

# Multiplication Tables Check Information Meeting

## *A Guide to the Year 4 Multiplication Check*



# Important information about multiplication tables check (MTC)

- The MTC determines if Year 4 children can fluently recall their multiplication tables.
- They are designed to help schools identify which children require more support to learn their times tables.
- There is no 'pass' rate or threshold which means that, unlike the Phonics Screening Check, children will not be expected to re-sit the check.
- The Department for Education (DfE) will create a report about the overall results across all schools in England, not individual schools.

# When the check will take place?

- Schools must administer the multiplication tables check within the **2-week period** from **Monday 3 June 2024**.
- There is no set day to administer the check and children are not expected to take the check at the same time.
- All eligible Year 4 children in England will be required to take the check.

# How is it carried out?

## **The check will be fully digital.**

- Answers will be entered using a keyboard, by pressing digits using a mouse or using an onscreen number pad.
- Usually, the check will take less than 5 minutes for each child
- The children will have 6 seconds from the time the question appears to input their answer.
- There will be a total of 25 questions with a 3 second pause in-between questions.
- There will be 3 practice questions before the check begins.

# Specific Arrangements

**Some children will be eligible for specific arrangements:**

- **Colour contrast;**
- **Font size adjustment;**
- **'Next' button (alternative to 3-second pause); (30 minute time limit).**
- **Removing on-screen number pad;**
- **An adult to input answers;**
- **Audio version;**
- **Audible time alert;**
- **Using IPAD or computer.**

# The Check Questions

- Each child will be randomly assigned a set of questions.
- There will only be multiplication questions in the check, not division facts.
- The 6, 7, 8, 9 and 12 times tables are more likely to be asked.
- Reversal of questions (e.g.  $8 \times 6$  and  $6 \times 8$ ) will not be asked in the same check.
- Children will not see their individual results when they complete the check

# Why are times tables so important?

- Supports mathematical learning, particularly aspects of number (long multiplication, short division).
- Supports other mathematical learning eg. calculating equivalent fractions, finding the area of a square/rectangle, finding fractions of amounts.
- It will help children to calculate more fluently. (Children can then focus on the method needed to complete a reasoning problem rather than being distracted with struggling to work out the times table).
- Consequently, children will feel more positive/ confident within maths.
- Children are expected to know their times tables by the end of Year 4 so that they can work confidently in Years 5/6 and beyond into secondary school.

# How will the school support your child during the MTC?

- **Part of daily maths lessons, including On The Boil, Revisit and Review**
- **Letting children make links in the maths learning- see patterns**
- **Part of Fact Fluency and Daily Counting/Recall**
- **Year 4 to practise using a computer to answer questions on-screen, including TTRS and MTC Practice**
- **Mondays and Fridays early morning work- TTRS**
- **Weekly tests**



## Time Tables - Quiz 3

Name .....

Number of Questions: 20

Testing: 2x, 5x, 10x (with inverse)

$20 \div 5 = \underline{\quad}$

$2 \times 3 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$

$10 \times 5 = \underline{\quad}$

$14 \div 2 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$9 \times 2 = \underline{\quad}$

$55 \div 5 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$22 \div 2 = \underline{\quad}$

$60 \div 10 = \underline{\quad}$

$11 \times 10 = \underline{\quad}$

$4 \times 10 = \underline{\quad}$

$20 \div 2 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$4 \div 2 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

## Time Tables - Quiz 20

Name .....

Number of Questions: 80

Testing: 2x, 3x, 4x, 5x, 6x,  
7x, 8x, 9x, 10x, 11x, 12x  
(with inverse)

$70 \div 7 = \underline{\quad}$

$8 \times 10 = \underline{\quad}$

$24 \div 8 = \underline{\quad}$

$6 \div 6 = \underline{\quad}$

$45 \div 9 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$12 \times 9 = \underline{\quad}$

$9 \times 11 = \underline{\quad}$

$12 \times 6 = \underline{\quad}$

$110 \div 11 = \underline{\quad}$

$120 \div 10 = \underline{\quad}$

$6 \times 11 = \underline{\quad}$

$60 \div 5 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$24 \div 4 = \underline{\quad}$

$10 \times 5 = \underline{\quad}$

$3 \times 12 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$12 \div 4 = \underline{\quad}$

$10 \times 9 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$11 \times 12 = \underline{\quad}$

$24 \div 6 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$1 \times 12 = \underline{\quad}$

$10 \times 4 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$12 \div 6 = \underline{\quad}$

$1 \times 8 = \underline{\quad}$

$8 \times 12 = \underline{\quad}$

$10 \times 12 = \underline{\quad}$

$10 \times 6 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$54 \div 9 = \underline{\quad}$

$1 \times 10 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$108 \div 12 = \underline{\quad}$

$8 \times 7 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$7 \times 4 = \underline{\quad}$

$7 \times 10 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$1 \times 6 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

$40 \div 8 = \underline{\quad}$

$8 \times 7 = \underline{\quad}$

$1 \times 5 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$10 \div 10 = \underline{\quad}$

$12 \times 7 = \underline{\quad}$

$1 \times 3 = \underline{\quad}$

$2 \times 3 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$66 \div 6 = \underline{\quad}$

$44 \div 11 = \underline{\quad}$

$88 \div 11 = \underline{\quad}$

$4 \times 2 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$

$11 \times 4 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$32 \div 8 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$11 \times 12 = \underline{\quad}$

$11 \times 2 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$11 \times 8 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$

$11 \times 10 = \underline{\quad}$

$10 \times 12 = \underline{\quad}$

$11 \times 1 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$8 \div 8 = \underline{\quad}$

$2 \times 11 = \underline{\quad}$

**Year 1**

**Year 2**

**Year 3**

**Year 4**

**Year 5**

**Year 6**

**Quiz 1-5**

**Quiz 6-13**

**Quiz 14-20**

**Quiz 21- 23**

# How could you support your child for the Multiplication Check?

- Ensure your child is practising their times tables recall regularly at home, for a minimum of 10 minutes per day.
- Introduce songs, rhymes, patterns, **tricks** to help your child remember their times tables.
- Times tables posters up on walls/fridges as a point of reference.
- Have fun with times tables - incorporate play and games e.g Rock, Paper, Scissors; Throw 2 Dice; Cowboys

## Useful websites to help:

<https://trockstars.com/>

<https://www.timestables.co.uk/multiplication-tables-check/>

TTRS



# APPs and Games



<https://www.topmarks.co.uk/maths-games/hit-the-button>



<https://www.timestables.co.uk/multiplication-tables-check/>

# Any Questions?

