Blank Multiplication Chart: 12 × 12

Write each product where its row and column meet.

×	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

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Blank Multiplication Chart: 12 × 12, Mixed

The numbers on the side and the top are mixed up. Write each product where its row and column meet.

×	3	10	5	9	4	7	11	2	6	12	1	8
3												
6												
2												
10												
8												
12												
5												
9												
11												
4												
1												
7												

Blank Multiplication Chart: 10 × 10

Write each product where its row and column meet.

×	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Blank Multiplication Chart: 10 × 10, Mixed

The numbers on the side and the top are mixed up. Write each product where its row and column meet.

×	6	3	7	10	8	5	1	9	2	4
7										
3										
1										
6										
8										
10										
4										
9										
2										
5										

Blank Chart: Answer Key, Page 1

For the grown-up. Every product, in red, where your child writes it.

×	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

Blank Chart: Answer Key, Page 2

For the grown-up. Every product, in red, where your child writes it.

×	3	10	5	9	4	7	11	2	6	12	1	8
3	9	30	15	27	12	21	33	6	18	36	3	24
6	18	60	30	54	24	42	66	12	36	72	6	48
2	6	20	10	18	8	14	22	4	12	24	2	16
10	30	100	50	90	40	70	110	20	60	120	10	80
8	24	80	40	72	32	56	88	16	48	96	8	64
12	36	120	60	108	48	84	132	24	72	144	12	96
5	15	50	25	45	20	35	55	10	30	60	5	40
9	27	90	45	81	36	63	99	18	54	108	9	72
11	33	110	55	99	44	77	121	22	66	132	11	88
4	12	40	20	36	16	28	44	8	24	48	4	32
1	3	10	5	9	4	7	11	2	6	12	1	8
7	21	70	35	63	28	49	77	14	42	84	7	56

Blank Chart: Answer Key, Page 3

For the grown-up. Every product, in red, where your child writes it.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Blank Chart: Answer Key, Page 4

For the grown-up. Every product, in red, where your child writes it.

×	6	3	7	10	8	5	1	9	2	4
7	42	21	49	70	56	35	7	63	14	28
3	18	9	21	30	24	15	3	27	6	12
1	6	3	7	10	8	5	1	9	2	4
6	36	18	42	60	48	30	6	54	12	24
8	48	24	56	80	64	40	8	72	16	32
10	60	30	70	100	80	50	10	90	20	40
4	24	12	28	40	32	20	4	36	8	16
9	54	27	63	90	72	45	9	81	18	36
2	12	6	14	20	16	10	2	18	4	8
5	30	15	35	50	40	25	5	45	10	20

For Grown-Ups: How to Use These Charts

For third grade. Each size prints twice: headers in order, then mixed.

Why use it

Third graders are expected to know every product of two one-digit numbers from memory by the end of the year (Common Core 3.OA.C.7). Schools teach the facts a family at a time, easiest first, and filling in a chart is recall, which is the practice. A chart filled from memory shows which facts are known and which are still counted.

What it is good for

- Filling in the families learned so far, and leaving the rest empty.
- The mixed copy: no row to count along, so each fact has to be known.
- The 12 × 12 if your child's class uses one; the 10 × 10 for the facts third grade requires.

How to use it

1. Fill the row and the column of each family your child has learned, and leave the rest.
2. Keep it to a few minutes, a few times a week, rather than one long session.
3. Once a run of families is quick, use the copy with the headers mixed.
4. Check with the answer key. Each red number sits where your child writes it.

> **Try saying:** “Fill in the 5s first. What is 5 × 7?”

Tip: The empty squares are what is left to learn, not a score.