

Year 4 Multiplication Tables
Check 2025 Presentation

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.



When the check will take place

- There will be a **2 week window** between Monday 2 June and Friday 13 June for schools to administer the check
- There is **no set day** to administer the check and children are not expected to take the check at the same time.
- All Year 4 children in England will be required to take the check.



How the check is carried out

- The check will be *fully digital*.
- Answers will be entered using a keyboard, by pressing digits using a mouse or using an on-screen 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 for the check

Some children will be eligible for specific arrangements:

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



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. 8×6 and 6×8) will not be asked in the same check.
- Children will not see their individual results when they complete the check.



More information about the questions

The Standards and Testing Agency (STA) state that they are classifying the multiplication tables by the first number (multiplier) in the question. For example, 8×3 would fall within the 8 times table.

5.2.1 Table 1 – Multiplication table limits in the MTC

Multiplication Table	Minimum number of items in each form	Maximum number of items in each form
1	Not applicable	Not applicable
2	0	2
3	1	3
4	1	3
5	1	3
6	2	4
7	2	4
8	2	4
9	2	4
10	0	2
11	1	3
12	2	4

Ways to support times table knowledge

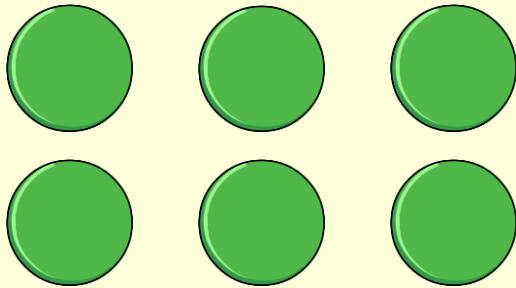
- Count and look for patterns.
- Understand that multiplication is repeated addition.
- Remember that multiplication is commutative.
- Remember that multiplication is the inverse of division.
- Recall and utilise fact families.



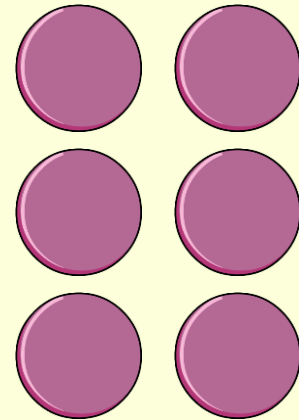
Multiplication is commutative

3×2 is the same as 2×3

Children need to understand that multiplication can be completed in any order to produce the same answer. Sometimes this link needs to be made explicit.



