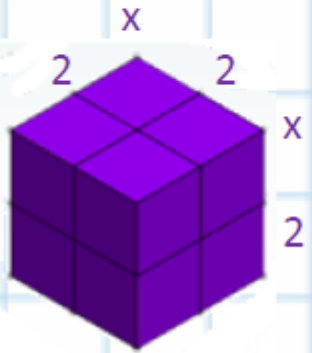# Cubed numbers

A cube number is a number multiplied by itself, and then by itself again. It is written as a small 3 after the number.
For example:

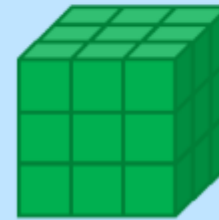$$2^3 = 2 \times 2 \times 2 = 8$$

Cube numbers get their name from the pattern they make.

Volume = $1 \times 1 \times 1 = 1^3 = 1$
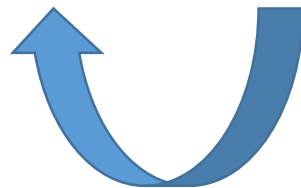
Volume = $2 \times 2 \times 2 = 2^3 = 8$

Volume = $3 \times 3 \times 3 = 3^3 = 27$

https://www.youtube.com/watch?v=mEic_KQx1y8

Click on the this link to see more!

https://www.youtube.com/watch?v=_aOfWEoMym8

Watch this song to help you learn some of the cubed numbers!

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

Try these questions about cubed numbers:

Use <, > or = to complete the statements below.

Use <, > or = to complete the statements below.

4^3 ☐ 40

10^3 ☐ $1{,}000$

6 ☐ 2^3

215 ☐ 5^3

Solve the calculations.

$10^3 \quad + \quad 4^3 \quad = \quad$ ☐

$9^3 \quad - \quad 5^3 \quad = \quad$ ☐

Circle the odd one out.

$$5^3 - 25$$

$$1^3 + 90$$

$$4^3 + 36$$

Explain your reasoning.

Kayleigh says,

The number 733 is a cube number.

Is she correct? Prove it.