



Key Instant Recall Facts

Year 4 – Autumn 1

Key Vocabulary

multiplication
division
times tables
multiply
divide
rapid recall
array

I aspire to know the multiplication and division facts for the 6x table.

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.

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

x 4

1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1

6 6 x 4 = 24

$42 \div 6 = 7$

42					
7	7	7	7	7	7

Key Questions

What is 6 multiplied by 5?

What is 6 times 8?

What are 7 lots of 6?

What is product of 6 and 9?

What is 48 grouped into 6s?

What is 30 divided by 6?

What is 36 shared by 6?

Your Home learning this half term...

Challenge 1: Making number facts	Can you use counters or objects to make the arrays for the 6 times tables?
Challenge 2: Finding all the facts	Can you make a poster to display the multiplication and division facts. This could be placed somewhere in the house that is on show and passed often.
Challenge 3: Develop your fluency 	Play hit the button – How many can you get correct in 1 minute? https://www.topmarks.co.uk/maths-games/hit-the-button
Challenge 4: Increase your fluency	Can you test yourself? Ask an adult to give you some 6 times table questions and time how long it takes you to answer them. Can you answer each one in 6 seconds?
Challenge 5: Embed your knowledge 	Can you complete the times tables activities on this website? https://www.timestables.co.uk/6-times-table.html
Challenge 6: Apply your number facts knowledge	Create bingo cards with multiples of 6 (up to $12 \times 6 = 72$). Call out multiplication facts (e.g., "6 times 7"). Players mark the answers on their cards.

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 family of the day.

