Parent Guide

@twinklparents

We're excited to share this activity with you. If you are interested in finding more engaging, fun and interesting activities for you and your children, then check out these links to different areas of the **Twinkl Parents** website.

games

crafts

puzzles

experiments

word searches

What is this resource and how do I use it?

This poster shows a multiplication square which lets your child see the pattern of square numbers. Your child will also be able to see how to use the 2 symbol to show that a number has been multiplied by itself. Why not print this out and hang it in your child's study area for quick reference?

What skills does this practise?

- Square Numbers
- Times Tables
- Multiplication

Further Activity Ideas and Suggestions

We've got a whole range of parent guides and jargon busters to help you learn the best ways to support your child. Your child can practise their times tables skills with this Times Table Activity Mat: Mixed Tables 1 or by skip counting with these Skip Counting Pattern Wheels.

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Square Numbers

A square number is the product of a number multiplied by itself. This multiplication square shows the first 12 square numbers.

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**

6 x 6 = 36, so 36 is a square number. Instead of writing 6 x 6, we can write 6^2 which means 6 squared. $6^2 = 6 \times 6 = 36$

$1^2 = 1 \times 1 = 1$

$2^2 = 2 \times 2 = 4$

$3^2 = 3 \times 3 = 9$

$4^2 = 4 \times 4 = 16$

$5^2 = 5 \times 5 = 25$

$6^2 = 6 \times 6 = 36$

$7^2 = 7 \times 7 = 49$

$8^2 = 8 \times 8 = 64$

$9^2 = 9 \times 9 = 81$

$10^2 = 10 \times 10 = 100$

$11^2 = 11 \times 11 = 121$

$12^2 = 12 \times 12 = 144$