

LO: to investigate and explain cubed numbers

<https://classroom.thenational.academy/lessons/volume-to-investigate-and-explain-cubed-numbers>

You do not need to print these pages. Answers can either be recorded in your work book or on a piece of paper. The following questions are also included in the web link.

To investigate and explain cubed numbers

This quiz is revision of square numbers. Have a go!

What is 3^2 ?

1 point

- 5
- 6
- 9

What is 5^2 ?

1 point

- 7
- 10
- 25

True or false: $8^2 + 3^2 = 72$

1 point

- True
- False

True or false: $7^2 + 2^2 = 53$

1 point

- True
- False

True or false: $9^2 - 4^2 = 65$

1 point

- True
- False

Number Cubed	Height/Width/Length of cube	Total	Equation
2^3	2h 2w 2L	$2^3 = 8$	$2 \times 2 \times 2 = 8$
3^3	3h 3w 3L	$3^3 = 27$	$3 \times 3 \times 3 = 27$
4^3	4h 4w 4L	$4^3 = 64$	$4 \times 4 \times 4 = 64$
5^3	5h 5w 5L	$5^3 = 125$	$5 \times 5 \times 5 = 125$
6^3			
7^3			
8^3			
9^3			
10^3			

Additional daily challenge in the Year 5 folder