



Key Instant Recall Facts

Year 4 - Autumn 2

Know the multiplication and division facts for the 6 times table

By the end of this half term children need to be able to instantly recall the following facts

$6 \times 1 = 6$	$1 \times 6 = 6$	$6 \div 6 = 1$	$6 \div 1 = 6$
$6 \times 2 = 12$	$2 \times 6 = 12$	$12 \div 6 = 2$	$12 \div 2 = 6$
$6 \times 3 = 18$	$3 \times 6 = 18$	$18 \div 6 = 3$	$18 \div 3 = 6$
$6 \times 4 = 24$	$4 \times 6 = 24$	$24 \div 6 = 4$	$24 \div 4 = 6$
$6 \times 5 = 30$	$5 \times 6 = 30$	$30 \div 6 = 5$	$30 \div 5 = 6$
$6 \times 6 = 36$	$6 \times 6 = 36$	$36 \div 6 = 6$	$36 \div 6 = 6$
$6 \times 7 = 42$	$7 \times 6 = 42$	$42 \div 6 = 7$	$42 \div 7 = 6$
$6 \times 8 = 48$	$8 \times 6 = 48$	$48 \div 6 = 8$	$48 \div 8 = 6$
$6 \times 9 = 54$	$9 \times 6 = 54$	$54 \div 6 = 9$	$54 \div 9 = 6$
$6 \times 10 = 60$	$10 \times 6 = 60$	$60 \div 6 = 10$	$60 \div 10 = 6$
$6 \times 11 = 66$	$11 \times 6 = 66$	$66 \div 6 = 11$	$66 \div 11 = 6$
$6 \times 12 = 72$	$12 \times 6 = 72$	$72 \div 6 = 12$	$72 \div 12 = 6$

Key Vocabulary

- What is 8 multiplied by 6?
- What is 6 times 8?
- What is 24 divided by 6?
- What is six lots of 9?
- Six 6s are?
- Six groups of 7 make?
- Share 48 into 6 groups. How many is in each group?

Things to try

- Children should be able to answer these questions in any order, including missing number questions e.g. $3 \times \square = 18$ or $\square \div 3 = 11$.
- Songs and Chants - Listen to fun multiplication songs and chants online such as: <https://www.youtube.com/watch?v=e7rYbk9PNuM>
- Buy one get three free - If your child knows one fact (e.g. $3 \times 6 = 18$), can they tell you the other three facts in the same fact family? E.g.: $3 \times 6 = 18$, $6 \times 3 = 18$, $18 \div 6 = 3$, $18 \div 3 = 6$
- Double your threes - Multiplying a number by 6 is the same as multiplying by 3 and then doubling the answer. $7 \times 3 = 21$ and double 21 is 42, so $7 \times 6 = 42$.
- Use TT Rockstars

Top tips

The secret to success is practising little and often .

Use your time wisely.

Can you practise these KIRFs while walking to school or during a car journey?