

Key Instant Recall Facts

Year 4 - Autumn 2

I know the multiplication and division facts for the 6 times table. (up to 12x6)

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	$1 \times 6 = 6$	$6 \div 6 = 1$	
12	$2 \times 6 = 12$	$12 \div 6 = 2$	What is 4 times 6?
18	$3 \times 6 = 18$	$18 \div 6 = 3$	What is 8 multiplied by 6?
24	$4 \times 6 = 24$	$24 \div 6 = 4$	What is 24 divided by 6?
30	$5 \times 6 = 30$	$30 \div 6 = 5$	
36	$6 \times 6 = 36$	$36 \div 6 = 6$	What is 48 shared between 6?
42	$7 \times 6 = 42$	$42 \div 6 = 7$	What is 72 divided into groups of 6?
48	$8 \times 6 = 48$	$48 \div 6 = 8$	
54	$9 \times 6 = 54$	$54 \div 6 = 9$	
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.

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