

# Varied Fluency

## Step 9: 6 Times Table and Division Facts

### National Curriculum Objectives:

Mathematics Year 4: (4N1) [Count in multiples of 6, 7, 9, 25 and 1,000](#)

Mathematics Year 4: (4C6a) [Recall multiplication division facts for multiplication tables up to  \$12 \times 12\$](#)

Mathematics Year 4: (4c6b) [Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers](#)

### Differentiation:

**Developing** Questions to support using known facts to develop fluency in the 6 times table. Using 2, 3, 5 and  $10 \times 6$ .

**Expected** Questions to support using known facts to develop fluency in the 6 times table. Using facts up to  $12 \times 6$ .

**Greater Depth** Questions to support using known facts to develop fluency in the 6 times table. Using facts up to  $15 \times 6$ .

More [Year 3 and Year 4 Multiplication and Division](#) resources.

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

## 6 Times Table and Division Facts

1a. Complete the calculations.

$1 \times 3 = 3$

$1 \times 6 = 6$

$2 \times 3 =$

$\times 6 = 12$

$5 \times = 15$

$5 \times 6 =$



4 VF

## 6 Times Table and Division Facts

1b. Complete the calculations.

$2 \times 3 = 6$

$2 \times 6 = 12$

$3 \times 3 =$

$\times 6 = 18$

$10 \times = 30$

$10 \times 6 =$



4 VF

2a. Complete the two number sentences.

$6 \times 2 =$

$6 \times 20 =$



4 VF

2b. Complete the two number sentences.

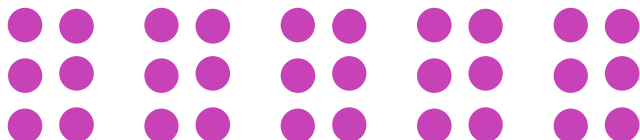
$6 \times 5 =$

$6 \times 50 =$



4 VF

3a. Write a number sentence to match the counters.

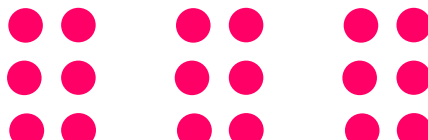


$\square \times \square = \square$



4 VF

3b. Write a number sentence to match the counters.



$\square \times \square = \square$



4 VF

4a. Write two multiplication and two division facts using these numbers.

3

6

18



4 VF

4b. Write two multiplication and two division facts using these numbers.

6

2

12



4 VF

## 6 Times Table and Division Facts

## 6 Times Table and Division Facts

5a. Complete the calculations.

$$1 \times 3 = 3$$

$$1 \times 6 = 6$$

$$4 \times 3 =$$

$$\times 6 = 24$$

$$8 \times = 24$$

$$8 \times 6 =$$



4 VF

5b. Complete the calculations.

$$2 \times 3 = 6$$

$$2 \times 6 = 12$$

$$6 \times 3 =$$

$$\times 6 = 36$$

$$9 \times = 27$$

$$9 \times 6 =$$



4 VF

6a. Complete the two number sentences.

$$6 \times 6 = \square$$

$$6 \times 60 = \square$$



4 VF

6b. Complete the two number sentences.

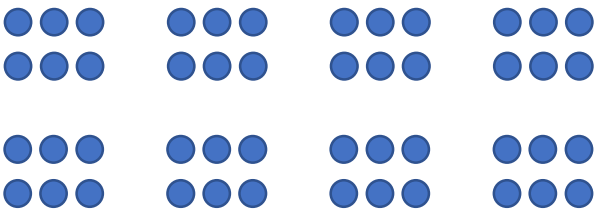
$$6 \times 8 = \square$$

$$6 \times 80 = \square$$



4 VF

7a. Write a number sentence to match the counters.

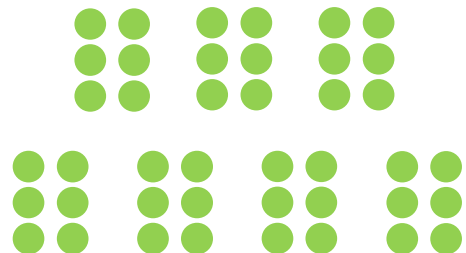


$$\square \times \square = \square$$



4 VF

7b. Write a number sentence to match the counters.



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



4 VF

8a. Write two multiplication and two division facts using these numbers.

6

7

42



4 VF

8b. Write two multiplication and two division facts using these numbers.

6

9

54



4 VF

## 6 Times Table and Division Facts

## 6 Times Table and Division Facts

9a. Complete the calculations.

$$3 \times 3 = 9$$

$$3 \times 6 = 18$$

$$9 \times 3 =$$

$$\times 6 = 54$$

$$14 \times = 42$$

$$14 \times 6 =$$



4 VF

9b. Complete the calculations.

$$4 \times 3 = 12$$

$$4 \times 6 = 24$$

$$8 \times 3 =$$

$$\times 6 = 48$$

$$12 \times = 36$$

$$12 \times 6 =$$



4 VF

10a. Complete the two number sentences.

$$6 \times 12 = \square$$

$$6 \times 120 = \square$$



4 VF

10b. Complete the two number sentences.

$$6 \times 15 = \square$$

$$6 \times 150 = \square$$



4 VF

11a. Write a number sentence to match the counters.



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



4 VF

11b. Write a number sentence to match the counters.



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



4 VF

12a. Write two multiplication and two division facts using these numbers.

66

11

6



4 VF

12b. Write two multiplication and two division facts using these numbers.

78

13

6



4 VF

**Varied Fluency**  
**6 Times Table and Division Facts**

**Developing**

1a. 6, 2, 3, 30

2a. 12, 120

3a.  $5 \times 6 = 30$  or  $6 \times 5 = 30$

4a.  $3 \times 6 = 18$ ;  $6 \times 3 = 18$ ;  $18 \div 3 = 6$ ;

$18 \div 6 = 3$

**Expected**

5a. 12, 4, 3, 48

6a. 36, 360

7a.  $8 \times 6 = 48$  or  $6 \times 8 = 48$

8a.  $6 \times 7 = 42$ ;  $7 \times 6 = 42$ ;  $42 \div 6 = 7$ ;

$42 \div 7 = 6$

**Greater Depth**

9a. 27, 9, 3, 84

10a. 72, 720

11a.  $13 \times 6 = 78$  or  $6 \times 13 = 78$

12a.  $6 \times 11 = 66$ ;  $11 \times 6 = 66$ ;  $66 \div 11 = 6$ ;

$66 \div 6 = 11$

**Varied Fluency**  
**6 Times Table and Division Facts**

**Developing**

1b. 9, 3, 3, 60

2b. 30, 300

3b.  $3 \times 6 = 18$  or  $6 \times 3 = 18$

4b.  $6 \times 2 = 12$ ;  $2 \times 6 = 12$ ;  $12 \div 6 = 2$ ;

$12 \div 2 = 6$

**Expected**

5b. 18, 6, 3, 54

6b. 48, 480

7b.  $7 \times 6 = 42$  or  $6 \times 7 = 42$

8b.  $6 \times 9 = 54$ ;  $9 \times 6 = 54$ ;  $54 \div 6 = 9$ ;

$54 \div 9 = 6$

**Greater Depth**

9b. 24, 8, 3, 72

10b. 90, 900

11b.  $14 \times 6 = 84$  or  $6 \times 14 = 84$

12b.  $6 \times 13 = 78$ ;  $13 \times 6 = 78$ ;  $78 \div 6 = 13$ ;

$78 \div 13 = 6$