

# Key Instant Recall Facts

Year 4 – Spring 1

I can count in 9s and 11s.

I know the multiplication and division facts for the 9 and 11 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			Count in		
<u>9s</u>	$0 \times 9 = 0$	$9 \div 9 = 1$	<u>11s</u>	$0 \times 11 = 0$	$11 \div 11 = 1$
0	$1 \times 9 = 9$	$18 \div 9 = 2$	0	$1 \times 11 = 11$	$22 \div 11 = 2$
9	$2 \times 9 = 18$	$27 \div 9 = 3$	11	$2 \times 11 = 22$	$33 \div 11 = 3$
18	$3 \times 9 = 27$	$36 \div 9 = 4$	22	$3 \times 11 = 33$	$44 \div 11 = 4$
27	$4 \times 9 = 36$	$45 \div 9 = 5$	33	$4 \times 11 = 44$	$55 \div 11 = 5$
36	$5 \times 9 = 45$	$54 \div 9 = 6$	44	$5 \times 11 = 55$	$66 \div 11 = 6$
45	$6 \times 9 = 54$	$63 \div 9 = 7$	55	$6 \times 11 = 66$	$77 \div 11 = 7$
54	$7 \times 9 = 63$	$72 \div 9 = 8$	66	$7 \times 11 = 77$	$88 \div 11 = 8$
63	$8 \times 9 = 72$	$81 \div 9 = 9$	77	$8 \times 11 = 88$	$99 \div 11 = 9$
72	$9 \times 9 = 81$	$90 \div 9 = 10$	88	$9 \times 11 = 99$	$110 \div 11 = 10$
81	$10 \times 9 = 90$	$99 \div 9 = 11$	99	$10 \times 11 = 110$	$121 \div 11 = 11$
90	$11 \times 9 = 99$	$108 \div 9 = 12$	110	$11 \times 11 = 121$	$132 \div 11 = 12$
99	$12 \times 9 = 108$		121		
108			132		

## Key vocabulary

What is 4 **times** 9?

What is 8 **multiplied by** 11?

What is 77 **divided by** 11?

What is 45 **shared between** 9?

What is 132 **divided into groups of** 11?

They should be able to answer these questions in any order, including missing number questions, e.g.  $9 \times \bigcirc = 108$  or  $\bigcirc \div 11 = 7$ .

## 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.  $12 \times 9 = 108$ ), can they tell you the other three facts in the same fact family? If you know  $7 \times 9 = 63$ , then what will  $70 \times 9$  be?

**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" and also do the Soundcheck.

**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.  $7 \times 10 - 7 = 70 - 7 = 63$ ). What do you notice? What happens if you add your original number instead?

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

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