

Times Tables Grids

Times tables grids and activities

KS1 / KS2

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What to expect in this resource

Times tables grids or multiplication grids as they're otherwise known are an essential and omnipresent feature of any primary classroom. In this resource you will find 11 awesome times tables grids that you can use this term.

It is packed with activities that will help your pupils learn about times tables, so take a look through the resource and help your class nail their times tables!

Times Tables Grid up to 100

The original times tables grid up to 100

x	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

Times Tables Grid up to 100

The original times tables grid up to 100 - Blank

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

Times Tables Grid up to 12 x 12

The original times tables grid up to 12 x 12

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

Times Tables Grid up to 12 x 12

The original times tables grid up to 12 x 12 - Blank

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

Times Tables Grid Dice Game

Times Tables Grid Dice Game up to 12 x 12

For our times tables grid dice game you'll need blank times tables grids up to 12 x 12 and pairs of six-sided dice. Children can play our times tables grid game in pairs or as a table group.

Times Tables Grid Dice Game Instructions:

- Each child should have a pen or pencil of their own colour.
- To begin with the children can roll one die to find the first factor and then the same die to choose the second factor. So, if they rolled 2 and then 6, they would fill in the 2 x 6 cell and the 6 x 2 cell - a good time to demonstrate multiplication staying true to the commutative law.
- Once they've filled in up to 6 x 6, they can start rolling both dice each time it's their 'go'.
- If you roll a multiplication that's already been filled in, you miss a go.
- Once the grid is entirely filled in, the children count up how many cells they've filled correctly (using one of our printable times tables grid up to 12 x 12 to check their answers).

(You can differentiate by setting up the game using a blank times tables grid up to 100, again checking at the end using a printable times tables grid up to 100.)

Find the grid on the following page.

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

Times Tables Grid Races

Times Tables Grid Races up to 12 x 12

Start with columns and rows headed in numerical order. Children race to fill in their blank times tables grid as quickly as possible (noting down the time taken to do so to allow them to see if they can improve on their time during future times table grid races). Again, you can differentiate or show progression by using both times tables grids up to 100 and times tables grids up to 12 x 12.

You could then move your pupils on to times tables grid races with the numerical column and row headings inverted.

From that point onwards, it's best to randomise the column and row headings on the children's blank times tables grids. We've created a randomized blank times tables grid and a blank times tables grid template to enable you to create times tables grid race templates until your heart's content and until your class' multiplication tables have been mastered!

And then, if you really wish to challenge your pupils, you could have randomized products inside cells - meaning pupils have to work out which column and row headings to place based on their times tables knowledge - or knowledge of times tables rules, like how all numbers in the five times table end with the digits 5 or 0, or that the sum of the digits in the nine times table is either 9 or in the case of $9 \times 11 = 99$... $9 + 9 = 18$ (a multiple of nine itself at least, which - again - if the sum of the digits is added together finally makes 9 too).

Find the grids on the following pages.

Times Tables Grid Races up to 12 x 12 - Grid 1

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

Times Tables Grid Races up to 12 x 12 - Grid 2

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

Times Tables Grid Races up to 12 x 12 - Grid 2 Answers

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

Times Tables Grid Races up to 12 x 12 - Grid 3

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

Times Tables Grid Races up to 12 x 12 - Grid 3 Answers

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

Times Tables Grid Races up to 12 x 12 - Grid 4

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

Times Tables Grid Races up to 12 x 12 - Grid 4 Answers

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

Times Tables Grid (Blank up to 100)

x										

Times Tables Grid (Blank up to 12 x 12)

x												

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 0203 771 0095

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