



Times Tables Tricks

Free printable • Grades 3–5 • CCSS 3.OA.C.7 • Pink Chalk by Ms Nagina Latif

2s Double it

- $2 \times \text{a number} = \text{double the number}$: $2 \times 8 = 8 + 8 = 16$.
- Every answer is even: it ends in 0, 2, 4, 6 or 8.

3s Skip-count song

- Sing it: 3, 6, 9 · 12, 15, 18 · 21, 24, 27 · 30, 33, 36.
- Add the digits of any answer: you always get 3, 6 or 9 ($27 \rightarrow 2 + 7 = 9$).

4s Double-double

- Double the number, then double again: $4 \times 7 \rightarrow 14 \rightarrow 28$.
- Every answer is even.

5s Clock trick

- Think of a clock: the minute hand on 7 means 35 minutes, so $5 \times 7 = 35$.
- Answers end in 0 or 5. Shortcut: $10 \times \text{the number}$, then halve it ($10 \times 8 = 80$, half = 40).

6s Double the 3s

- Find $3 \times \text{the number}$, then double it: $6 \times 7 \rightarrow 21 \rightarrow 42$.
- Even numbers copy their last digit: $6 \times 4 = 24$, $6 \times 6 = 36$, $6 \times 8 = 48$.

7s Flip and the 5-6-7-8 rule

- Flip it! You already know most 7s from other tables: $7 \times 3 = 3 \times 7 = 21$.
- 5, 6, 7, 8 $\rightarrow 56 = 7 \times 8$. And $7 \times 7 = 49$.

8s Double, double, double

- Double three times: $8 \times 6 \rightarrow 12 \rightarrow 24 \rightarrow 48$.
- Every answer is even.

9s Finger trick

- Hold up 10 fingers. For 9×4 , fold down finger 4: 3 fingers on the left (tens) and 6 on the right (ones) = 36.
- The tens digit is one less than the number, and the digits add to 9: $9 \times 7 \rightarrow 6_ \rightarrow 63$.

10s Add a zero

- Write the number, then add a zero: $10 \times 6 = 60$.
- Every answer ends in 0.

11s Repeat the digit

- For 1 to 9, write the digit twice: $11 \times 4 = 44$.
- Then: $11 \times 10 = 110$, $11 \times 11 = 121$, $11 \times 12 = 132$.

12s 10s + 2s

- Split 12 into $10 + 2$: $12 \times 7 = 70 + 14 = 84$.
- Every answer is even.

Flip trick: 3×8 is the same as 8×3 . If one fact is hard, flip it and use a table you know!

Play the free game: misnaginalatif.netlify.app/games/times-tables.html

Skip-count strips

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

Multiplication chart

×	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