



Multiplication chart 1-12

times table chart • no cutting • keep it on the fridge

x	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

Find 3×4 : one finger along row 3, one down column 4. They meet at 12. 4×3 meets at 12 too. This page is also the answer key for pages 6 and 7.



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Multiplication chart 1-10

the one-digit facts, plus the 10s

×	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

A 1-10 chart ends at 100. This page is also the answer key for page 8.



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Multiplication chart 0-12

the 0 row and column: every answer is 0

×	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

Any number times 0 is 0. Any number times 1 is the number itself.



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Multiplication chart 1-20

an extra, for older kids or a parent to look things up

×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
16	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400



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Facts you already know

1-10 chart • color a box when your child knows it both ways (start with the shaded rows)

×	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

-  **Shaded:** the 1s, 2s, 5s and 10s
-  **Striped:** a turn-around twin. Learn one, get both
-  **Boxed:** a square, like 7×7

Only 21 facts left. Learn the 9s pattern and only 15 are left.



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Fill-in multiplication chart 1-12

the easy rows are done • check with page 1

x	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			15					30		
4	4	8			20					40		
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12			30					60		
7	7	14			35					70		
8	8	16			40					80		
9	9	18			45					90		
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22			55					110		
12	12	24			60					120		

Fill in the 3s, 4s and 9s first. Then the 6s, 7s and 8s, and the 11s and 12s last. Check with page 1.
Yellow boxes are the square numbers, like $3 \times 3 = 9$. Fill them in too.



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Blank multiplication chart 1-12

fill it in from memory • check with page 1

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

Big answers: write small, or use page 8 for bigger boxes.



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Blank multiplication chart 1-10

bigger boxes • check with page 2

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

Start with the 1s, 2s, 5s and 10s. Then fill in the rest.



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Mixed-up multiplication chart

the numbers are out of order • answers on page 12

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

Start with the boxes you know for sure. Then work out the rest.



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Four in a row

2 players • 2 paper clips • buttons or dried beans

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

Clips go here

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

1. Player 1 puts both clips on the strip (they can share a number), multiplies and covers the answer.
2. Player 2 moves ONE clip, multiplies, covers.
3. Take turns moving one clip.
4. If the answer is already covered, your turn ends.
5. Four in a row (across, down or slanted) wins.

One player uses buttons, the other dried beans. Play with an adult: small pieces.



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Roll and cover

2 players • 2 dice • buttons or dried beans

5	3	4	24	10	36
4	12	25	8	12	20
3	18	30	6	16	4
6	2	15	30	24	2
12	8	9	6	1	12
18	6	5	10	15	20

1. Roll two dice and multiply the two numbers.
2. Cover one box with that answer.
3. No box left with that answer? Pass.
4. Four in a row (across, down or slanted) wins, or the most boxes when the board is full.

Dice answers: the chart on the right shows every roll. One player uses buttons, the other dried beans. Play with an adult: small pieces.

x	1	2	3	4	5	6
1	1	2	3	4	5	6
2	2	4	6	8	10	12
3	3	6	9	12	15	18
4	4	8	12	16	20	24
5	5	10	15	20	25	30
6	6	12	18	24	30	36



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Answers: mixed-up multiplication chart

for page 9

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



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Color multiplication chart 1-12

each row has its own color • skip this page on a black and white printer

x	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

Each row counts by its own number. Row 3 goes 3, 6, 9, 12 and on to 36.



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