3 lots of 2 = 6



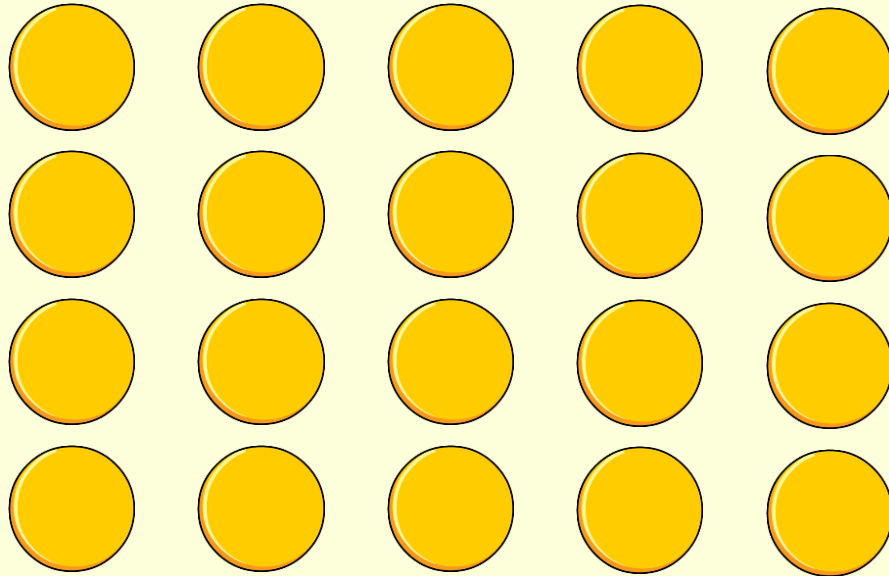
2 lots of 3 = 6



Multiplication is the inverse of division

$20 \div 5 = 4$ can be worked out because $5 \times 4 = 20$

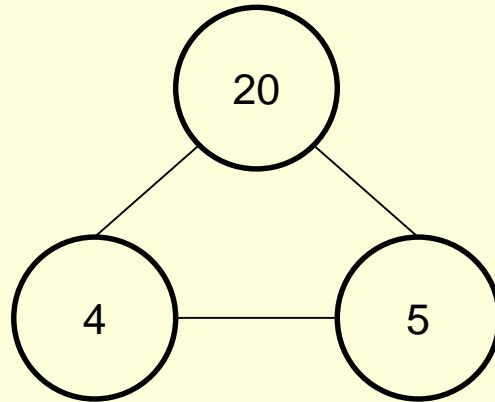
Using pictorial representations (such as arrays) is useful here for children to see the link between multiplication and division.



Fact families

$$4 \times 5 = 20, 5 \times 4 = 20, 20 \div 5 = 4, 20 \div 4 = 5$$

Due to their commutative understanding, children should also be able to see whole number families. For many children this will need to be pointed out and discussed.



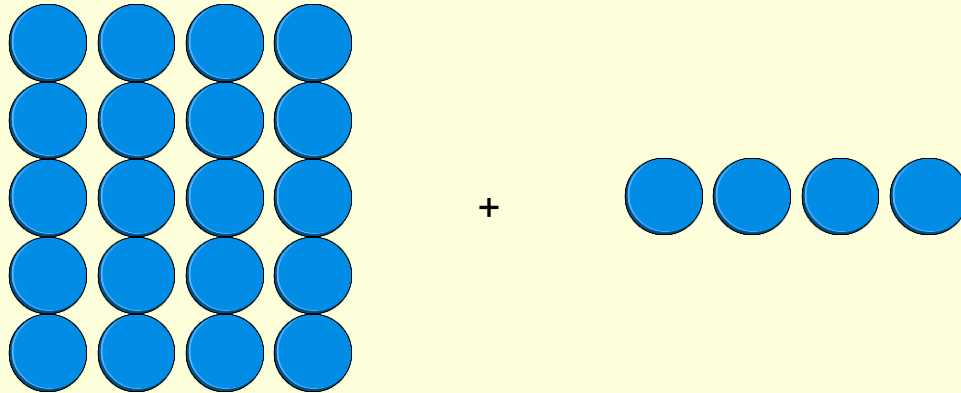
Using known facts

$$4 \times 6 = ?$$

$$\text{I know } 4 \times 5 = 20$$

$$\text{Therefore, } 20 + 4 = 24$$

By using known facts from 'easier' times tables, children should be able to find answers with increasing speed.



How best to prepare your child for the check

- Remind them that the check should last no more than 5 minutes.
- If you want to go over times tables, make them fun.
- If you have any concerns, talk to your child's teacher.
- If your child has any concerns, encourage them to talk to a trusted adult (for example, yourself, their teacher).



How best to prepare your child for the check

Songs

6 X table - <https://www.youtube.com/watch?v=e7rYbk9PNuM>
https://www.youtube.com/watch?v=I_xKoOeBFWs

7 X table - <https://www.youtube.com/watch?v=QJO3ROT-A4E>
<https://www.youtube.com/watch?v=ZEAShqCnY2M>

9 X table - <https://www.youtube.com/watch?v=HHI7InowcJk>
https://www.youtube.com/watch?v=tpCSKln_Gzc

12 X table - <https://www.youtube.com/watch?v=mFaI3089j5E>



How best to prepare your child for the check

- Online games

<https://play.ttrockstars.com/ttrs/online/game1/home>

Soundcheck - This is a practice multiplication check.

Garage - This will improve your heatmap - you can see what your children struggle with.

Studio - works on your rock speed

Jamming - You can focus on specific times tables.

Rockslam - Challenge somebody in school, including teachers

Arena - Class challenge at the same time

Festival - Challenge people from all over the world



How best to prepare your child for the check

- Online games

Hit the Button

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



How best to prepare your child for the check

- Online games

Daily 10

<https://www.topmarks.co.uk/maths-games/daily10>



How best to prepare your child for the check

- Online games

Mock MTC

<https://www.timestables.co.uk/>

