

Varied Fluency

Step 6: Use Arrays

National Curriculum Objectives:

Mathematics Year 2: (2C6) [Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers](#)

Mathematics Year 2: (2C7) [Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication \(\$\times\$ \), division \(\$\div\$ \) and equals \(=\) signs](#)

Mathematics Year 2: (2C8) [Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts](#)

Mathematics Year 2: (2C9b) [Show that multiplication of two numbers can be done in any order \(commutative\) and division of one number by another cannot](#)

Differentiation:

Developing Questions to support using arrays to solve multiplication facts from the 2 and 10 times table.

Expected Questions to support using arrays to solve multiplication facts from the 2, 5 and 10 times table.

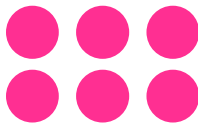
Greater Depth Questions to support using arrays to solve multiplication facts from the 2, 5 and 10 times table and make deductions from outside known multiplication facts. E.g. If I know $2 \times 6 = 12$ then $4 \times 6 = 24$.

More [Year 2 Multiplication and Division](#) resources.

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

Use Arrays

1a. Circle the correct calculation to match the array.



3 x 3

2 x 2

2 x 3



VF

Use Arrays

1b. Circle the correct calculation to match the array.



1 x 5

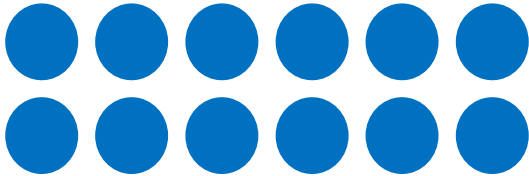
5 x 2

2 x 5



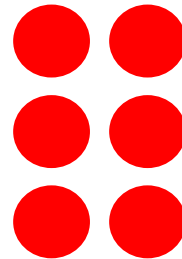
VF

2a. True or false? The array below shows 2 x 5.



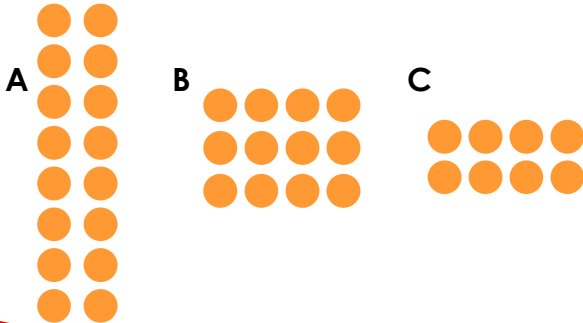
VF

2b. True or false? The array below shows 3 x 2.



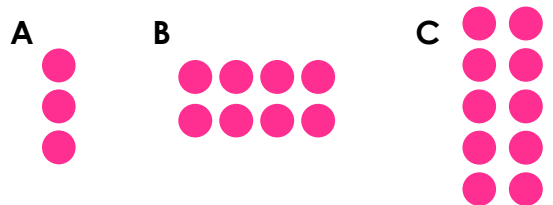
VF

3a. Circle the array that shows 8 lots of 2.



VF

3b. Circle the array that shows 2 lots of 4.



VF

4a. Complete the number sentences to match the array.



x = x

lots of = lots of



VF

4b. Complete the number sentences to match the array.



x = x

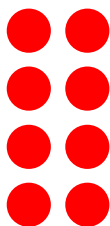
lots of = lots of



VF

Use Arrays

5a. Circle the correct calculation to match the array.



4×2

2×2

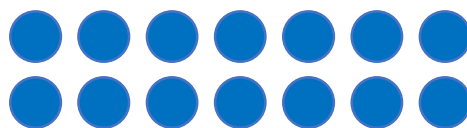
3×2



VF

Use Arrays

5b. Circle the correct calculation to match the array.



3×7

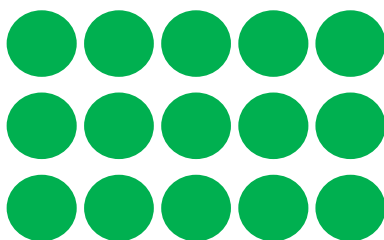
2×5

2×7



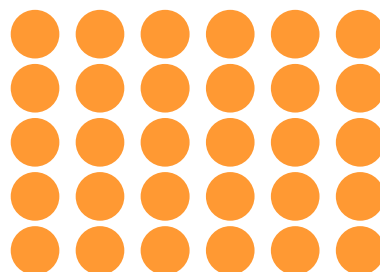
VF

6a. True or false? The array below shows 2×5 .



VF

6b. True or false? The array below shows 5×5 .



VF

7a. Circle the array that shows 3 lots of 5.

A



B



C



VF

7b. Circle the array that shows 4 lots of 2.

A



B



C



VF

8a. Complete the number sentences to match the array.



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

$$\square \text{ lots of } \square = \square \text{ lots of } \square$$



VF

8b. Complete the number sentences to match the array.



