

Key Instant Recall Facts

Year 4 Spring 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 the multiplication and division facts, and recall them at speed, for all the times tables including the 7 times table.

Key Facts

$7 \times 1 = 7$	$1 \times 7 = 7$	$7 \div 7 = 1$	$7 \div 1 = 7$
$7 \times 2 = 14$	$2 \times 7 = 14$	$14 \div 7 = 2$	$14 \div 2 = 7$
$7 \times 3 = 21$	$3 \times 7 = 21$	$21 \div 7 = 3$	$21 \div 3 = 7$
$7 \times 4 = 28$	$4 \times 7 = 28$	$28 \div 7 = 4$	$28 \div 4 = 7$
$7 \times 5 = 35$	$5 \times 7 = 35$	$35 \div 7 = 5$	$35 \div 5 = 7$
$7 \times 6 = 42$	$6 \times 7 = 42$	$42 \div 7 = 6$	$42 \div 6 = 7$
$7 \times 7 = 49$	$7 \times 7 = 49$	$49 \div 7 = 7$	$49 \div 7 = 7$
$7 \times 8 = 56$	$8 \times 7 = 56$	$56 \div 7 = 8$	$56 \div 8 = 7$
$7 \times 9 = 63$	$9 \times 7 = 63$	$63 \div 7 = 9$	$63 \div 9 = 7$
$7 \times 10 = 70$	$10 \times 7 = 70$	$70 \div 7 = 10$	$70 \div 10 = 7$
$7 \times 11 = 77$	$11 \times 7 = 77$	$77 \div 7 = 11$	$77 \div 11 = 7$
$7 \times 12 = 84$	$12 \times 7 = 84$	$84 \div 7 = 12$	$84 \div 12 = 7$

Fact Family:

$$\begin{array}{ll} 3 \times 7 = 21 & 21 \div 3 = 7 \\ 7 \times 3 = 21 & 21 \div 7 = 3 \end{array}$$

Key Vocabulary

What is 7 **multiplied by** 4?

What is 8 **times** 7?

What is 21 **divided by** 7?

What is the **product** of 8 and 7?

What is 9 **groups of** 7?

MAKE IT FUN

Write down 6 multiples of 7 eg 7, 14, 21, 35, 49, 56. Roll one die or 2 dice and multiply this by 7. Cross off the answer if you have written it down. Play against someone else – the first to cross off all their numbers wins. <https://www.teacherled.com/iresources/tools/dice>

Place answers to the 7 times table around the room or garden (if you are confident, you could include some wrong answers). Call out a 7 times table fact, then run to the answer. Play with someone else – who can reach the answer first? Can you include word problems to make the game more challenging?

MAKE IT LINK

<https://www.topmarks.co.uk/mathsgames/hit-the-button>

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

<https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables>

<https://www.timestables.co.uk/games/>

DEEPEN IT

- James says, “If I know 7×6 , then I can solve 7×60 just as easily.” Is he correct? Explain your reasoning.
- True or false? Every other number in the 7 times table is odd. Explain your answer.
- True or false? $7 \times 6 = 7 \times 3 \times 2$ $7 \times 6 = 7 \times 3 + 3$
Explain your reasoning.

