



MAIN MENU **Multiplication Tables Check** Time left: 2

$3 \times 8 =$

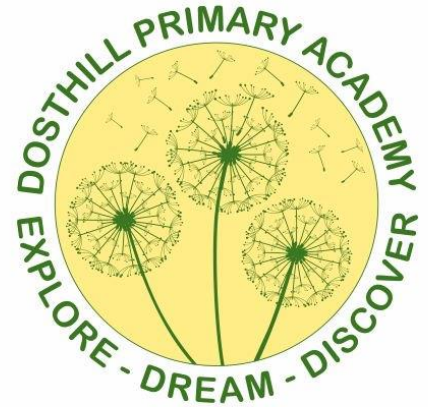
1	2	3
4	5	6
7	8	9
<input type="button" value="⌫"/>	0	ENTER

Time allowed: 6 seconds  
Tables selected: All

**Question 1 of 25** **MATHSFRAME**

# Year 4

# 2022 Multiplication Tables check



*“Leaving primary school with a fundamental grasp of basic numeracy is important as leaving being able to read. And just as the phonics check has helped more children learn to read, this will ensure more pupils know their times tables.”*

*Nick Gibb, schools minister*

# Year 4 Multiplication check



**Information for parents:**  
2023 multiplication tables check



Standards  
& Testing  
Agency

## What is the Year 4 multiplication tables check?

It is an **on-screen check** consisting of **25 times table questions**. Your child will be able to answer **3 practice questions** before taking the actual check. They will then have **6 seconds** to answer each question. On average, the check should take no longer than 5 minutes to complete.

Questions about the **six, seven, eight, nine, and 12 times tables** are likely to come up most often, as these are the hardest for most children to learn. It's a good idea to focus on these tricky times tables with your child.

## Why are we completing the check?

The purpose of the check is to determine whether your child can **fluently** recall their times tables up to 12, which is essential for future success in mathematics. It will also help your child's school to identify if your child may need additional support.

## When is the check going to happen?

Every school in England will take part in the check in **June 2023**. Monday 5<sup>th</sup> June until 16<sup>th</sup> June 2023 Results will be shared however there is no 'pass mark' for the check.

# **How we as a school will help your child prepare for the Multiplication Check**

- Assess each child to find out which times tables they know and which they need to practice.
- Children will spend time every week learning and practicing their times tables
- Strategies will be taught to the children to help them learn ones they find tricky.
- Children will be given opportunities to practice typing in their answers on an Ipad or computer.
- 'TTRockstars' will be used to motivate and encourage children to practice their times tables at home and school. This has proven to have impact on fluency.

## Ideas for how you as parents can help prepare and support your child

Children need to be able to recall any times tables answer within two or three seconds - *preferably in one second*. That leaves no time for counting the way up to the answer from  $2x$ ,  $3x$ ,  $4x$  etc - the answer has to pop out of memory pretty much instantly.

<https://www.oxfordowl.co.uk/for-home/advice-for-parents/help-with-times-tables#videos>

## Firstly, find out which tables they know and don't know

[illegible]

## Tips and Tricks for Learning Each Times Tables

- The 2s, 4s and 8 times tables are doubles of each other - with many common answers -  $2 \times 8 = 16$ ,  $4 \times 4 = 16$ ,  $8 \times 2 = 16$
- The nine times tables can use the ten times tables and work back or compensate - so for  $5 \times 9$ , think  $(5 \times 10) - 5 = 50 - 5 = 45$ , also note that the digits in the answer always add to 9.
- The 3 and 6 times table are tricky. Do the 3s first then the 6s - expect these to be more difficult and make an allowance in time.
- The 7 times tables are hard but if you've done the other tables first you'll find you've encountered most of the 7s already elsewhere - such as  $7 \times 4 = 28$ ,  $7 \times 3 = 21$

$7 \times 8 = 56$  is the hardest times table! - but tell this to your child and make a big deal about it and they'll never forget it!

# 5678

# **1. Get them familiar with multiplication concepts**

\*The first step with multiplication is to make sure your child is familiar with what the numbers in multiplications really represent.

\* Before they can cope with multiplication they need to be confident with sequences of numbers.

Children begin by practising counting in twos and threes, making number patterns and solving simple mathematical problems.

\*Counting objects, making sets of similar objects and using blocks, (LEGO )can all help to increase your child's confidence with multiplication facts.

