

# Multiplication Challenge

Your child has brought home a Multiplication Challenge card. This card has a copy of the 0-12 timetables. We would like your child to use this card to help them practise their multiplication facts at home. We recommend they practise daily.

## NC Expectations

By the end of Year 3 all children are expected to know the: 2, 5, 10, 3, 4, and 8 times tables.

By the end of Year 4 all children are expected to know all of the times tables up to 12 with efficient recall.

In term 6 of Year 4 all children will have to complete a **statutory** Multiplication Tables Check (MTC) to determine whether they can recall the multiplications fluently and accurately.

## Multiplication Challenge

To support your child to improve their fluent recall and accuracy of the times tables we have created a three-level challenge for each set of tables.

**Bronze:** To know and recall set of tables in order/sequence.

**Silver:** To know and recall a set of tables out of sequence.

**Gold:** To know and recall the inverse operation (division) of the set of tables.

Children are given 120 seconds (2 minutes) to answer 26 questions of that set of tables. When they pass twice to show secure knowledge we will move them on to the next step.

NAME: \_\_\_\_\_ CLASS: \_\_\_\_\_



**Multiplication Tables Challenge**

BRONZE	SILVER	GOLD
<p><b>BRONZE</b></p> <p>To be able to say multiplication facts in order.</p> <p>eg One times four is four Two times four is eight etc.</p>	<p><b>SILVER</b></p> <p>To be able to recall multiplication facts out of sequence (within 2 seconds).</p> <p>eg What are six times? What are three times?</p>	<p><b>GOLD</b></p> <p>To know the related division facts out of sequence.</p> <p>eg How many ones in twenty? How many ones in 10?</p>

TWOs		FIVEs		TENs		THREEs		FOURs	
0 x 2 = 0	0 x 5 = 0	0 x 10 = 0	0 x 3 = 0	0 x 4 = 0					
1 x 2 = 2	1 x 5 = 5	1 x 10 = 10	1 x 3 = 3	1 x 4 = 4					
2 x 2 = 4	2 x 5 = 10	2 x 10 = 20	2 x 3 = 6	2 x 4 = 8					
3 x 2 = 6	3 x 5 = 15	3 x 10 = 30	3 x 3 = 9	3 x 4 = 12					
4 x 2 = 8	4 x 5 = 20	4 x 10 = 40	4 x 3 = 12	4 x 4 = 16					
5 x 2 = 10	5 x 5 = 25	5 x 10 = 50	5 x 3 = 15	5 x 4 = 20					
6 x 2 = 12	6 x 5 = 30	6 x 10 = 60	6 x 3 = 18	6 x 4 = 24					
7 x 2 = 14	7 x 5 = 35	7 x 10 = 70	7 x 3 = 21	7 x 4 = 28					
8 x 2 = 16	8 x 5 = 40	8 x 10 = 80	8 x 3 = 24	8 x 4 = 32					
9 x 2 = 18	9 x 5 = 45	9 x 10 = 90	9 x 3 = 27	9 x 4 = 36					
10 x 2 = 20	10 x 5 = 50	10 x 10 = 100	10 x 3 = 30	10 x 4 = 40					
11 x 2 = 22	11 x 5 = 55	11 x 10 = 110	11 x 3 = 33	11 x 4 = 44					
12 x 2 = 24	12 x 5 = 60	12 x 10 = 120	12 x 3 = 36	12 x 4 = 48					
Bronze	Silver	Gold	Bronze	Silver	Gold	Bronze	Silver	Gold	

  

EIGHTs		NINEs		SEVENs		NINEs		ELEVENs		TWELVES	
0 x 8 = 0	0 x 9 = 0	0 x 7 = 0	0 x 9 = 0	0 x 8 = 0	0 x 7 = 0	0 x 11 = 0	0 x 12 = 0				
1 x 8 = 8	1 x 9 = 9	1 x 7 = 7	1 x 9 = 9	1 x 8 = 8	1 x 7 = 7	1 x 11 = 11	1 x 12 = 12				
2 x 8 = 16	2 x 9 = 18	2 x 7 = 14	2 x 9 = 18	2 x 8 = 16	2 x 7 = 14	2 x 11 = 22	2 x 12 = 24				
3 x 8 = 24	3 x 9 = 27	3 x 7 = 21	3 x 9 = 27	3 x 8 = 24	3 x 7 = 21	3 x 11 = 33	3 x 12 = 36				
4 x 8 = 32	4 x 9 = 36	4 x 7 = 28	4 x 9 = 36	4 x 8 = 32	4 x 7 = 28	4 x 11 = 44	4 x 12 = 48				
5 x 8 = 40	5 x 9 = 45	5 x 7 = 35	5 x 9 = 45	5 x 8 = 40	5 x 7 = 35	5 x 11 = 55	5 x 12 = 60				
6 x 8 = 48	6 x 9 = 54	6 x 7 = 42	6 x 9 = 54	6 x 8 = 48	6 x 7 = 42	6 x 11 = 66	6 x 12 = 72				
7 x 8 = 56	7 x 9 = 63	7 x 7 = 49	7 x 9 = 63	7 x 8 = 56	7 x 7 = 49	7 x 11 = 77	7 x 12 = 84				
8 x 8 = 64	8 x 9 = 72	8 x 7 = 56	8 x 9 = 72	8 x 8 = 64	8 x 7 = 56	8 x 11 = 88	8 x 12 = 96				
9 x 8 = 72	9 x 9 = 81	9 x 7 = 63	9 x 9 = 81	9 x 8 = 72	9 x 7 = 63	9 x 11 = 99	9 x 12 = 108				
10 x 8 = 80	10 x 9 = 90	10 x 7 = 70	10 x 9 = 90	10 x 8 = 80	10 x 7 = 70	10 x 11 = 110	10 x 12 = 120				
11 x 8 = 88	11 x 9 = 99	11 x 7 = 77	11 x 9 = 99	11 x 8 = 88	11 x 7 = 77	11 x 11 = 121	11 x 12 = 132				
12 x 8 = 96	12 x 9 = 108	12 x 7 = 84	12 x 9 = 108	12 x 8 = 96	12 x 7 = 84	12 x 11 = 132	12 x 12 = 144				
Bronze	Silver	Gold	Bronze	Silver	Gold	Bronze	Silver	Gold			

If you have any questions about the Multiplication Challenge please speak to your child's class teacher or contact us via email.

Thank you for your support.

Year 3 & 4 Teachers