

# Key Instant Recall Facts

## Year Four – 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, the children should know the following facts instantly.

<u>Count in 9s</u>	$0 \times 9 = 0$	$9 \div 9 = 1$	<u>Count in 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	$12 \times 11 = 132$	
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?

The children need to answer these questions in any order, including missing number questions, e.g.  $9 \times ?? = 72$  or  $?? \div 11 = 12$

### Top Tips

The secret to success and putting these in your long term memory is working hard. To help do this, practise little and often. Use little moments of time. Practise these KIRFs while walking to school or during a car journey for example.

Buy one get three free – If your child knows one fact (e.g.  $12 \times 11 = 132$ ), can they tell you the other three facts in the same fact family? If you know  $9 \times 6 = 54$ , then what will  $90 \times 6$  be? Look for patterns in the structure.

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 90 seconds.

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

[Learn to Count with fun Counting Games for KS1 Children](#)

