

Multiplication Chart 1-12

3rd Grade

The full 12×12 grid with the square numbers picked out down the diagonal.

×	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

PATTERNS THAT SAVE MEMORISING

- $\times 2$ is doubling. $\times 4$ is doubling twice. $\times 8$ is doubling three times.
- $\times 5$ always ends in 0 or 5. It is half of $\times 10$.
- $\times 9$: the digits of the answer add to 9 ($9 \times 7 = 63$, and $6 + 3 = 9$).
- $\times 10$ adds a zero. $\times 11$ (to 9) repeats the digit.
- The shaded diagonal is the square numbers — learn those first.