Square Numbers Let's learn more about square numbers.



What is a Square Number?

A square number is the product you get when a number is multiplied by itself. For Example...

42

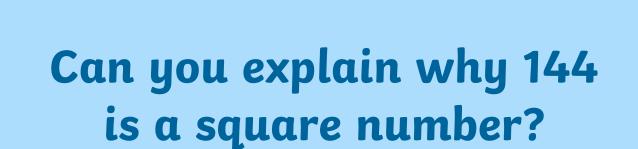
4 is a square number because it is the product of 2 multiplied by 2

 $Z \times Z =$

Can you explain why 25 is a square number?

5 x 5 =

25 is a square number because it is the product of 5 multiplied by 5.



 $\approx 12 \times 12 = 14$

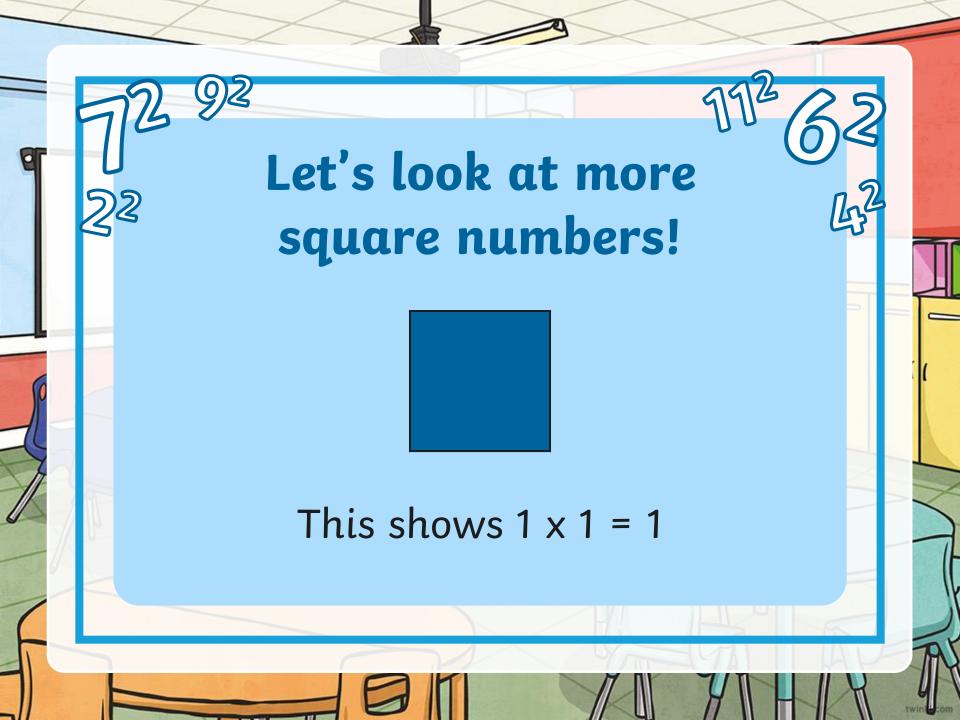
144 is a square number because it is the product of 12 multiplied by 12.

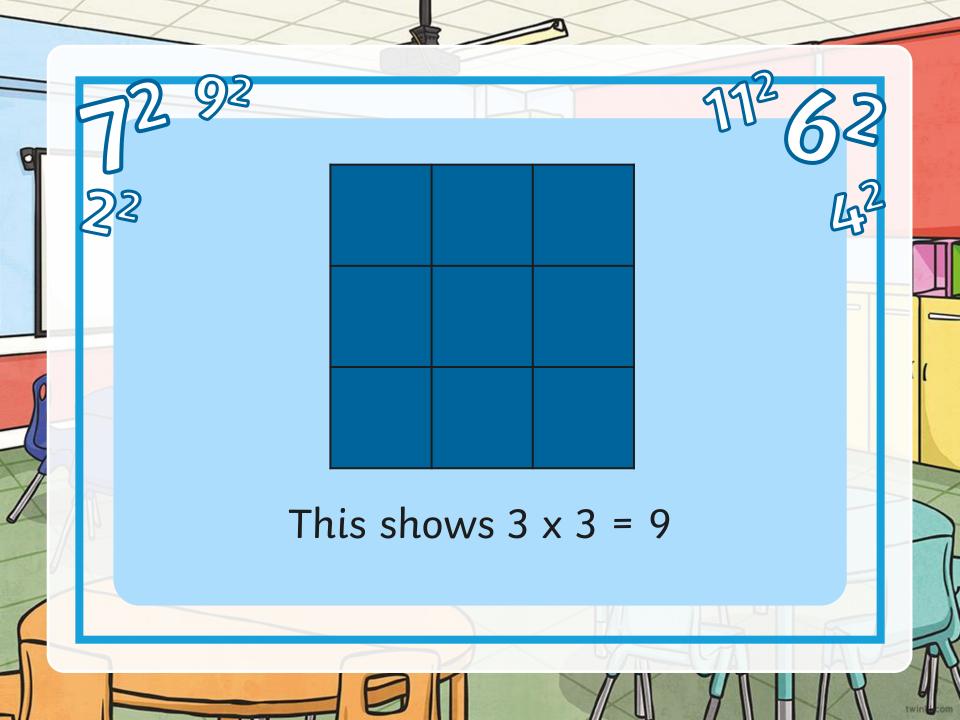
Where do square numbers get their name?

