




Key Instant Recall Facts

Year 3 – Spring 1

Key Vocabulary
multiplication
multiplied
times
groups of
equal groups
division
divide
share equally
total
facts

I aspire to know the multiplication and division facts for the 4 times tables.

By the end of this half term, you should be able to know your 4 times table up to 12×4 and the related division facts.

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| $1 \times 4 = 4$ |
| $2 \times 4 = 8$ |
| $3 \times 4 = 12$ |
| $4 \times 4 = 16$ |
| $5 \times 4 = 20$ |
| $6 \times 4 = 24$ |
| $7 \times 4 = 28$ |
| $8 \times 4 = 32$ |
| $9 \times 4 = 36$ |
| $10 \times 4 = 40$ |
| $11 \times 4 = 44$ |
| $12 \times 4 = 48$ |

Key Questions

How many equal groups are there?
How many are in each group?
What is the total?
What are we dividing by?
How many equal groups can we make?

Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey?

Your Home Learning this half term...

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| Challenge 1: Practical activity | Give your child a multiplication problem, e.g., 6×4 . They must create 6 groups of 4 items each using bowls/plates and objects. They then count the total to find the answer (24). |
| Challenge 2: Practical activity | Give your child a total number of objects that is a multiple of four, e.g., 16. Ask them to divide the objects into groups of fours and count how many groups they made (4). (Alternatively, ask them to divide the 16 objects into 4 equal groups and count how many are in each group). |
| Challenge 3: Increasing fluency | Play hit the button- 4 times tables https://www.topmarks.co.uk/maths-games/hit-the-button |
| Challenge 4: Increasing accuracy | Complete all challenges. https://www.timestables.co.uk/4-times-table.html |
| Challenge 5: Problem Solving | Packs of Pencils: Mrs. Smith buys 9 packs of pencils for the classroom. Each pack has 4 pencils. How many pencils does she have altogether? Square Shapes: A square has 4 equal sides. If you draw 11 squares, how many sides would you have in total? Money: Tom saves £4 every week. How much money will he have saved after 5 weeks? |
| Challenge 6: Reasoning | True or False? Statement: "If I have 24 biscuits and I divide them into 4 equal bags, there will be 6 biscuits in each bag." True or False? Statement: "Any number that can be divided by 4 will also be an even number." Decide if the following statement is Always, Sometimes, or Never true. Statement: "When you divide a number by 4, the answer will be bigger than when you divide the same number by 2." |