



# Timestables

---

IN SCHOOL AND AT HOME

# Multiplication Tables Check (MTC)

---

Multiplication Tables Check for all Year 4 children.

Started in 2022.

All Year 4 children will sit the 'Multiplication Tables Check.'

The MTC check is - **2 weeks in June (2<sup>nd</sup> - 13<sup>th</sup> June)**

# What does the MTC look like?

---

25 random questions.

Only multiplication questions up to  $12 \times 12$ . (e.g.  $4 \times 5$ ;  $6 \times 7$ ;  $9 \times 3$  etc.)

Straightforward and completed on an iPad.

Children have a maximum of 6 seconds to answer a question.

One question appears at a time on a screen and can be seen for 6 seconds before the next question appears.

Children type in the answers.

# Multiplication Tables Check (MTC)

---

Year groups 2, 3 and 4 are the key year groups in school where the children are learning new times tables for the first time.

During the autumn and spring terms, all of your children have been exploring, learning and understanding their times tables at school.

The expectations are:

Year 2	Year 3	Year 4
10X	3X	6X
2X	4X	9X
5X	8X	7X
		11X
		12X

Use this link to practice the MTC at home:

[MTC practice test](#)

# Facts by year group

Year 1	Year 2			Year 3			Year 4				
1x	10x	5x	2x	4x	8x	3x	6x	9x	7x	11x	12x
		half 10x		double 2x	double 4x		double 3x	add 6x to 3x		add 10x to 1x	add 10x to 2x
$0 \times 1 = 0$	$0 \times 10 = 0$	$0 \times 5 = 0$	$0 \times 2 = 0$								
$1 \times 1 = 1$											
$2 \times 1 = 2$	$2 \times 10 = 20$	$2 \times 5 = 10$	$2 \times 2 = 4$								
$3 \times 1 = 3$	$3 \times 10 = 30$	$3 \times 5 = 15$	$3 \times 2 = 6$	$3 \times 4 = 12$	$3 \times 8 = 24$	$3 \times 3 = 9$					
$4 \times 1 = 4$	$4 \times 10 = 40$	$4 \times 5 = 20$	$4 \times 2 = 8$	$4 \times 4 = 16$							
$5 \times 1 = 5$	$5 \times 10 = 50$	$5 \times 5 = 25$									
$6 \times 1 = 6$	$6 \times 10 = 60$	$6 \times 5 = 30$	$6 \times 2 = 12$	$6 \times 4 = 24$	$6 \times 8 = 48$	$6 \times 3 = 18$	$6 \times 6 = 36$				
$7 \times 1 = 7$	$7 \times 10 = 70$	$7 \times 5 = 35$	$7 \times 2 = 14$	$7 \times 4 = 28$	$7 \times 8 = 56$	$7 \times 3 = 21$	$7 \times 6 = 42$	$7 \times 9 = 63$	$7 \times 7 = 49$		
$8 \times 1 = 8$	$8 \times 10 = 80$	$8 \times 5 = 40$	$8 \times 2 = 16$	$8 \times 4 = 32$	$8 \times 8 = 64$						
$9 \times 1 = 9$	$9 \times 10 = 90$	$9 \times 5 = 45$	$9 \times 2 = 18$	$9 \times 4 = 36$	$9 \times 8 = 72$	$9 \times 3 = 27$	$9 \times 6 = 54$	$9 \times 9 = 81$			
$10 \times 1 = 10$	$10 \times 10 = 100$										
$11 \times 1 = 11$	$11 \times 10 = 110$	$11 \times 5 = 55$	$11 \times 2 = 22$	$11 \times 4 = 44$	$11 \times 8 = 88$	$11 \times 3 = 33$	$11 \times 6 = 66$	$11 \times 9 = 99$	$11 \times 7 = 77$	$11 \times 11 = 121$	
$12 \times 1 = 12$	$12 \times 10 = 120$	$12 \times 5 = 60$	$12 \times 2 = 24$	$12 \times 4 = 48$	$12 \times 8 = 96$	$12 \times 3 = 36$	$12 \times 6 = 72$	$12 \times 9 = 108$	$12 \times 7 = 84$	$12 \times 11 = 132$	$12 \times 12 = 144$
13 facts in Y1	33 facts in Y2			21 facts in Y3			15 facts in Y4				

# School Promises

---

1. All children will have 30 minutes a week on TTRockstars during school time.
2. Timestables are practised everyday through songs, chanting, games or other activities.
3. Interventions are put in place to offer additional support to those children who need it. We would really appreciate your support at home with this – 5 minutes practice a day is hugely beneficial.

# Tournaments

---

There will be a Key Stage (Year 3 and Year 4) battle of the classes every week.

Which ever class earns the highest average points on TT Rockstars that week wins a certificate.

Every win earns the class a guitar on the board in the hall.

When a class wins 10 guitars they will have their own Cinema Experience!

# Timestables at home

Through the year, your children will focus on specific timetables – your class teacher will send you documents on class dojo to support practice at home.