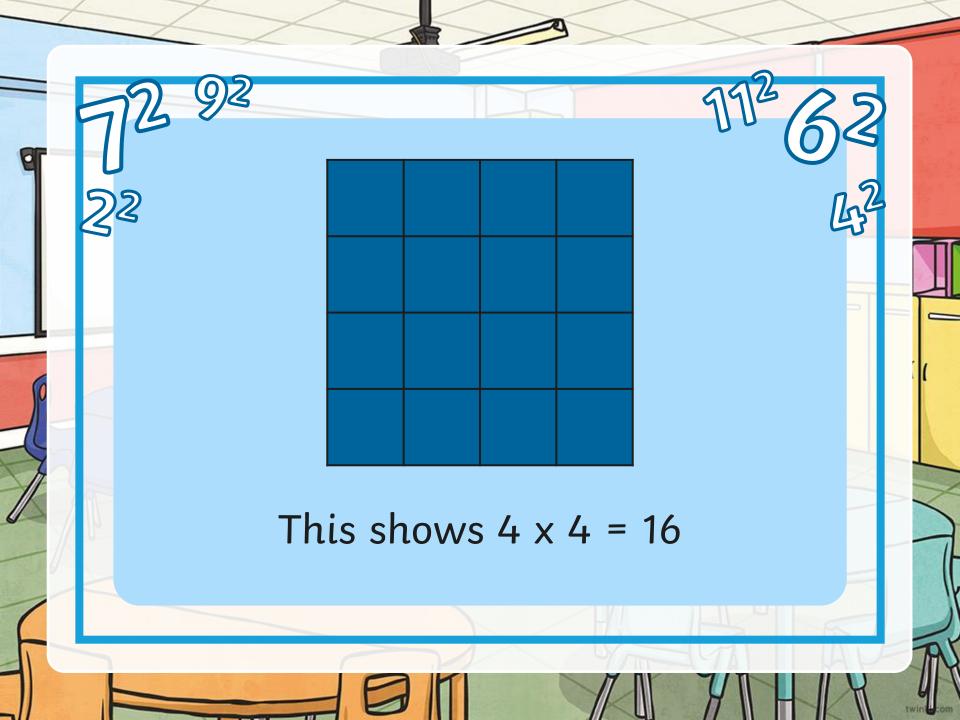
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Square numbers get their name from the square shape they can make.

