

Max's Square Number Challenge

Learning objective: To identify, calculate, and recognise square numbers up to 12×12 .

Use these flashcards to test your knowledge of square numbers. Max the monkey thinks these are the most satisfying patterns in maths! Try to say the answer out loud before checking the back.

What is the definition of a square number?

A number created by multiplying an integer by itself.

What is 1 squared (1^2)?

1 ($1 \times 1 = 1$)

What is 2 squared (2^2)?

4 ($2 \times 2 = 4$)

What is 3 squared (3^2)?

9 ($3 \times 3 = 9$)

What is 4 squared (4^2)?

16 ($4 \times 4 = 16$)

What is 5 squared (5^2)?

25 ($5 \times 5 = 25$)

What is 6 squared (6^2)?

36 ($6 \times 6 = 36$)

What is 7 squared (7^2)?

49 ($7 \times 7 = 49$)

What is 8 squared (8^2)?

64 ($8 \times 8 = 64$)

What is 9 squared (9^2)?

81 ($9 \times 9 = 81$)

What is 10 squared (10^2)?

100 ($10 \times 10 = 100$)

If Max buys 12 packs of stickers costing £12 each, how much does he spend in total, and is this a square number?

£144. Yes, 144 is a square number (12×12).