**Key Instant Recall Facts (KIRFS)**  
Year 4 – Autumn 2

**To recall my 6 timestable and related division facts**

**6**

$6 \times 1 = 6$     $6 \div 6 = 1$   
 $6 \times 2 = 12$     $12 \div 6 = 2$   
 $6 \times 3 = 18$     $18 \div 6 = 3$   
 $6 \times 4 = 24$     $24 \div 6 = 4$   
 $6 \times 5 = 30$     $30 \div 6 = 5$   
 $6 \times 6 = 36$     $36 \div 6 = 6$   
 $6 \times 7 = 42$     $42 \div 6 = 7$   
 $6 \times 8 = 48$     $48 \div 6 = 8$   
 $6 \times 9 = 54$     $54 \div 6 = 9$   
 $6 \times 10 = 60$     $60 \div 6 = 10$   
 $6 \times 11 = 66$     $66 \div 6 = 11$   
 $6 \times 12 = 72$     $72 \div 6 = 12$

Please help your child learn all of these facts by heart.  
Remember  $0 \times 6 = 0$

**Facts for Free:**  
Remember multiplication can be completed in any order; you already know these facts (2, 3, 4, 5, 8, 10 X 6) from Years 2 and 3, For example:  
**2 x 6 or 6 x 2   4 x 6 or 6 x 4   8 x 6 or 6 x 8**

**Top Tips**  
The secret to success is little and often. Use time wisely. Can you practise these KIRFS while walking to school or during a car journey?  
When chanting your timetables use the language 'four sixes are 24, five sixes are 30'  
The six times table is just double the 3 times table!

**Key Instant Recall Facts (KIRFS)**  
Year 4 – Autumn 2

**To recall my 7 timestable and related division facts**

**7**

$7 \times 1 = 7$     $7 \div 7 = 1$   
 $7 \times 2 = 14$     $14 \div 7 = 2$   
 $7 \times 3 = 21$     $21 \div 7 = 3$   
 $7 \times 4 = 28$     $28 \div 7 = 4$   
 $7 \times 5 = 35$     $35 \div 7 = 5$   
 $7 \times 6 = 42$     $42 \div 7 = 6$   
 $7 \times 7 = 49$     $49 \div 7 = 7$   
 $7 \times 8 = 56$     $56 \div 7 = 8$   
 $7 \times 9 = 63$     $63 \div 7 = 9$   
 $7 \times 10 = 70$     $70 \div 7 = 10$   
 $7 \times 11 = 77$     $77 \div 7 = 11$   
 $7 \times 12 = 84$     $84 \div 7 = 12$

Please help your child learn all of these facts by heart.  
Remember  $0 \times 7 = 0$

**Facts for Free:**  
Remember multiplication can be completed in any order; you already know these facts (2, 3, 4, 5, 8, 10 X 7) from Years 2 and 3, For example:  
**2 x 7 or 7 x 2   4 x 7 or 7 x 4   8 x 7 or 7 x 8**

**Top Tips**  
The secret to success is little and often. Use time wisely. Can you practise these KIRFS while walking to school or during a car journey?  
When chanting your timetables use the language 'four sevens are 28, five sevens are 35'

**Key Instant Recall Facts (KIRFS)**  
Year 4 – Autumn 2

**To recall my 9 timestable and related division facts**

**9**

$9 \times 1 = 9$     $9 \div 9 = 1$   
 $9 \times 2 = 18$     $18 \div 9 = 2$   
 $9 \times 3 = 27$     $27 \div 9 = 3$   
 $9 \times 4 = 36$     $36 \div 9 = 4$   
 $9 \times 5 = 45$     $45 \div 9 = 5$   
 $9 \times 6 = 54$     $54 \div 9 = 6$   
 $9 \times 7 = 63$     $63 \div 9 = 7$   
 $9 \times 8 = 72$     $72 \div 9 = 8$   
 $9 \times 9 = 81$     $81 \div 9 = 9$   
 $9 \times 10 = 90$     $90 \div 9 = 10$   
 $9 \times 11 = 99$     $99 \div 9 = 11$   
 $9 \times 12 = 108$     $108 \div 9 = 12$

Please help your child learn all of these facts by heart.  
Remember  $0 \times 9 = 0$

**Facts for Free:**  
Remember multiplication can be completed in any order; you already know these facts (2, 3, 4, 5, 8, 10 X 9) from Years 2 and 3, For example:  
**2 x 9 or 9 x 2   4 x 9 or 9 x 4   8 x 9 or 9 x 8**

**Top Tips**  
The secret to success is little and often. Use time wisely. Can you practise these KIRFS while walking to school or during a car journey?  
Remember every answer to the 9 times table equals 9 ( $9 \times 5 = 45$ ) ( $4+5=9$ )  
When chanting your timetables use the language 'four nines are 36, five nines are 45'

