

Here is the information from the Year 4 timestables and MTC meeting on Monday 20<sup>th</sup> November 2023.





MTC stands for **Multiplication Tables Check**.

## What are they?

This is a check, introduced by the government, to ensure that every child leaves primary school knowing multiplication facts up to  $12 \times 12$ .

All children are expected to know times tables up to  $12 \times 12$  by the end of Year 4.

# What is the purpose of them?



The Year 5 and 6/ Upper Key stage 2 curriculum relies heavily on quick recall of multiplication facts up to  $12 \times 12$ .



By knowing these at the end of Year 4, we are preparing our learners for the next stage in their education journey.



They instil confidence in children- it's the key to access most Key Stage 2 Maths concepts.

# When are they?

They will take place in June, there is a two week window for these to be completed and we will notify you of the exact date closer to the time.

## JUNE 2024

SUN	MON	TUE	WED	THU	FRI	SAT
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

# How does the actual test work?

Practice question

2	×	5	=	<input type="text"/>
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## Question 10

$$8 \times 9 = \boxed{\phantom{00}}$$

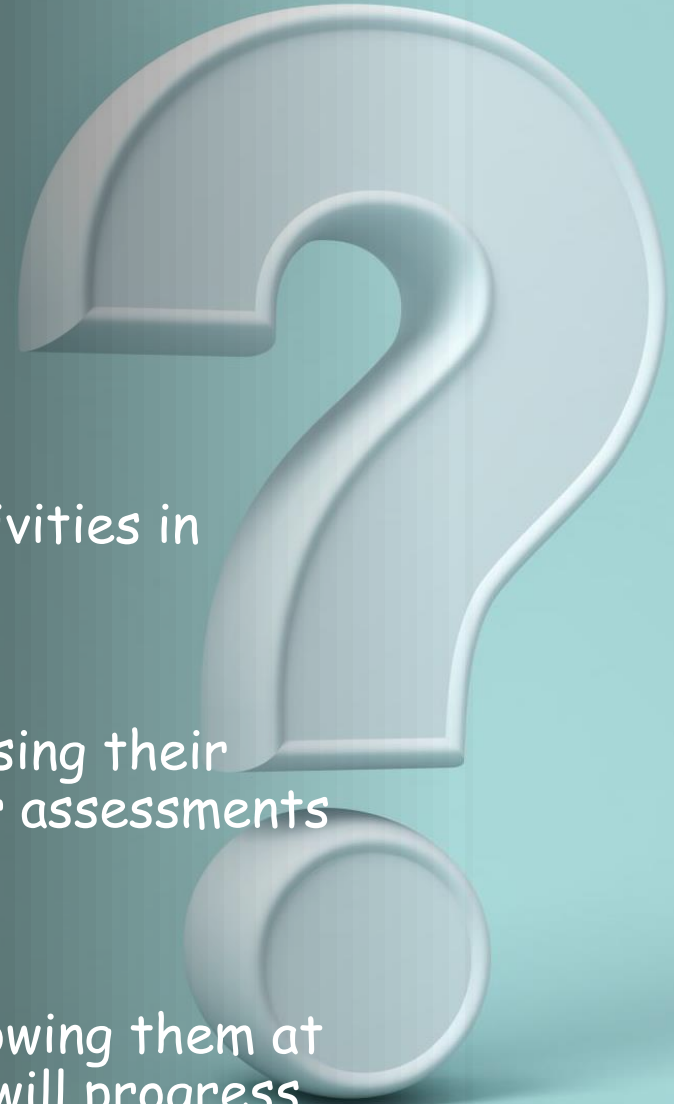
# Will I know my child's results?

Yes, we will share the results after the check.

We are completing regular tasks, teaching sessions and activities in school to support our learners.

They will be bringing booklets home to support them practising their tables, these will have been selected for them based on our assessments in school.

This will be based on either knowing the tables facts or knowing them at speed. When we know they are confident and accurate, we will progress them to the next tables facts.





