



Multiplication Tables Check

PRESENTATION TO PARENTS



GOV.UK

The multiplication tables check (MTC) is statutory for all year 4 pupils registered at state-funded maintained schools, special schools or academies, including free schools, in England.

The purpose of the MTC is to determine whether pupils can recall their times tables fluently, which is essential for future success in mathematics. It will help schools to identify pupils who have not yet mastered their times tables, so that additional support can be provided.

In 2025, schools must administer the MTC to all eligible year 4 pupils between Monday 2 June and Friday 13 June.



Introduction/background

Primary-school children are expected to know all their times table up to **12x12**.

Under the current **National Curriculum**, children are supposed to know their times tables by the end of **Year 4**.

The **Multiplication Tables Check (MTC)** was officially announced by the Department for Education (DfE) in September 2017.

<https://www.gov.uk/government/collections/multiplication-tables-check>

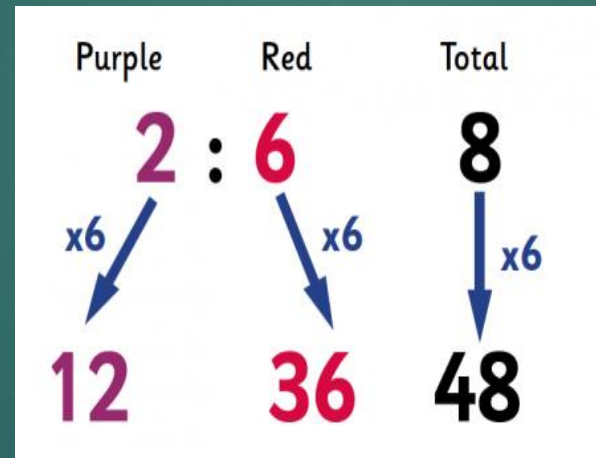
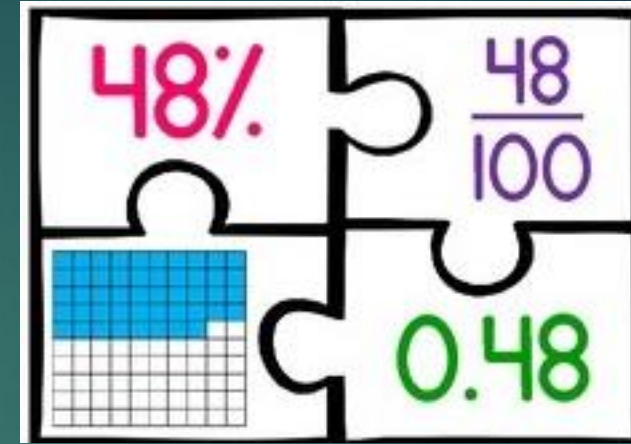
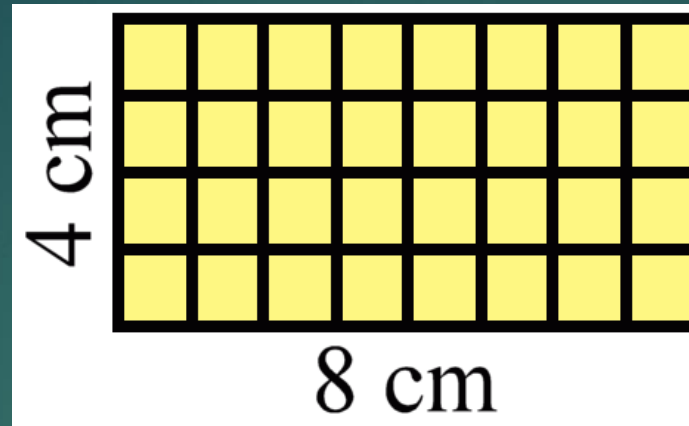
Why?



