

Learning Times Tables

Useful Tips

- Stick to one table at a time to minimise confusion.
- Start with chanting and writing them out slowly in order.
- Then move on to completing the answers quickly in order – on paper or verbally with your child.
- Finally, move on to completing the answers in any order.
- Keep reminding your child that 3×4 is the same as 4×3 – this effectively halves the number of tables facts children have to learn.
- Each table has a square number 3×3 , 7×7 etc. These are special numbers that can act as a memory hook – emphasise them!
- Talk about the numbers as you are encountering them “ $5 \times 7 = 35$ that's our house number” – this makes more memory hooks. Songs and rhymes help to remember trickier questions, such as 5678 56 is 7×8

Games to Try at Home

Super Fingers!

This is a game for two players.

The game is basically a version of rock, paper, scissors but with numbers. Two players count to 3 and then make a number using their fingers.

Both players then have to multiply both numbers together and the quickest wins.

Multiplication Snap!

You will need a deck of cards for this game.

1. Flip over the cards as though you are playing snap.
2. The first to say the fact based on the cards turned over (2 and 3 say 6) gets the card.
3. The person to get all of the cards wins.

36 Essential Facts to Learn

x2	x3	x4	x5	x6	x7	x8	x9
$2 \times 2 = 4$							
$3 \times 2 = 6$	$3 \times 3 = 9$						
$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$					
$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$				
$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$			
$7 \times 2 = 14$	$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 5 = 35$	$7 \times 6 = 42$	$7 \times 7 = 49$		
$8 \times 2 = 16$	$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 5 = 40$	$8 \times 6 = 48$	$8 \times 7 = 56$	$8 \times 8 = 64$	
$9 \times 2 = 18$	$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 6 = 54$	$9 \times 7 = 63$	$9 \times 8 = 72$	$9 \times 9 = 81$

Useful websites

- <https://www.topmarks.co.uk/maths-games/hit-the-button>
- <https://play.trockstars.com/auth/school/student/30021/password>
- <https://play.trockstars.com/auth/school/student/30021/password>
- <https://www.timestables.co.uk/times-tables-memory.html>
- <https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

Times Table Tricks

11 x table.

Write 2 of the same digit throughout the 11 x table up.

e.g. $3 \times 11 = 33$.

$10 \times 11 = 110$ – add a 0 onto the end of 11

$11 \times 11 = 121$ – split the eleven apart and add the two digits to get the middle 1 2 1

$11 \times 12 = 132$ – split the twelve apart and add the two digits to get the middle 1 3 2

Trick sheet.

Rhymes:

8×6 - 6 and 8 are running late, how many minutes? 48

8×7 - 5 6 7 8 , $8 \times 7 = 56$

7×6 - 7 and 6 live in a shoe, their shoe size is 42

6×6 - bag of sticks, the answer is 36.

8×8 - I ate and I ate until I was sick on the floor $8 \times 8 = 64$

7×7 - wakey, wakey, rise and shine, $7 \times 7 = 49$

12×12 - give me more, more, more, $12 \times 12 = 144$.

9 x table.

Look at the other number and drop it by one.

e.g. 9×8

$8 - 1 = 7$ so it must start with a 7. How many more to make 9?

72

12 x table.

12	24	36	48	60
----	----	----	----	----

1×12 keep the tens digit the same as the question, double it to get the ones digit.

72	84	96	108	120	132	144
----	----	----	-----	-----	-----	-----

Look at the question and add one to it for the tens.

e.g. $6 \times 12 = 6 + 1 = 7$ so it must start with a 7.

$$6 \times 8 = 48$$

6 and 8 are running late, how many minutes?

48

$$7 \times 6 = 42$$

7 and 6 live in a shoe, their shoe size is 42.

$$7 \times 8 = 56$$

$$8 \times 7 = 56$$

$$5678, 7 \times 8 = 56$$

$$6 \times 6 = 36$$

6 x 6, bag of sticks, the answer is 36.

$$8 \times 8 = 64$$

I ate and I ate until I was sick on the floor. $8 \times 8 = 64$

$$7 \times 7 = 49$$

Wakey, wakey, rise and shine, $7 \times 7 = 49$.

$$12 \times 12 = 144$$

12 x 12 give me more, more, more.

$$12 \times 12 = 144.$$