

Varied Fluency

Step 4: The Multiplication Symbol

National Curriculum Objectives:

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](#)

Differentiation:

Developing Questions to support relating the multiplication symbol to repeated addition or stem sentences. Involves counting up to five equal groups of 2s and 10s.

Expected Questions to support relating the multiplication symbol to repeated addition or stem sentences. Involves counting up to ten equal groups of 2s, 5s and 10s.

Greater Depth Questions to support relating the multiplication symbol to repeated addition or stem sentences. Involves counting up to twelve equal groups of 2s, 5s, 10s and 3s.

[More resources](#) which follow the same small steps as White Rose.

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

The Multiplication Symbol

1a. Match the repeated addition to the multiplication.

$10 + 10 + 10 + 10$

3×2

$2 + 2 + 2$

2×10

$10 + 10$

4×10



VF

The Multiplication Symbol

1b. Match the repeated addition to the multiplication.

$2 + 2 + 2 + 2 + 2$

4×2

$10 + 10 + 10$

5×2

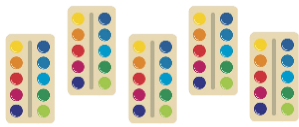
$2 + 2 + 2 + 2$

3×10



VF

2a. Circle the odd one out.



5 lots of 10

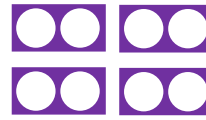
$10 + 10 + 10 + 10 + 10$

4×10



VF

2b. Circle the odd one out.



$2 + 2 + 2 + 2 + 2$

4×2



VF

3a. Draw a picture to show Gavyn's multiplication story.



There were 2 seed packets with 10 seeds in each packet.



VF

3b. Draw a picture to show Hope's multiplication story.



There were 5 cakes with 2 candles on each cake.



VF

4a. Complete the stem sentence and multiplication to match the picture.



equal groups with in each group.

$\square \times \square$



VF

4b. Complete the stem sentence and multiplication to match the picture.



equal groups with in each group.

$\square \times \square$



VF

The Multiplication Symbol

The Multiplication Symbol

5a. Match the repeated addition to the multiplication.

$2 + 2 + 2 + 2$

3×10

$5 + 5 + 5$

4×2

$10 + 10 + 10$

3×5



VF

5b. Match the repeated addition to the multiplication.

$5 + 5 + 5 + 5$

2×10

$10 + 10$

4×5

$2 + 2 + 2 + 2 + 2$

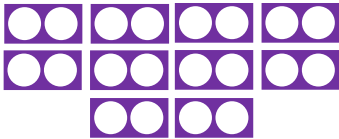
5×2



VF

6a. Circle the odd one out.

$2 + 2 + 2 + 2 + 2 + 2 + 2$



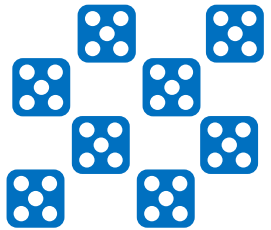
10×2



VF

6b. Circle the odd one out.

$8 \text{ lots of } 5$



8×5

$5 + 5 + 5 + 5 + 5 + 5 + 5$



VF

7a. Draw a picture to show Suzie's multiplication story.



The teacher had 9 pencil pots with 5 pencils in each pot.



VF

7b. Draw a picture to show Niko's multiplication story.

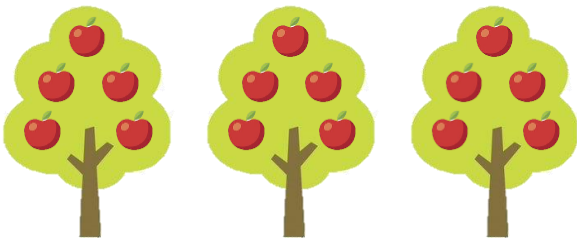


A train had 8 carriages with 2 people in each carriage.



VF

8a. Complete the stem sentence and multiplication to match the picture.



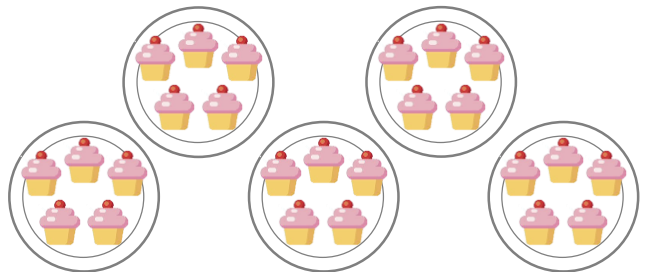
equal groups with in each group.