The DfE says that the check is part of a new focus on mastering numeracy, giving children the skills and knowledge they need for secondary school and beyond. **The purpose of the MTC is to determine whether Y4 pupils can recall their multiplication tables fluently** (being able to answer times tables questions accurately and quickly, without having to work out the answers).



$$\begin{array}{r}
 756 \\
 \times 32 \\
 \hline
 1512 \\
 + 22680 \\
 \hline
 \boxed{24192}
 \end{array}$$



Year 6
SATs



Why is Multiplication important?



How will the children be tested?

- ▶ **Children will be tested using an on-screen check (on a tablet, not a computer), where they will have to answer multiplication questions against the clock.**
- ▶ Calculators and wall displays that could provide children with answers will be removed from the room the MTC is taking place in.



The test

The test will last no longer than 5 minutes and is similar to other tests already used by primary schools. Their answers will be marked instantly.

Children will have 6 seconds to answer each question in a series of 25. Each question will be worth one mark and will be presented to the child in this format: e.g. $3 \times 4 = \underline{\hspace{2cm}}$



The test

Questions will be selected from the 121 number facts that make up the multiplication tables from 2 to 12, **with a particular focus on the 6, 7, 8, 9 and 12 times tables** as they are considered to be the most challenging.

Each question will only appear once in any 25-question series, and children **won't be asked to answer reversals** of a question as part of the check (so if they've already answered 3×4 they won't be asked about 4×3).



The test

Once the child has inputted their answer on the computer / device they are using, there will be a three-second pause before the next question appears. Children will be given the opportunity to practise answering questions in this format before the official check begins.

The six-second time limit per question has been decided on by the DfE because it should allow children enough time to demonstrate their recall of times tables without giving them the time to work out the answers to each question.

Pupil voice

- ▶ 'I was a bit anxious but when I got to the test, I realised it could help me learn my times tables.'
- ▶ 'I thought that I didn't know my times tables but when I got to the test I just knew them all. I felt amazed at what I could achieve.'
- ▶ 'At first I felt nervous about it but then I realised it doesn't matter how many you get, it helps you learn.'
- ▶ 'It helped to practise before the real thing.'

How will the MTC results be reported?



- ▶ Pupils' individual results will be made available to schools, and the Department for Education will report national results to track how they change over time.
- ▶ Schools will be required to report the results to parents or carers.
- ▶ School-level results won't be made publicly available or be used in league / performance tables.

What if a child doesn't do well in the MTC?



- ▶ **There will be no "pass mark" (expected standard threshold) and no child will "fail" the test.**
- ▶ **Multiplication facts** will be the only things tested (there will be no testing of children's knowledge of division facts or problem-solving in the check).
- ▶ The DfE says the purpose of the check is to help teachers identify which children are falling behind and target areas where they're not being given a chance to succeed.

How can you help your child practise their times tables?



The best way to keep the test stress-free is to work some times tables practice into your daily routine well in advance. With regular practice, your child will get used to tackling these kind of questions with confidence.



Times table tips

Wall charts show all the answers for a particular times table. You could download these for free from

<https://www.oxfordowl.co.uk/for-home/maths/help-with-times-tables/>

- ▶ Stick them up somewhere they'll be seen often. For instance, you could put them over the sink so that your child will see them when they're brushing their teeth. You'll be amazed how quickly they learn when they see these number facts every day!



Times table tips

- ▶ Practising times tables by rote.
- ▶ Asking your child multiplication questions out of order – such as ‘What’s 11×12 ? What’s 5×6 ?’
- ▶ Asking your child the related division facts: ‘What’s 8 divided by 4? What’s 9 divided by 3?’



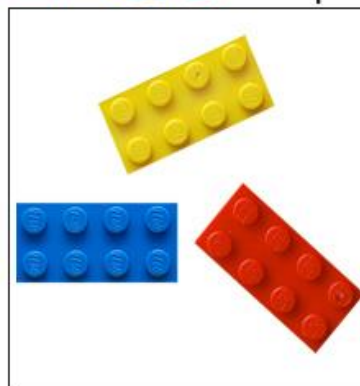
Times table tips

- ▶ **Using arrays** to help your child memorise times tables – you can use fun objects like Smarties or Lego bricks to make it more entertaining.
- ▶ Giving your child **real life word problems** to test their skills.
- ▶ When you go shopping ask questions such as: 'If there are 8 boxes of juice in a pack, how many in 4 packs?'

