

Key Instant Recall Facts

Year 4 Autumn 2

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

Your key fact this half term is

To know, and recall at speed, the multiplication and division facts for the 6 and 12 times tables

Key Facts

$1 \times 6 = 6$	$6 \div 6 = 1$	$1 \times 12 = 12$	$12 \div 12 = 1$
$2 \times 6 = 12$	$12 \div 6 = 2$	$2 \times 12 = 24$	$24 \div 12 = 2$
$3 \times 6 = 18$	$18 \div 6 = 3$	$3 \times 12 = 36$	$36 \div 12 = 3$
$4 \times 6 = 24$	$24 \div 6 = 4$	$4 \times 12 = 48$	$48 \div 12 = 4$
$5 \times 6 = 30$	$30 \div 6 = 5$	$5 \times 12 = 60$	$60 \div 12 = 5$
$6 \times 6 = 36$	$36 \div 6 = 6$	$6 \times 12 = 72$	$72 \div 12 = 6$
$7 \times 6 = 42$	$42 \div 6 = 7$	$7 \times 12 = 84$	$84 \div 12 = 7$
$8 \times 6 = 48$	$48 \div 6 = 8$	$8 \times 12 = 96$	$96 \div 12 = 8$
$9 \times 6 = 54$	$54 \div 6 = 9$	$9 \times 12 = 108$	$108 \div 12 = 9$
$10 \times 6 = 60$	$60 \div 6 = 10$	$10 \times 12 = 120$	$120 \div 12 = 10$
$11 \times 6 = 66$	$66 \div 6 = 11$	$11 \times 12 = 132$	$132 \div 12 = 11$
$12 \times 6 = 72$	$72 \div 6 = 12$	$12 \times 12 = 144$	$144 \div 12 = 12$

Key Vocabulary

What is 6 **multiplied by** 12?

What is 12 **times** 11?

What is 96 **divided by** 12?

What are 9 **lots of** 6?

How many **groups of** 12 are there in 60?

Multiplication is commutative—
remember to practise the facts both
ways e.g. $5 \times 6 = 6 \times 5 = 30$

MAKE IT FUN

Climb stairs counting in multiples.

Test the Parent – Make up your own tricky division questions for someone else to answer e.g. What is 42 divided by 6? You need to be able to multiply to create these questions.

Snap - Create a set of calculation cards and answer cards. Turn them over and match the calculation to the answer.

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? $6 \times 3 = 18$, $18 \div 6 = 3$ and $18 \div 3 = 6$

MAKE IT LINK

$\times 6 \times 12$

<http://www.topmarks.co.uk/maths-games/hit-the-button>

$\times 6 \times 12$

<https://www.topmarks.co.uk/times-tables/coconut-multiples>

Select multiplication and division

[Number Fact Families - Topmarks](#)

DEEPEN IT

Shape Times Shape

<https://nrich.maths.org/5714>

(If you need a copy of this activity, ask your teacher)

True or false?

$7 \times 6 = 7 \times 3 \times 2$

$7 \times 6 = 7 \times 3 + 3$

$4 \times 12 = 4 \times 10 + 4 \times 2$

Explain your reasoning.

How does knowing your 6 times table help you learn the 12 times table? Think doubling and halving.



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