

Key Instant Recall Facts

Year 3 - Spring 2

I can count in 7s and 9s.

I know the multiplication and division facts for the 7 and 9 times tables.

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

| | | | | | |
|-----------------|--------------------|--------------------|-----------------|--------------------|---------------------|
| Count in | 0 x 7 = 0 | 7 ÷ 7 = 1 | Count in | 0 x 9 = 0 | 9 ÷ 9 = 1 |
| 7s | 1 x 7 = 7 | 15 ÷ 7 = 2 | 9s | 1 x 9 = 9 | 18 ÷ 9 = 2 |
| 0 | 2 x 7 = 14 | 21 ÷ 7 = 3 | 0 | 2 x 9 = 18 | 27 ÷ 9 = 3 |
| 7 | 3 x 7 = 21 | 28 ÷ 7 = 4 | 9 | 3 x 9 = 27 | 36 ÷ 9 = 4 |
| 14 | 4 x 7 = 28 | 35 ÷ 7 = 5 | 18 | 4 x 9 = 36 | 45 ÷ 9 = 5 |
| 21 | 5 x 7 = 35 | 42 ÷ 7 = 6 | 27 | 5 x 9 = 45 | 54 ÷ 9 = 6 |
| 28 | 6 x 7 = 42 | 49 ÷ 7 = 7 | 36 | 6 x 9 = 54 | 63 ÷ 9 = 7 |
| 35 | 7 x 7 = 49 | 56 ÷ 7 = 8 | 45 | 7 x 9 = 63 | 72 ÷ 9 = 8 |
| 42 | 8 x 7 = 56 | 63 ÷ 7 = 9 | 54 | 8 x 9 = 72 | 81 ÷ 9 = 9 |
| 49 | 9 x 7 = 63 | 70 ÷ 7 = 10 | 63 | 9 x 9 = 81 | 90 ÷ 9 = 10 |
| 56 | 10 x 7 = 70 | 77 ÷ 7 = 11 | 72 | 10 x 9 = 90 | 99 ÷ 9 = 11 |
| 63 | 11 x 7 = 77 | 84 ÷ 7 = 12 | 81 | 11 x 9 = 99 | 108 ÷ 9 = 12 |
| 70 | 12 x 7 = 84 | | 90 | | |
| 77 | | | 99 | | |
| 84 | | | 108 | | |

Key vocabulary

What is 7 times... What is 63 divided into groups of 7?

What is 70 divided by 7? What is 63 shared between 7?

What is 7 multiplied by 3?

They should be able to answer these questions in any order, including missing number questions, e.g. $4 \times \underline{\quad} = 32$ or $\underline{\quad} \div 8 = 56$

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. $11 \times 7 = 77$), can they tell you the other three facts in the same fact family? $77 \div 11 = 7$ and $77 \div 7 = 11$, etc.

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

Times Table Rockstars - Children all have their username and password to practice in the "Garage" and the "Arena". They could try playing in the "Studio" but remember these will be any questions up to 12×12 .

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

<http://www.conkermaths.org/cmweb.nsf/products/conkertifs.html> See how many questions you can answer in 90seconds.

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