

Key Instant Recall facts

Year 4 – Autumn 2



To count in 6s.

To know the multiplication and division facts for the 6 times table. (up to 12×6)

By the end of this half term, children should know the factor pairs of numbers in the times tables. The aim is for them to recall these facts fairly instantly.

<u>Count in 6s</u>			<u>Key vocabulary</u>
0	$0 \times 6 = 0$	$0 \div 6 = 0$	
6	$1 \times 6 = 6$	$6 \div 6 = 1$	What is 4 times 6?
12	$2 \times 6 = 12$	$12 \div 6 = 2$	
18	$3 \times 6 = 18$	$18 \div 6 = 3$	What is 8 multiplied by 6?
24	$4 \times 6 = 24$	$24 \div 6 = 4$	
30	$5 \times 6 = 30$	$30 \div 6 = 5$	What is 24 divided by 6?
36	$6 \times 6 = 36$	$36 \div 6 = 6$	
42	$7 \times 6 = 42$	$42 \div 6 = 7$	What is 48 shared between 6?
48	$8 \times 6 = 48$	$48 \div 6 = 8$	
54	$9 \times 6 = 54$	$54 \div 6 = 9$	What is 72 divided into groups of 6?
60	$10 \times 6 = 60$	$60 \div 6 = 10$	
66	$11 \times 6 = 66$	$66 \div 6 = 11$	
72	$12 \times 6 = 72$	$72 \div 6 = 12$	

They should be able to answer these questions in any order, including missing number questions, e.g.
 $6 \times \bigcirc = 54$ or $\bigcirc \div 6 = 7$

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. $12 \times 6 = 72$), can they tell you the other three facts in the same fact family?

If you know $7 \times 6 = 42$, then what will 70×6 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 three times table – Multiply a number by 3 and then double it. What do you notice? (e.g. $7 \times 3 = 21$, double it to get 7×6 which is 42).

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>

See how many questions you can answer in 90seconds.

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