This square shows 2 x 2 = 4 5

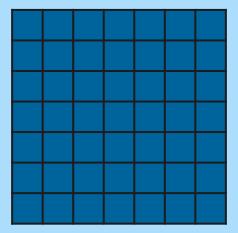




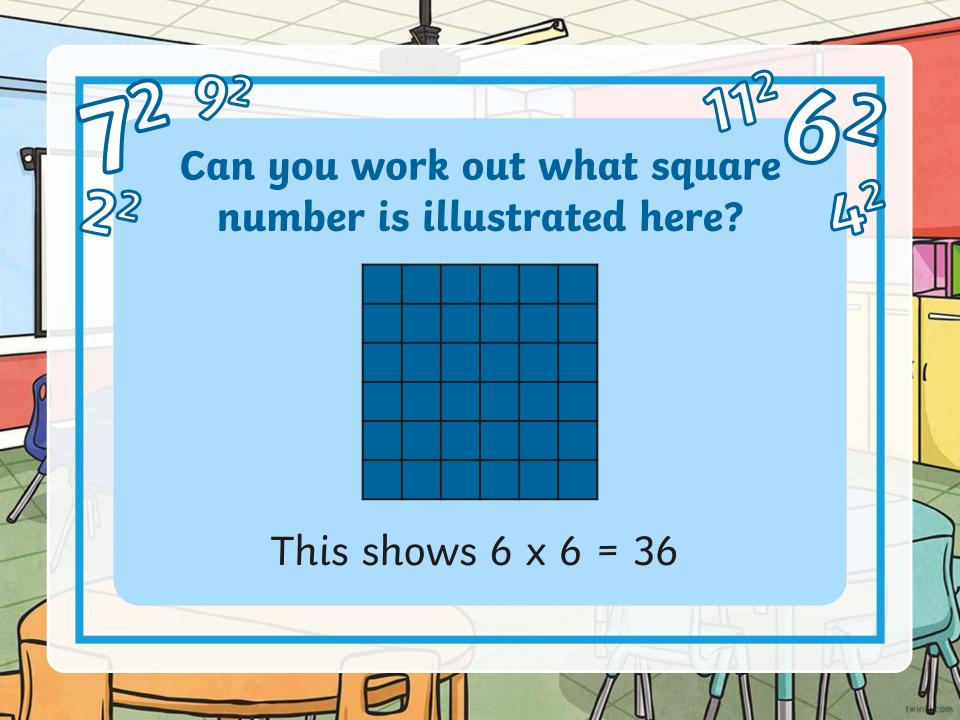


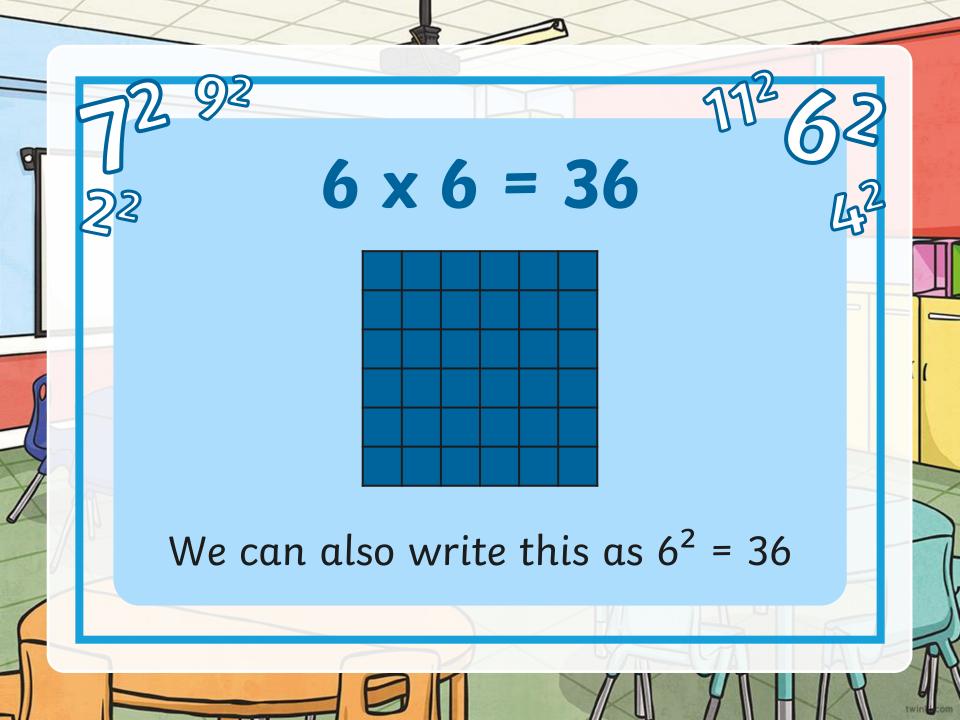


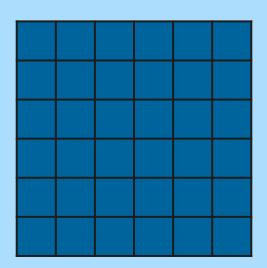
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This shows $7 \times 7 = 49$







YZ

If $6 \times 6 = 36$ we can say that the square root of 36 is 6.

This is how we write it, $\sqrt{36} = 6$

