

Key Instant Recall Facts

Year 4 Spring 1

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

Your key fact this half term is

To know the multiplication and division facts for all the times tables including the 9 and 11 times tables

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|-----------|---------------------|-------------------|----------------------|--------------------|
| Key Facts | $1 \times 9 = 9$ | $9 \div 9 = 1$ | $1 \times 11 = 11$ | $11 \div 11 = 1$ |
| | $2 \times 9 = 18$ | $18 \div 9 = 2$ | $2 \times 11 = 22$ | $22 \div 11 = 2$ |
| | $3 \times 9 = 27$ | $27 \div 9 = 3$ | $3 \times 11 = 33$ | $33 \div 11 = 3$ |
| | $4 \times 9 = 36$ | $36 \div 9 = 4$ | $4 \times 11 = 44$ | $44 \div 11 = 4$ |
| | $5 \times 9 = 45$ | $45 \div 9 = 5$ | $5 \times 11 = 55$ | $55 \div 11 = 5$ |
| | $6 \times 9 = 54$ | $54 \div 9 = 6$ | $6 \times 11 = 66$ | $66 \div 11 = 6$ |
| | $7 \times 9 = 63$ | $63 \div 9 = 7$ | $7 \times 11 = 77$ | $77 \div 11 = 7$ |
| | $8 \times 9 = 72$ | $72 \div 9 = 8$ | $8 \times 11 = 88$ | $88 \div 11 = 8$ |
| | $9 \times 9 = 81$ | $81 \div 9 = 9$ | $9 \times 11 = 99$ | $99 \div 11 = 9$ |
| | $10 \times 9 = 90$ | $90 \div 9 = 10$ | $10 \times 11 = 110$ | $110 \div 11 = 10$ |
| | $11 \times 9 = 99$ | $99 \div 9 = 11$ | $11 \times 11 = 121$ | $121 \div 11 = 11$ |
| | $12 \times 9 = 108$ | $108 \div 9 = 12$ | $12 \times 11 = 132$ | $132 \div 11 = 12$ |

Key Vocabulary

What is 9 **multiplied by** 3?

What is 11 **times** 2?

What is 33 **divided by** 11?

What is 9 **lots of** 4?

How many **groups of** 9 are there in 63?

What is the **product** of 9 and 11?

MAKE IT FUN

Take two, 6-sided dice. Roll both dice to create a number e.g. 8. Multiply this by 9, then 11. Time how many you can get correct within 1 minute. If you do not have dice at home, use this online resource:

<https://www.teacherled.com/iresources/tools/dice>

Create a song, chant or poster for learning the 9 and 11 times tables.

Watch this video to discover a way to help you remember the 9 times table.

[Nine times table | Multiplication hand trick \(youtube.com\)](#)

MAKE IT LINK

<https://www.timestables.co.uk/>

<https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables>

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

DEEPEN IT

True or False

6×9 is the same as $9 \times 3 \times 2$

$9 \times 6 = 3 \times 9 + 9$

Explain your answers. Can you spot the mistake that was made?

Always, Sometimes, Never

All multiples of 9 have digits that have a sum of 9. Explain your answer.