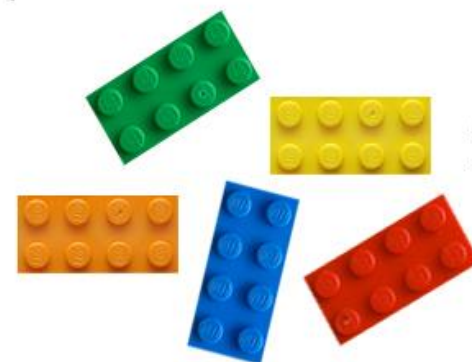


Arrays

LEGO Multiplication: Groups of



3 groups of 8
 $3 \times 8 = 24$

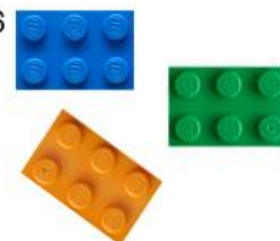


5 groups of 8
 $5 \times 8 = 40$



2 groups of 4
 $2 \times 4 = 8$

3 groups of 6
 $3 \times 6 = 18$





Times table tips

- ▶ Singing times tables BBC Super movers e.g.
<https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-6-times-table-with-fred-the-red/zrq3xyc>



Online apps such as TT Rockstars

Each child has had a login and password for **TT Rockstars** for a year.

Each week for **homework**, it is expected that every child spends some time on TT Rockstars practising the times tables.

In the lead up to the test, each Year 4 class will have two short sessions per week between 9.00 and 9.15 for TT Rockstars.

The children will have the opportunity to do a practice test on the MTC site so that they are familiar with the format.

Times Table Practice Booklet G
6 Times Table

Name: _____

Class: _____

New facts in this booklet:

$$6 \times 6 = 36$$

$$7 \times 6 = 42$$

$$9 \times 6 = 54$$

1		2	
$6 \times 5 =$ _____	$6 \times 6 =$ _____	$6 \times 3 =$ _____	$3 \times 6 =$ _____
$36 \div 6 =$ _____	$24 \div 6 =$ _____	$2 \times 6 =$ _____	$30 \div 6 =$ _____
$4 \times 6 =$ _____	$6 \times 2 =$ _____	$30 \div 5 =$ _____	$4 \times 6 =$ _____
$12 \div 6 =$ _____	$6 \times 4 =$ _____	$6 \times 2 =$ _____	$36 \div 6 =$ _____
$6 \times 2 =$ _____	$4 \times 6 =$ _____	$6 \times 2 =$ _____	$5 \times 6 =$ _____
$6 \times 3 =$ _____	$30 \div 5 =$ _____	$5 \times 6 =$ _____	$2 \times 6 =$ _____
$5 \times 6 =$ _____	$2 \times 6 =$ _____	$6 \times 5 =$ _____	$6 \times 5 =$ _____
$4 \times 6 =$ _____	$6 \times 5 =$ _____	$12 \div 2 =$ _____	$6 \times 6 =$ _____
$3 \times 6 =$ _____	$6 \times 6 =$ _____	$4 \times 6 =$ _____	$18 \div 3 =$ _____
$18 \div 3 =$ _____	$2 \times 6 =$ _____	$4 \times 6 =$ _____	$4 \times 6 =$ _____
$30 \div 6 =$ _____	$6 \times 5 =$ _____	$3 \times 6 =$ _____	$6 \times 2 =$ _____
$6 \times 4 =$ _____	$6 \times 5 =$ _____	$24 \div 6 =$ _____	$6 \times 2 =$ _____
$6 \times 4 =$ _____	$12 \div 2 =$ _____	$3 \times 6 =$ _____	$6 \times 6 =$ _____
$6 \times 3 =$ _____	$5 \times 6 =$ _____	$2 \times 6 =$ _____	$6 \times 4 =$ _____
$6 \times 3 =$ _____	$5 \times 6 =$ _____	$6 \times 3 =$ _____	$12 \div 6 =$ _____
$3 \times 6 =$ _____	$18 \div 6 =$ _____	$6 \times 5 =$ _____	$6 \times 6 =$ _____
$2 \times 6 =$ _____	$6 \times 5 =$ _____	$5 \times 6 =$ _____	$6 \times 4 =$ _____
$24 \div 4 =$ _____	$6 \times 6 =$ _____	$18 \div 6 =$ _____	$24 \div 4 =$ _____
$4 \times 6 =$ _____	$6 \times 2 =$ _____	$6 \times 4 =$ _____	$6 \times 3 =$ _____
$6 \times 6 =$ _____	$3 \times 6 =$ _____	$5 \times 6 =$ _____	$2 \times 6 =$ _____

