

Cube Numbers and Cube Roots

A **cube number** is the result when a number has been multiplied by itself twice.

We use a power of 3 to show this.

 **Example**

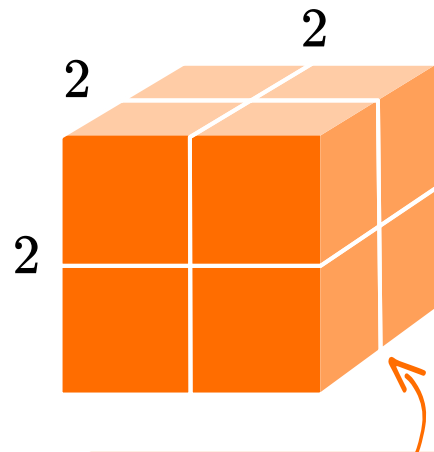
$$2 \times 2 \times 2 = 2^3 = 8$$

Cube rooting is the inverse operation of cubing a number.

We use the symbol $\sqrt[3]{\quad}$

 **Example**

$$\sqrt[3]{8} = 2$$



The volume of this $2 \times 2 \times 2$ **cube** is 8 small cubes: $2^3 = 8$