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## What happens with the results?

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These will inform our teaching and the support that we offer our learners as they continue through year 4 and beyond.





## Times Tables

**36 facts** to take us up to  $9 \times 9$  – the building block facts

2 x 2	10 x 1							
3 x 2	10 x 2	5 x 3	3 x 3					
4 x 2	10 x 3	5 x 4	4 x 3	4 x 4				
5 x 2	10 x 4	5 x 5						
6 x 2	10 x 5	6 x 5	6 x 3	6 x 4	8 x 6		6 x 6	
7 x 2	10 x 6	7 x 5	7 x 3	7 x 4	8 x 7	7 x 7	7 x 6	
8 x 2	10 x 7	8 x 5	8 x 3	8 x 4	8 x 8			
9 x 2	10 x 8	9 x 5	9 x 3	9 x 4	9 x 8	9 x 7	9 x 6	9 x 9
	10 x 9							
<b>8 facts</b>	<b>9 facts</b>	<b>7 facts</b>	<b>6 facts</b>	<b>5 facts</b>	<b>4 facts</b>	<b>2 facts</b>	<b>3 facts</b>	<b>1 fact</b>
By the end of Y2: 24 facts learnt 45 facts still to learn			By end of Y3: 15 facts learnt 27 facts still to learn			By end of Y4 27 facts learnt to complete building blocks (including 11x & 12x below)		

**Year 4: 21 more facts**

11 x 2	11 x 3	11 x 4	11 x 5	11 x 6	11 x 7	11 x 8	11 x 9	11 x 10	11 x 11	
12 x 2	12 x 3	12 x 4	12 x 5	12 x 6	12 x 7	12 x 8	12 x 9	12 x 10	12 x 11	12 x 12

What order  
should  
facts be  
learnt in?

# How to support your child with learning their multiplication facts

Research shows that **10 minutes of daily** practice supports the recall of key number facts and will improve both speed and confidence.

We have sent booklets home which are the same as the ones we used in school for part of our practise sessions, daily practise of these will best support your child.

In addition to the booklets, there are many songs, games, posters, apps and many resources which will also engage your child in knowing their multiplication facts in fun ways.



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

Hit the Button: this allows you to select the facts you want to work on, whether you select the answer or the question and records scores within 1 minute.



TTRS: all pupils have a login for this.



Useful links



[Multiplication Tables Check - 2023 - Timestables.co.uk](https://www.topmarks.co.uk/maths-games/hit-the-button)

This has a similar layout to the MTC and requires typing the answer in.

This also has a range of free games based around multiplication facts.

<https://urbrainy.com/mtc/test>

This runs like the MTC and shows which facts the player gets wrong and right, along with time taken.



# Physical Resources

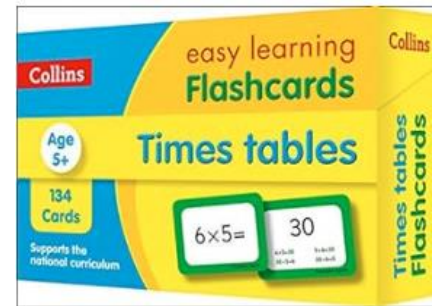
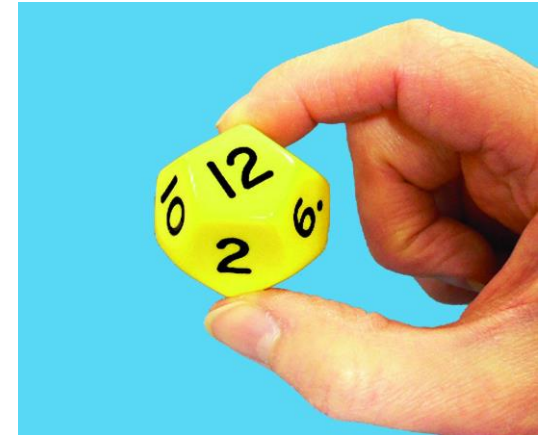


Using playing cards to multiply numbers together. Can you make the answer with cards?