First part of 2 times table

21		22	
$6 \times 10 =$ _____	$2 \times 9 =$ _____	$8 \times 6 =$ _____	$2 \times 3 =$ _____
$3 \times 2 =$ _____	$6 \times 8 =$ _____	$32 \div 8 =$ _____	$8 \times 9 =$ _____
$18 \div 2 =$ _____	$14 \div 2 =$ _____	$8 \times 8 =$ _____	$72 \div 8 =$ _____
$8 \times 7 =$ _____	$8 \times 6 =$ _____	$5 \times 2 =$ _____	$6 \times 3 =$ _____
$3 \times 3 =$ _____	$8 \times 3 =$ _____	$9 \times 2 =$ _____	$4 \times 9 =$ _____
$6 \times 6 =$ _____	$16 \div 4 =$ _____	$4 \times 5 =$ _____	$10 \times 9 =$ _____
$3 \times 4 =$ _____	$8 \times 9 =$ _____	$70 \div 10 =$ _____	$8 \times 5 =$ _____
$6 \times 5 =$ _____	$3 \times 8 =$ _____	$3 \times 8 =$ _____	$42 \div 6 =$ _____
$40 \div 8 =$ _____	$7 \times 5 =$ _____	$8 \times 8 =$ _____	$6 \times 6 =$ _____
$10 \times 4 =$ _____	$7 \times 2 =$ _____	$2 \times 2 =$ _____	$3 \times 5 =$ _____
$6 \times 7 =$ _____	$8 \div 4 =$ _____	$5 \times 3 =$ _____	$10 \times 6 =$ _____
$54 \div 6 =$ _____	$2 \times 6 =$ _____	$21 \div 3 =$ _____	$5 \times 4 =$ _____
$8 \times 8 =$ _____	$4 \times 5 =$ _____	$7 \times 3 =$ _____	$18 \div 3 =$ _____
$7 \times 4 =$ _____	$8 \times 8 =$ _____	$5 \times 9 =$ _____	$9 \times 6 =$ _____
$2 \times 8 =$ _____	$27 \div 3 =$ _____	$3 \times 4 =$ _____	$6 \times 9 =$ _____
$4 \times 7 =$ _____	$2 \times 2 =$ _____	$3 \times 3 =$ _____	$2 \times 10 =$ _____
$9 \times 8 =$ _____	$6 \times 4 =$ _____	$40 \div 10 =$ _____	$8 \times 3 =$ _____
$32 \div 4 =$ _____	$10 \times 7 =$ _____	$4 \times 7 =$ _____	$30 \div 10 =$ _____
$10 \times 5 =$ _____	$9 \times 4 =$ _____	$2 \times 9 =$ _____	$8 \times 10 =$ _____
$4 \times 6 =$ _____	$2 \times 3 =$ _____	$7 \times 4 =$ _____	$4 \times 6 =$ _____

All times table facts learnt so far (10, 5, 2, 4, 8, 3 and 6 times tables)



<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

<https://play.ttrockstars.com/auth/school/teacher>