

Key Instant Recall Facts

Year Three – Spring 2

I can count in 8s and I know the multiplication and division facts for the 8 times table.

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

<u>Count in 8s</u>			<u>Key vocabulary</u>
0	$0 \times 8 = 0$	$0 \div 8 = 0$	What is 4 times 8?
8	$1 \times 8 = 8$	$8 \div 8 = 1$	What is 8 multiplied by 8?
16	$2 \times 8 = 16$	$16 \div 8 = 2$	What is 24 divided by 8?
24	$3 \times 8 = 24$	$24 \div 8 = 3$	What is 48 shared between 8?
32	$4 \times 8 = 32$	$32 \div 8 = 4$	What is 72 divided into groups of 8?
40	$5 \times 8 = 40$	$40 \div 8 = 5$	
48	$6 \times 8 = 48$	$48 \div 8 = 6$	
56	$7 \times 8 = 56$	$56 \div 8 = 7$	
64	$8 \times 8 = 64$	$64 \div 8 = 8$	
72	$9 \times 8 = 72$	$72 \div 8 = 9$	
80	$10 \times 8 = 80$	$80 \div 8 = 10$	
88	$11 \times 8 = 88$	$88 \div 8 = 11$	
96	$12 \times 8 = 96$	$96 \div 8 = 12$	

They should be able to answer these questions in any order, including missing number questions, e.g. $8 \times ? = 32$ or $?? \div 8 = 7$

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.

You don't need to practise them all at once: perhaps you could start with one particular times table fact and ensure they know that one before moving onto another times table.

Work on three facts a day, as it breaks up the memorising.

What do you already know? – Your child will already know many of these facts from the 2, 3, 4, 5 and 10 times tables.

Double the 4 times tables – Multiplying a number by 8 is the same as multiplying by 4 and doubling. $6 \times 8 = 48$ because $6 \times 4 = 24$ and double that to get 48.

Buy one get three free – If your child knows one fact (e.g. $12 \times 8 = 96$), can they tell you the other three facts in the same fact family? <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> and <https://www.topmarks.co.uk/maths-games/hit-thebutton>

