**To count in 9s and 11s.**

**To know the multiplication and division facts for the 9 times table. (up to 12x9)**

**To know the multiplication and division facts for the 11 times table. (up to 12x11)**

By the end of this half term, children should know the following facts. The aim is for them to recall these facts fairly instantly.

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| --- | --- | --- | --- | --- |
| 9 × 1 = 9 9 × 2 = 18 9 × 3 = 27 9 × 4 = 36 9 × 5 = 45 9 × 6 = 54 9 × 7 = 63 9 × 8 = 72 9 × 9 = 81 9 × 10 = 90 9 × 11 = 99 9 × 12 = 108 | 9 ÷ 9 = 1 18 ÷ 9 = 2 27 ÷ 9 = 3 36 ÷ 9 = 4 45 ÷ 9 = 5 54 ÷ 9 = 6 63 ÷ 9 = 7 72 ÷ 9 = 8 81 ÷ 9 = 9 90 ÷ 9 = 10 99 ÷ 9 = 11 108 ÷ 9 = 12 | 11 × 1 = 11 11 × 2 = 22 11 × 3 = 33 11 × 4 = 44 11 × 5 = 55 11 × 6 = 66 11 × 7 = 77 11 × 8 = 88 11 × 9 = 99 11 × 10 = 110 11 × 11 = 121 11 × 12 = 132 | 11 ÷ 11 = 1 22 ÷ 11 = 2 33 ÷ 11 = 3 44 ÷ 11 = 4 55 ÷ 11 = 5 66 ÷ 11 = 6 77 ÷ 11 = 7 88 ÷ 11 = 8 99 ÷ 11 = 9 110 ÷ 11 = 10 121 ÷ 11 = 11 132 ÷ 11 = 12 | **Key vocabulary** What is 9 times 6? What is 6 multiplied by 9? What is 54 divided by 9? What is 88 shared between 11?What is 121 divided into groups of 11? |
| They should be able to answer these questions in any order, including missing number questions, e.g. 9 x ⃝ = 54 or ⃝ ÷ 9 = 6 |

**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? You don’t need to practise them all at once: perhaps you could have a fact of the day. Buy one get three free – If your child knows one fact (e.g. 9 x 12 = 108), can they tell you the other three facts in the same fact family?

**Look for patterns** – These times tables are full of patterns for your child to find. How many can they spot?

**Use your ten times table** – Multiply a number by 10 and subtract the original number (e.g. 7 × 10 – 7 = 70 – 7 = 63). What do you notice? What happens if you add your original number instead? (e.g. 7 × 10 + 7 = 70 + 7 = 77)

**What do you already know?** – Your child will already know many of these facts from the 2, 3, 4, 5, 6, 8 and 10 times tables. It might be worth practising these again!

<https://www.topmarks.co.uk/maths-games/daily10> and <https://www.topmarks.co.uk/maths-games/hit-thebutton>