$\square \times \square$



VF

8b. Complete the stem sentence and multiplication to match the picture.



equal groups with in each group.

$\square \times \square$



VF

The Multiplication Symbol

9a. Match the repeated addition to the multiplication.

$3 + 3 + 3 + 3$

3×2

$10 + 10 + 10$

4×3

$2 + 2 + 2$

3×10



VF

The Multiplication Symbol

9b. Match the repeated addition to the multiplication.

$2 + 2 + 2 + 2$

3×3

$3 + 3 + 3$

5×5

$5 + 5 + 5 + 5 + 5$

4×2

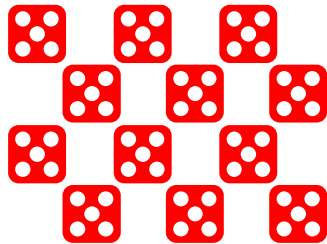


VF

10a. Circle the odd one out.

$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$

12×5



$12 \text{ lots of } 5$



VF

10b. Circle the odd one out.



$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$

9×3

$8 \text{ lots of } 3$



VF

11a. Draw a picture to show Alexia's multiplication story.



There are 11 bowls with 3 apples in each bowl.



VF

11b. Draw a picture to show Taylor's multiplication story.

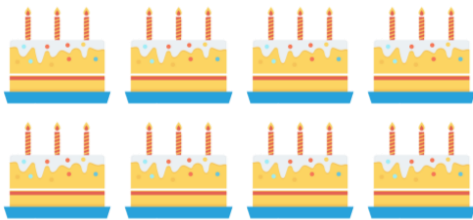


A boy had 12 bags with 5 marbles in each bag.



VF

12a. Complete the stem sentence and multiplication to match the picture.



equal groups with in each group.

$\square \times \square$



VF

12b. Complete the stem sentence and multiplication to match the picture.



equal groups with in each group.

$\square \times \square$



VF

Varied Fluency The Multiplication Symbol

Developing

- 1a. $10 + 10 + 10 + 10 = 4 \times 10$;
 $2 + 2 + 2 = 3 \times 2$; $10 + 10 = 2 \times 10$
- 2a. 4×10 .
- 3a. Any pictorial representation showing 2 packets with 10 seeds drawn in each packet.
- 4a. 3 equal groups with 2 in each group;
 3×2

Expected

- 5a. $2 + 2 + 2 + 2 = 4 \times 2$; $5 + 5 + 5 = 3 \times 5$;
 $10 + 10 + 10 = 3 \times 10$
- 6a. $2 + 2 + 2 + 2 + 2 + 2 + 2$
- 7a. Any pictorial representation showing 9 pots with 5 pencils drawn in each pot.
- 8a. 3 equal groups with 5 in each group;
 3×5

Greater Depth

- 9a. $3 + 3 + 3 + 3 = 4 \times 3$; $10 + 10 + 10 = 3 \times 10$;
 $2 + 2 + 2 = 3 \times 2$
- 10a. $5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$
- 11a. Any pictorial representation showing 11 bowls with 3 apples drawn in each bowl.
- 12a. 8 equal groups with 3 in each group;
 8×3 .

Varied Fluency The Multiplication Symbol

Developing

- 1b. $2 + 2 + 2 + 2 + 2 = 5 \times 2$;
 $10 + 10 + 10 = 3 \times 10$; $2 + 2 + 2 + 2 = 4 \times 2$
- 2b. $2 + 2 + 2 + 2 + 2$
- 3b. Any pictorial representation showing 5 cakes with 2 candles drawn on each cake.
- 4b. 5 equal groups with 10 in each group;
 5×10

Expected

- 5b. $5 + 5 + 5 + 5 = 4 \times 5$; $10 + 10 = 2 \times 10$;
 $2 + 2 + 2 + 2 + 2 = 5 \times 2$
- 6b. $5 + 5 + 5 + 5 + 5 + 5 + 5$
- 7b. Any pictorial representation showing 8 carriages with 2 people drawn in each carriage.
- 8b. 5 equal groups with 5 in each group;
 5×5

Greater Depth

- 9b. $2 + 2 + 2 + 2 = 4 \times 2$; $3 + 3 + 3 = 3 \times 3$;
 $5 + 5 + 5 + 5 + 5 = 5 \times 5$
- 10b. 8 lots of 3.
- 11b. Any pictorial representation showing 12 bags with 5 marbles drawn in each bag.
- 12b. 9 equal groups with 3 in each group;
 9×3