Y4 multiplication and division facts – the 6s, 7s, 9s, 11s & 12s

Learning to recall and use multiplication facts is very important because almost everything else in maths becomes considerably easier once we know them all. Knowing them all means answering questions both correctly and instantly up to 12 × 12, plus their corresponding division facts.

In Y4, we also have the Multiplication Tables Check. The MTC is an on-screen check consisting of 25 times tables questions.

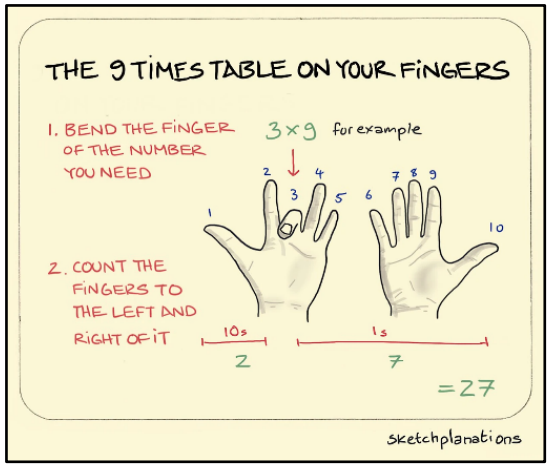
×	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108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

In Y2, we learn the 2s, 5s and 10s; in Y3, the 3s, 4s and 8s; and, in Y4, **the 6s, 7s, 9s, 11s and 12s**. There's nothing to stop us getting ahead, however – the sooner we know them all the better.

Memorising times tables requires effort and takes time. It begins with seeing the patterns and spotting the repetitions, e.g. 2 × 5 = 10 and 5 × 2 = 10, using a grid, like the one here.

There are some really useful tips and tricks, however:

- Every number in the 6s is even, and therefore ends with either 2, 4, 6, 8 or 0.
- In the 7s, the numbers alternate between odd and even: 7, 14, 21, 28, etc.
- To remember 56 = 7 × 8, think 5, 6, 7, 8.
- In the 9s, the numbers alternate between odd and even: 9, 18, 27, 36, etc.



Y4 multiplication facts

2 × 6 = 12	2 × 7 = 14	2 × 9 = 18	2 × 11 = 22	2 × 12 = 24
3 × 6 = 18	3 × 7 = 21	3 × 9 = 27	3 × 11 = 33	3 × 12 = 36
4 × 6 = 24	4 × 7 = 28	4 × 9 = 36	4 × 11 = 44	4 × 12 = 48
5 × 6 = 30	5 × 7 = 35	5 × 9 = 45	5 × 11 = 55	5 × 12 = 60
6 × 6 = 36	6 × 7 = 42	6 × 9 = 54	6 × 11 = 66	6 × 12 = 72
7 × 6 = 42	7 × 7 = 49	7 × 9 = 63	7 × 11 = 77	7 × 12 = 84
8 × 6 = 48	8 × 7 = 56	8 × 9 = 72	8 × 11 = 88	8 × 12 = 96
9 × 6 = 54	9 × 7 = 63	9 × 9 = 81	9 × 11 = 99	9 × 12 = 108
10 × 6 = 60	10 × 7 = 70	10 × 9 = 90	10 × 11 = 110	10 × 12 = 120
11 × 6 = 66	11 × 7 = 77	11 × 9 = 99	11 × 11 = 121	11 × 12 = 132
12 × 6 = 72	12 × 7 = 84	12 × 9 = 108	12 × 11 = 132	12 × 12 = 144

Y4 division facts

12 ÷ 6 = 2	14 ÷ 7 = 2	18 ÷ 9 = 2	22 ÷ 11 = 2	24 ÷ 12 = 2
18 ÷ 6 = 3	21 ÷ 7 = 3	27 ÷ 9 = 3	33 ÷ 11 = 3	36 ÷ 12 = 3
24 ÷ 6 = 4	28 ÷ 7 = 4	36 ÷ 9 = 4	44 ÷ 11 = 4	48 ÷ 12 = 4
30 ÷ 6 = 5	35 ÷ 7 = 5	45 ÷ 9 = 5	55 ÷ 11 = 5	60 ÷ 12 = 5
36 ÷ 6 = 6	42 ÷ 7 = 6	54 ÷ 9 = 6	66 ÷ 11 = 6	72 ÷ 12 = 6
42 ÷ 6 = 7	49 ÷ 7 = 7	63 ÷ 9 = 7	77 ÷ 11 = 7	84 ÷ 12 = 7
48 ÷ 6 = 8	56 ÷ 7 = 8	72 ÷ 9 = 8	88 ÷ 11 = 8	96 ÷ 12 = 8
54 ÷ 6 = 9	63 ÷ 7 = 9	81 ÷ 9 = 9	99 ÷ 11 = 9	108 ÷ 12 = 9
60 ÷ 6 = 10	70 ÷ 7 = 10	90 ÷ 9 = 10	110 ÷ 11 = 10	120 ÷ 12 = 10
66 ÷ 6 = 11	77 ÷ 7 = 11	99 ÷ 9 = 11	121 ÷ 11 = 11	132 ÷ 12 = 11
72 ÷ 6 = 12	84 ÷ 7 = 12	108 ÷ 9 = 12	132 ÷ 11 = 12	144 ÷ 12 = 12

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