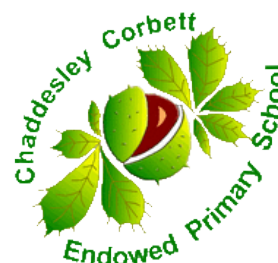


# Key Instant Recall Facts

Yr 4– Autumn 2



**I can count in 6s.**

**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	$0 \times 6 = 0$	$0 \div 6 = 0$	What is 4 <b>times</b> 6? What is 8 <b>multiplied by</b> 6? What is 24 <b>divided by</b> 6? What is 48 <b>shared between</b> 6? What is 72 <b>divided into groups of</b> 6?
6	$1 \times 6 = 6$	$6 \div 6 = 1$	
12	$2 \times 6 = 12$	$12 \div 6 = 2$	
18	$3 \times 6 = 18$	$18 \div 6 = 3$	
24	$4 \times 6 = 24$	$24 \div 6 = 4$	
30	$5 \times 6 = 30$	$30 \div 6 = 5$	
36	$6 \times 6 = 36$	$36 \div 6 = 6$	
42	$7 \times 6 = 42$	$42 \div 6 = 7$	
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  $70 \times 6$  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  $7 \times 6$  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>