Make a fortune teller with the multiplication facts that are tricky.

Rolling two 12 face dice and multiplying the numbers.



Times Tables 1 to 12			
Times 1	Times 2	Times 3	Times 4
1 x 1 = 1	1 x 2 = 2	1 x 3 = 3	1 x 4 = 4
2 x 1 = 2	2 x 2 = 4	2 x 3 = 6	2 x 4 = 8
3 x 1 = 3	3 x 2 = 6	3 x 3 = 9	3 x 4 = 12
4 x 1 = 4	4 x 2 = 8	4 x 3 = 12	4 x 4 = 16
5 x 1 = 5	5 x 2 = 10	5 x 3 = 15	5 x 4 = 20
6 x 1 = 6	6 x 2 = 12	6 x 3 = 18	6 x 4 = 24
7 x 1 = 7	7 x 2 = 14	7 x 3 = 21	7 x 4 = 28
8 x 1 = 8	8 x 2 = 16	8 x 3 = 24	8 x 4 = 32
9 x 1 = 9	9 x 2 = 18	9 x 3 = 27	9 x 4 = 36
10 x 1 = 10	10 x 2 = 20	10 x 3 = 30	10 x 4 = 40
11 x 1 = 11	11 x 2 = 22	11 x 3 = 33	11 x 4 = 44
12 x 1 = 12	12 x 2 = 24	12 x 3 = 36	12 x 4 = 48
Times 5	Times 6	Times 7	Times 8
1 x 5 = 5	1 x 6 = 6	1 x 7 = 7	1 x 8 = 8
2 x 5 = 10	2 x 6 = 12	2 x 7 = 14	2 x 8 = 16
3 x 5 = 15	3 x 6 = 18	3 x 7 = 21	3 x 8 = 24
4 x 5 = 20	4 x 6 = 24	4 x 7 = 28	4 x 8 = 32
5 x 5 = 25	5 x 6 = 30	5 x 7 = 35	5 x 8 = 40
6 x 5 = 30	6 x 6 = 36	6 x 7 = 42	6 x 8 = 48
7 x 5 = 35	7 x 6 = 42	7 x 7 = 49	7 x 8 = 56
8 x 5 = 40	8 x 6 = 48	8 x 7 = 56	8 x 8 = 64
9 x 5 = 45	9 x 6 = 54	9 x 7 = 63	9 x 8 = 72
10 x 5 = 50	10 x 6 = 60	10 x 7 = 70	10 x 8 = 80
11 x 5 = 55	11 x 6 = 66	11 x 7 = 77	11 x 8 = 88
12 x 5 = 60	12 x 6 = 72	12 x 7 = 84	12 x 8 = 96
Times 9	Times 10	Times 11	Times 12
1 x 9 = 9	1 x 10 = 10	1 x 11 = 11	1 x 12 = 12
2 x 9 = 18	2 x 10 = 20	2 x 11 = 22	2 x 12 = 24
3 x 9 = 27	3 x 10 = 30	3 x 11 = 33	3 x 12 = 36
4 x 9 = 36	4 x 10 = 40	4 x 11 = 44	4 x 12 = 48
5 x 9 = 45	5 x 10 = 50	5 x 11 = 55	5 x 12 = 60
6 x 9 = 54	6 x 10 = 60	6 x 11 = 66	6 x 12 = 72
7 x 9 = 63	7 x 10 = 70	7 x 11 = 77	7 x 12 = 84
8 x 9 = 72	8 x 10 = 80	8 x 11 = 88	8 x 12 = 96
9 x 9 = 81	9 x 10 = 90	9 x 11 = 99	9 x 12 = 108
10 x 9 = 90	10 x 10 = 100	10 x 11 = 110	10 x 12 = 120
11 x 9 = 99	11 x 10 = 110	11 x 11 = 121	11 x 12 = 132
12 x 9 = 108	12 x 10 = 120	12 x 11 = 132	12 x 12 = 144



Make a game to play.

