.  $4 \times 3 = 12$ ;  $3 \times 4 = 12$ ;  $12 \div 3 = 4$ ;

$12 \div 4 = 3$

8a.  $30 \div 3 = 10$ ;  $7 \times 3 = 21$ ;  $9 \div 3 = 3$ ;  $18 = 6 \times 3$

### Greater Depth

9a.  $11 \times 3 = 33$ ;  $11 = 33 \div 3$

10a. 22, 17, 11, 31

11a.  $8 \times 3 = 24$ ;  $3 \times 8 = 24$ ;  $24 \div 3 = 8$ ;

$24 \div 8 = 3$

12a.  $36 \div 3 = 12$ ;  $8 \times 3 = 24$ ;  $33 \div 3 = 11$ ;  $21 = 7 \times 3$

## Varied Fluency The 3 Times Table

### Developing

1b.  $24 = 8 \times 3$ ;  $3 \times 8 = 24$

2b. 6, 33, 12, 15, 3

3b.  $5 \times 3 = 15$ ;  $3 \times 5 = 15$ ;  $15 \div 3 = 5$ ;

$15 \div 5 = 3$

4b. A

### Expected

5b.  $15 = 5 \times 3$ ;  $15 \div 3 = 5$

6b. 9, 27, 30, 12

7b.  $6 \times 3 = 18$ ;  $3 \times 6 = 18$ ;  $18 \div 3 = 6$ ;

$18 \div 6 = 3$

8b.  $12 \div 3 = 4$ ;  $9 \times 3 = 27$ ;  $24 \div 3 = 8$ ;  
 $33 = 11 \times 3$

### Greater Depth

9b.  $24 = 8 \times 3$ ;  $24 \div 3 = 8$

10b. 35, 14, 13

11b.  $3 \times 12 = 36$ ;  $12 \times 3 = 36$ ;  $36 \div 3 = 12$ ;

$36 \div 12 = 3$

12b.  $18 \div 3 = 6$ ;  $10 \times 3 = 30$ ;  $9 \div 3 = 3$ ;  $2 = 6 \div 3$