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

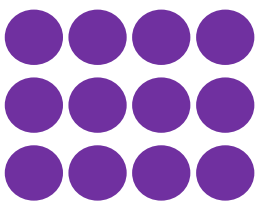
$$\square \text{ lots of } \square = \square \text{ lots of } \square$$



VF

Use Arrays

9a. Circle the correct calculation to match the array.



2×4

3×4

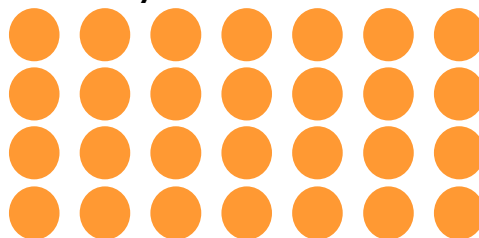
3×3



VF

Use Arrays

9b. Circle the correct calculation to match the array.



4×7

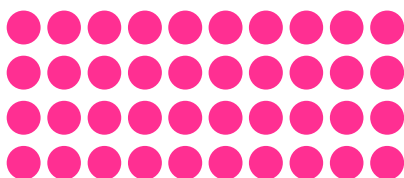
4×5

6×4



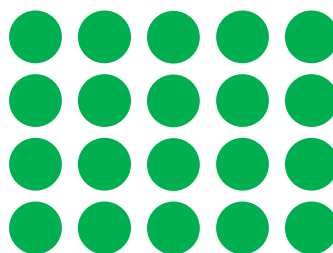
VF

10a. True or false? The array below shows 4×10 .



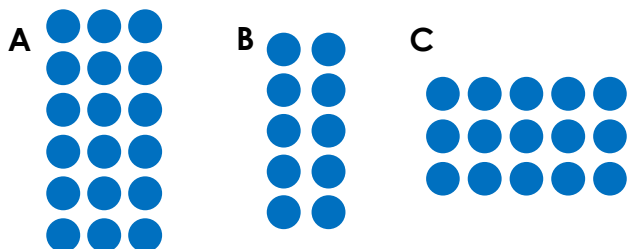
VF

10b. True or false? The array below shows 5×5 .



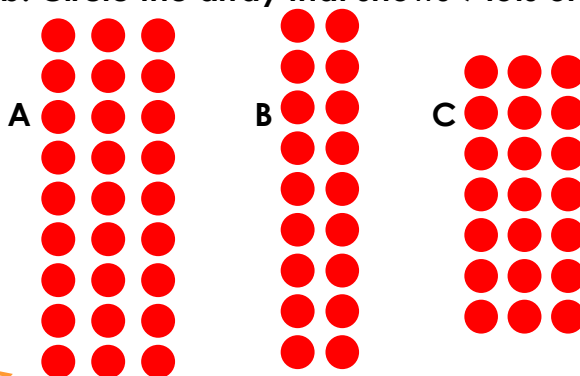
VF

11a. Circle the array that shows 6 lots of 3.



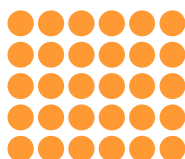
VF

11b. Circle the array that shows 9 lots of 3.



VF

12a. Complete the number sentences to match the array.



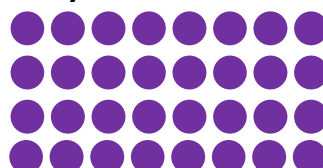
$\square \times \square = \square \times \square$

$\square \text{ lots of } \square = \square \text{ lots of } \square$



VF

12b. Complete the number sentences to match the array.



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

$\square \text{ lots of } \square = \square \text{ lots of } \square$



VF

Varied Fluency
Use Arrays

Developing

- 1a. **2×3**
2a. **False, it shows 2×6**
3a. **A**
4a. **$2 \times 5 = 5 \times 2$, 2 lots of 5 = 5 lots of 2**

Expected

- 5a. **4×2**
6a. **False, it shows 3×5**
7a. **B**
8a. **$3 \times 10 = 10 \times 3$, 3 lots of 10 = 10 lots of 3**

Greater Depth

- 9a. **3×4**
10a. **True**
11a. **A**
12a. **$5 \times 6 = 6 \times 5$, 5 lots of 6 = 6 lots of 5**

Varied Fluency
Use Arrays

Developing

- 1b. **1×5**
2b. **True**
3b. **B**
4b. **$2 \times 10 = 10 \times 2$, 2 lots of 10 = 10 lots of 2**

Expected

- 5b. **2×7**
6b. **False, it shows 5×6**
7b. **C**
8b. **$2 \times 8 = 8 \times 2$, 2 lots of 8 = 8 lots of 2**

Greater Depth

- 9b. **4×7**
10b. **False, it shows 4×5**
11b. **A**
12b. **$4 \times 8 = 8 \times 4$, 4 lots of 8 = 8 lots of 4**