**Key Instant Recall Facts (KIRFS)**  
Year 4 – Spring 1

**To recall my 11 timestable and related division facts**

**11**

$11 \times 1 = 11$     $11 \div 11 = 1$   
 $11 \times 2 = 22$     $22 \div 11 = 2$   
 $11 \times 3 = 33$     $33 \div 11 = 3$   
 $11 \times 4 = 44$     $44 \div 11 = 4$   
 $11 \times 5 = 55$     $55 \div 11 = 5$   
 $11 \times 6 = 66$     $66 \div 11 = 6$   
 $11 \times 7 = 77$     $77 \div 11 = 7$   
 $11 \times 8 = 88$     $88 \div 11 = 8$   
 $11 \times 9 = 99$     $99 \div 11 = 9$   
 $11 \times 10 = 110$     $110 \div 11 = 10$   
 $11 \times 11 = 121$     $121 \div 11 = 11$   
 $11 \times 12 = 132$     $132 \div 11 = 12$

Please help your child learn all of these facts by heart.  
Remember  $0 \times 11 = 0$

**Facts for Free:**  
Remember multiplication can be completed in any order; you already know these facts (2, 3, 4, 5, 6, 7, 8, 9, 10 X 11) from Years 2, and 4 For example:  
**2 x 11 or 11 x 2   4 x 11 or 11 x 4   8 x 11 or 11 x 8**

**Top Tips**  
The secret to success is little and often. Use time wisely. Can you practise these KIRFS while walking to school or during a car journey?  
The eleven times table is has a lot of repetition: 11, 22, 33, 44...  
When chanting your timetables use the language 'four elevens are 44, five elevens are 55'

**Key Instant Recall Facts (KIRFS)**  
Year 4 – Spring 1

**To recall my 12 timestable and related division facts**

**12**

$12 \times 1 = 12$     $12 \div 12 = 1$   
 $12 \times 2 = 24$     $24 \div 12 = 2$   
 $12 \times 3 = 36$     $36 \div 12 = 3$   
 $12 \times 4 = 48$     $48 \div 12 = 4$   
 $12 \times 5 = 60$     $60 \div 12 = 5$   
 $12 \times 6 = 72$     $72 \div 12 = 6$   
 $12 \times 7 = 84$     $84 \div 12 = 7$   
 $12 \times 8 = 96$     $96 \div 12 = 8$   
 $12 \times 9 = 108$     $108 \div 12 = 9$   
 $12 \times 10 = 120$     $120 \div 12 = 10$   
 $12 \times 11 = 132$     $132 \div 12 = 11$   
 $12 \times 12 = 144$     $144 \div 12 = 12$

Please help your child learn all of these facts by heart.  
Remember  $0 \times 12 = 0$

**Facts for Free:**  
Remember multiplication can be completed in any order; you already know these facts (2, 3, 4, 5, 6, 7, 8, 9, 10 X 12) from Years 2, 3 and 4 For example:  
**2 x 12 or 12 x 2   4 x 12 or 12 x 4   8 x 12 or 12 x 8**

**Top Tips**  
The secret to success is little and often. Use time wisely. Can you practise these KIRFS while walking to school or during a car journey?  
The twelve times table is double the six times table!  
When chanting your timetables use the language 'four twelves are 48, five twelves are 60'



# How to use them

You can click on the links at the bottom of the document to learn songs, songs and tricks that will help you with your timestables.



Key Instant Recall Facts (KIRFS)  
Year 4 - Autumn 2

I can recall my 9 timestable and related division facts

<b>9</b>	$9 \times 1 = 9$	$9 \div 9 = 1$
	$9 \times 2 = 18$	$18 \div 9 = 2$
	$9 \times 3 = 27$	$27 \div 9 = 3$
	$9 \times 4 = 36$	$36 \div 9 = 4$
	$9 \times 5 = 45$	$45 \div 9 = 5$
	$9 \times 6 = 54$	$54 \div 9 = 6$
	$9 \times 7 = 63$	$63 \div 9 = 7$
	$9 \times 8 = 72$	$72 \div 9 = 8$
	$9 \times 9 = 81$	$81 \div 9 = 9$
	$9 \times 10 = 90$	$90 \div 9 = 10$
	$9 \times 11 = 99$	$99 \div 9 = 11$
	$9 \times 12 = 108$	$108 \div 9 = 12$

Please help your child learn all of these facts by heart.

Remember  $0 \times 9 = 0$

## Facts for Free:

Remember multiplication can be completed in any order; you already know these facts (2, 3, 4, 5, 8, 10 X 9) from Years 2 and 3,

For example:

$$2 \times 9 \text{ or } 9 \times 2 \quad 4 \times 9 \text{ or } 9 \times 4 \quad 8 \times 9 \text{ or } 9 \times 8$$

## Top Tips

The secret to success is little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey?

Remember every answer to the 9 times table equals 9:

$$(9 \times 5 = 45) \quad (4 + 5 = 9)$$

When chanting your timetables use the language 'four nines are 36, five nines are 45.'

Click on the links below to help you learn:

[9 timestable song](#)

[9 timestable finger trick](#)

# Games to play in school and at home

---

[Maths Fish](#)

Timetables Bingo

[Hit the button](#)

Dice Rush

[Coconut Multiples](#)