[https://www.amazon.co.uk/Galt-Times-Tables-Games-Years/dp/B0BT1XHSQM/ref=sr\\_1\\_6?keywords=Times+Tables+Games&qid=1699608133&sr=8-6](https://www.amazon.co.uk/Galt-Times-Tables-Games-Years/dp/B0BT1XHSQM/ref=sr_1_6?keywords=Times+Tables+Games&qid=1699608133&sr=8-6)

[https://www.amazon.co.uk/Times-Tables-Flashcards-learning-Learning-ebook/dp/B086HDVLCJ/ref=sr\\_1\\_15?keywords=Times+Tables+Games&qid=1699608133&sr=8-15](https://www.amazon.co.uk/Times-Tables-Flashcards-learning-Learning-ebook/dp/B086HDVLCJ/ref=sr_1_15?keywords=Times+Tables+Games&qid=1699608133&sr=8-15)

[https://www.amazon.co.uk/Poster-Wall-chart-Childrens-Educational-WallChart/dp/B07RG8KGQ6/ref=asc\\_df\\_B07RG8KGQ6/?tag=go-ogshopuk-21&linkCode=df0&hvadid=394244085501&hvpso=&hvnetw=g&hvrnd=17346536565258177373&hvpone=&hvtwo=&hvqmt=&hvdv=c&hvdvcmdl=&hvlcint=&hvlcphy=9045343&hvtargid=pla-859421789969&pvc=1&tag=&ref=&adgrpid=77164351850&hvpone=&hvtwo=&hvadid=394244085501&hvpso=&hvnetw=g&hvrnd=17346536565258177373&hvpone=&hvtwo=&hvqmt=&hvdv=c&hvdvcmdl=&hvlcint=&hvlcphy=9045343&hvtargid=pla-859421789969](https://www.amazon.co.uk/Poster-Wall-chart-Childrens-Educational-WallChart/dp/B07RG8KGQ6/ref=asc_df_B07RG8KGQ6/?tag=go-ogshopuk-21&linkCode=df0&hvadid=394244085501&hvpso=&hvnetw=g&hvrnd=17346536565258177373&hvpone=&hvtwo=&hvqmt=&hvdv=c&hvdvcmdl=&hvlcint=&hvlcphy=9045343&hvtargid=pla-859421789969&pvc=1&tag=&ref=&adgrpid=77164351850&hvpone=&hvtwo=&hvadid=394244085501&hvpso=&hvnetw=g&hvrnd=17346536565258177373&hvpone=&hvtwo=&hvqmt=&hvdv=c&hvdvcmdl=&hvlcint=&hvlcphy=9045343&hvtargid=pla-859421789969)

# Useful links:

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- <https://www.topmarks.co.uk/maths-games/hit-the-button>
- <https://urbrainy.com/mtc/test>
- <https://www.topmarks.co.uk/number-facts/number-fact-families>
- <https://matheasily.com/multiplication-bingo.html>
- <https://maths-games.org/times-tables-games.html>
- <http://www.math-play.com/times-table-game-8/times-table-game-8.html>

This website has some great activities to either create, download or purchase:

- <https://www.teachingexpertise.com/classroom-ideas/times-tables-games/>

Further government guidance about the MTC:

- [https://assets.publishing.service.gov.uk/media/6543c1ef9e05fd0014be7c64/2024\\_Information\\_for\\_parents\\_Multiplication\\_tables\\_check\\_PDFA\\_v1.1.pdf](https://assets.publishing.service.gov.uk/media/6543c1ef9e05fd0014be7c64/2024_Information_for_parents_Multiplication_tables_check_PDFA_v1.1.pdf)

## MULTIPLICATION CHART

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

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