

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

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

The Multiplication Symbol

The Multiplication Symbol

1a. Match the repeated addition to the multiplication.

1b. Match the repeated addition to the multiplication.

$10 + 10 + 10 + 10$

3×2

$2 + 2 + 2 + 2 + 2$

4×2

$2 + 2 + 2$

2×10

$10 + 10 + 10$

5×2

$10 + 10$

4×10

$2 + 2 + 2 + 2$

3×10



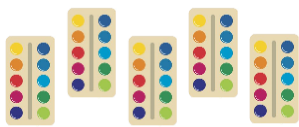
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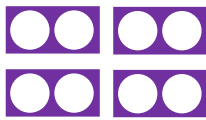
VF

2a. Circle the odd one out.

2b. Circle the odd one out.



5 lots of 10



$2 + 2 + 2 + 2 + 2$

$10 + 10 + 10 + 10 + 10$

4×10

4×2



VF



VF

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

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



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



There were 5 cakes with 2 candles on each cake.



VF



VF

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

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



equal groups with

in each group.

x



VF

equal groups with

in each group.

x



VF

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

The Multiplication Symbol

5b. Match the repeated addition to the multiplication.

$5 + 5 + 5 + 5$

2×10

$10 + 10$

4×5

$2 + 2 + 2 + 2 + 2$

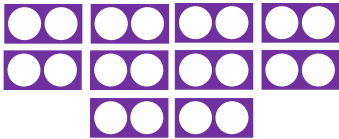
5×2



VF

6a. Circle the odd one out.

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



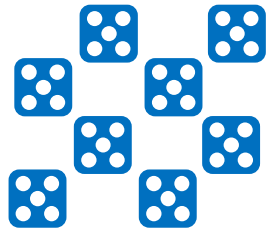
10×2



VF

6b. Circle the odd one out.

8 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.

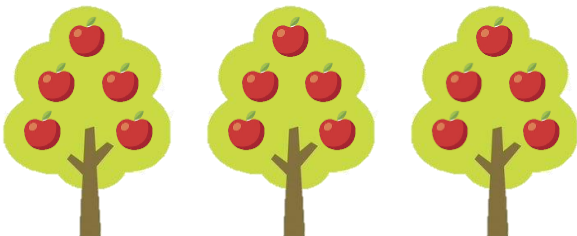


A train had 8 carriages with 2 people in each carriage.



VF

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



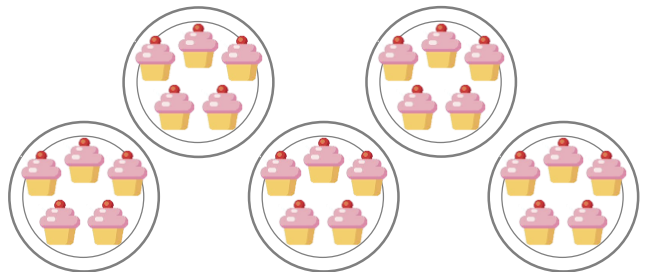
equal groups with in each group.

x



VF

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



equal groups with in each group.

x



VF

The Multiplication Symbol

The Multiplication Symbol

9a. Match the repeated addition to the multiplication.

9b. Match the repeated addition to the multiplication.

$3 + 3 + 3 + 3$

3×2

$2 + 2 + 2 + 2$

3×3

$10 + 10 + 10$

4×3

$3 + 3 + 3$

5×5

$2 + 2 + 2$

3×10

$5 + 5 + 5 + 5 + 5$

4×2



VF



VF

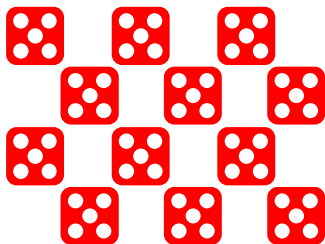
10a. Circle the odd one out.

10b. Circle the odd one out.

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



12×5



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

12 lots of 5

9×3

8 lots of 3



VF



VF

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

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



There are 11 bowls with 3 apples in each bowl.



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



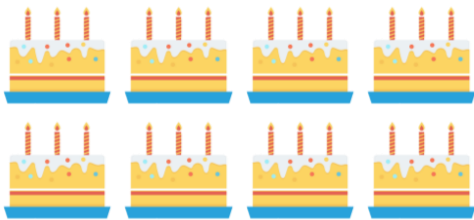
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VF

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

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



equal groups with in each group.

equal groups with in each group.

x

x



VF



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. $2 + 2 + 2 + 2 = 4 \times 2$; $3 + 3 + 3 = 3 \times 3$;

$5 + 5 + 5 + 5 = 4 \times 5$

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