

2, 5 and 10 Times Tables: Groups and Patterns

Use equal groups, arrays and repeated addition to understand multiplication.

Name _____ Date _____ Class _____

Learning objective: I can recall and use multiplication and division facts for the 2, 5 and 10 times tables.

✓ I can make equal groups ✓ I can write a multiplication from an array ✓ I can share equally

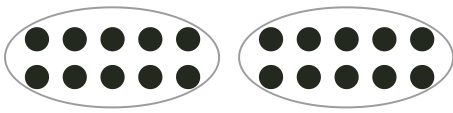
1 Equal groups Count the groups and how many in each group. Fill in the blanks.



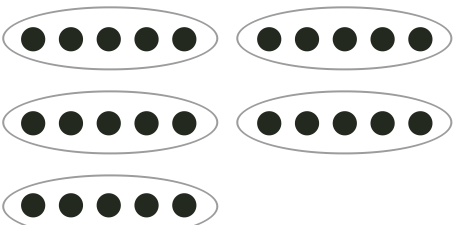
___ groups of ___ = ___ ___ × ___ = ___



___ groups of ___ = ___ ___ × ___ = ___



___ groups of ___ = ___ ___ × ___ = ___



___ groups of ___ = ___ ___ × ___ = ___

2 Repeated addition Write each repeated addition as a multiplication.

- 1 $2 + 2 + 2 + 2 + 2 = \underline{\quad} \times 2 = \underline{\quad}$
- 2 $5 + 5 + 5 = \underline{\quad} \times 5 = \underline{\quad}$
- 3 $10 + 10 + 10 + 10 = \underline{\quad} \times 10 = \underline{\quad}$

3 Arrays Draw an array of dots for each multiplication. Then write the answer.

2×5
Draw 2 rows of 5

3×10
Draw 3 rows of 10

5×2
Draw 5 rows of 2

2, 5 and 10 Times Tables: Groups and Patterns

4 Times tables facts Use counting in 2s, 5s or 10s to help.

1 $2 \times 6 =$

2 $5 \times 3 =$

3 $10 \times 7 =$

4 $2 \times 9 =$

5 $5 \times 8 =$

6 $10 \times 4 =$

7 $7 \times 2 =$

8 $6 \times 5 =$

9 $3 \times 10 =$

10 $2 \times 12 =$

11 $5 \times 11 =$

12 $10 \times 10 =$

5 Sharing and grouping Draw a picture to help. Write the answer.

1 10 sweets are shared equally between 2 children. How many does each child get?

2 20 pencils are put into pots of 5. How many pots are needed?

3 30 stickers are shared equally between 10 friends. How many does each friend get?

6 True or false? Tick one box for each.

	TRUE	FALSE
1 Every number in the 10 times table ends in 0.	☐	☐
2 15 is in the 2 times table.	☐	☐
3 5×4 is the same as 4×5 .	☐	☐
4 All numbers in the 5 times table end in 5.	☐	☐
5 $2 \times 8 = 16$	☐	☐

Answer Key

2, 5 and 10 Times Tables: Groups and Patterns

Question	Answers
1 Equal groups	1 3 groups of 5 = 15 ; $3 \times 5 = \mathbf{15}$; 2 4 groups of 2 = 8 ; $4 \times 2 = \mathbf{8}$; 3 2 groups of 10 = 20 ; $2 \times 10 = \mathbf{20}$; 4 5 groups of 5 = 25 ; $5 \times 5 = \mathbf{25}$
2 Repeated addition	1 5 / 10; 2 3 / 15; 3 4 / 40
3 Arrays	$2 \times 5 = \mathbf{10}$ (2 rows of 5 dots); $3 \times 10 = \mathbf{30}$ (3 rows of 10 dots); $5 \times 2 = \mathbf{10}$ (5 rows of 2 dots)
4 Times tables facts	1 12 ; 2 15 ; 3 70 ; 4 18 ; 5 40 ; 6 40 ; 7 14 ; 8 30 ; 9 30 ; 10 24 ; 11 55 ; 12 100
5 Sharing and grouping	1. $10 \div 2 = \mathbf{5}$ sweets 2. $20 \div 5 = \mathbf{4}$ pots 3. $30 \div 10 = \mathbf{3}$ stickers
6 True or false?	1 True ; 2 False – 15 is odd; numbers in the 2 times table are even.; 3 True – both equal 20; 4 False – they end in 5 or 0, e.g. 10, 20; 5 True

Teaching note: Year 2 pupils should recall and use multiplication and division facts for the 2, 5 and 10 times tables, recognise odd and even numbers, and show that multiplication can be done in any order (commutative). Focus on understanding rather than speed.