

Key Instant Recall Facts

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

- I know the multiplication and division facts for the 4 times table.

Key Vocabulary:

multiply
divide
multiple
factor
product
commutative
array

Stem sentences to use:

___ groups of 4 make ____.
 $4 \times \underline{\quad} = \underline{\quad}$, so $\underline{\quad} \div 4 = \underline{\quad}$.
I know ___ is a multiple of 4 because ____.

Suggested activities:

Array Building

- Use counters, Lego bricks, or coins to make arrays of 4.
- Ask questions such as, "How many are in 6 groups of 4?" or "Can you show 24 as groups of 4?"

Skip Counting in 4s

- Count forwards and backwards in 4s while walking, clapping, or jumping.
- Practise the pattern: 4, 8, 12, 16, 20...

Fact Family Cards

- Write multiplication facts on one set of cards (e.g. $4 \times 7 = 28$) and matching division facts on another ($28 \div 4 = 7$).
- Mix them up and match each multiplication fact with its related division fact.

Around the House Hunt

- Find groups of 4 around the home, such as chair legs, wheels, or sets of toys.
- Ask questions like, "If there are 5 groups of 4, how many altogether?" or "There are 32 items. How many groups of 4 is that?"

Beat the Clock

- Spend 5 minutes each day answering quick multiplication and division questions for the 4 times table.
- Try to beat yesterday's score while focusing on accuracy as well as speed.

BBC

<https://www.bbc.co.uk/bitesize/articles/zk6vn9q>

Topmarks

<https://www.topmarks.co.uk/maths-games/7-11-years/multiplication-and-division>

Array



4 rows of 7 =

$4 \times 1 = 4$	$4 \div 4 = 1$	$4 \div 1 = 4$
$4 \times 2 = 8$	$8 \div 4 = 2$	$8 \div 2 = 4$
$4 \times 3 = 12$	$12 \div 4 = 3$	$12 \div 3 = 4$
$4 \times 4 = 16$	$16 \div 4 = 4$	$16 \div 4 = 4$
$4 \times 5 = 20$	$20 \div 4 = 5$	$20 \div 5 = 4$
$4 \times 6 = 24$	$24 \div 4 = 6$	$24 \div 6 = 4$
$4 \times 7 = 28$	$28 \div 4 = 7$	$28 \div 7 = 4$
$4 \times 8 = 32$	$32 \div 4 = 8$	$32 \div 8 = 4$
$4 \times 9 = 36$	$36 \div 4 = 9$	$36 \div 9 = 4$
$4 \times 10 = 40$	$40 \div 4 = 10$	$40 \div 10 = 4$
$4 \times 11 = 44$	$44 \div 4 = 11$	$44 \div 11 = 4$
$4 \times 12 = 48$	$48 \div 4 = 12$	$48 \div 12 = 4$