## **2. Double your numbers**

If your child learns how to double numbers this will help them to make connections between different times tables, for example the 2, 4, and 8 times tables.

## **3. Practise tables as a time-filler**

When you're sitting at traffic lights or waiting in a queue, it is the perfect opportunity for a bit of times table practice! It's always better (for both your child and you!) to just spend a few minutes reciting or testing times tables rather than going into overdrive and spending too long practising them.



#### 4. Use the right vocabulary

Make sure you are using the right language to talk about multiplication.

Take a simple multiplication sum, such as  $3 \times 5 = 15$ . The 3 and the 5 are what we call **factors** of 15 and that 15 is a **multiple** of 3 and 5.

You can also demonstrate this by looking at the whole 3 times table written out in a list. Point out that **each answer is a number that is a multiple of 3**.

Finally, you can give your child a few calculations to solve that use multiples of 3.

#### 5. Help them with the ones they find tricky

There are usually one or two multiplication facts in each times table that are more difficult. When you notice that your child is stumbling over the same fact each time, try to give them extra practice. You could even get your child to write the fact out in a fun way on a piece of card and then stick it somewhere prominent (like on the fridge) so that they have an extra reminder!

#### 6. Use a number grid

Printing off a simple 10 x 10 number grid can be a great way to demonstrate how times tables relate to number sequences. You can get your child to colour in multiples of different numbers on different number squares so that they can clearly see the number patterns.

## **7. Divide and conquer**

As well as learning the times tables, your child should also know the division facts for each times table. (For example, if 3 times 5 is 15, 15 divided by 5 is 3, and 15 divided by 3 is 5.)

## **8. Make it real**

The danger with too much rote learning of times tables is that children can fail to see the use of times tables in real life. Try to take opportunities to get your child to use multiplication in problem solving, for example working out quantities for scaling up a recipe, or calculating the price of more than one item of shopping.

## **9. Create a challenge**

Make it fun by turning times table practice into a competition or challenge for your child, by timing them and keeping a record of their scores. Speed grids are good for this.

## Maths games and useful websites to support learning times tables

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



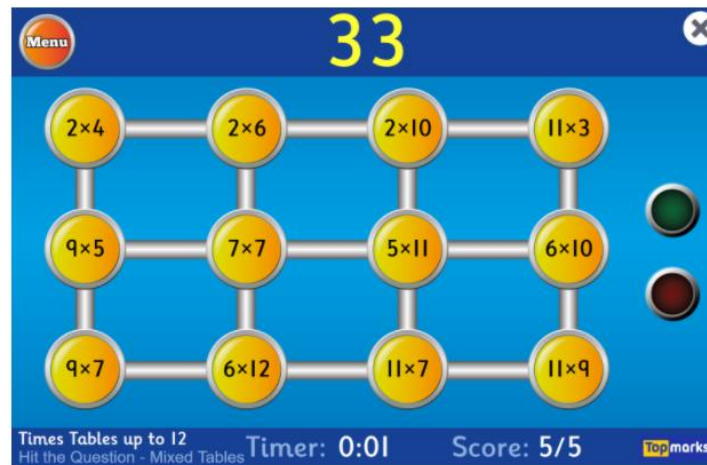
### Multiplication Kids - Math Multiplication Tables

RV AppStudios Educational

Everyone

Add to Wishlist

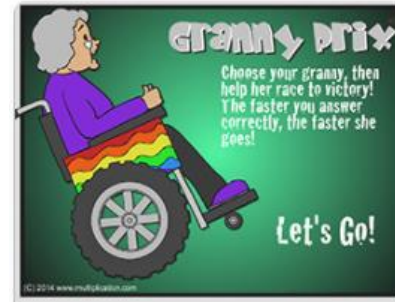
[Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](https://topmarks.co.uk)



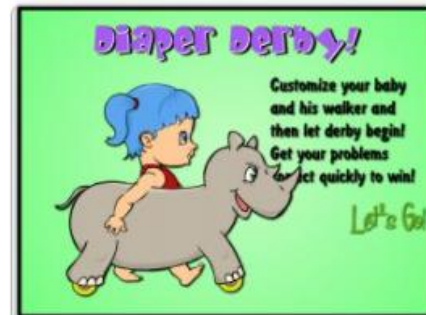
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