

Get better at Math.  
Get better at  
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive  
Platform**



**Interactive Visual  
Simulations**



**Personalized  
Attention**

For Grades 1 - 10



LIVE online classes  
by trained and  
certified experts.

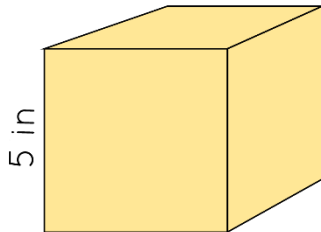
Get the Cuemath advantage

**Book a FREE trial class**

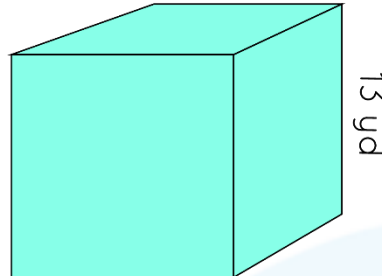
## Volume Of Cubes Worksheets

1) Find the volume of each cube.

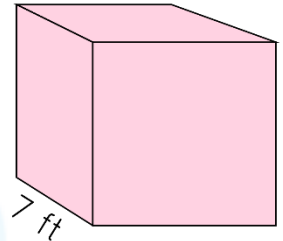
1.



2.



3.



2) Find the volume of each cube from the given side length.

a) side length = 9 ft

b) side length = 22 in

3) The length of each side of a cubical box is 18 inches. What is the volume of the box?



4) A cubical water tank has a height of 8.8 inches. How much water can the tank hold? Round your answer to two decimal places.

5) Choose the correct option.

The volume of a cube with side length – ft is \_\_\_\_\_.

a) —

b) —

c) —

d) None of the above

6) What is the side length of a cubical perfume bottle whose volume is 27 cubic inches? Round your answer to the nearest tenth.



7) A cubical wood was cut into 8 equal cubes of sides 6 cm. What is the volume of the block of wood?

8) Match the columns:

Edge of Cube	Volume
1. 8 in	(i) $216 \text{ in}^3$
2. 5 in	(ii) $125 \text{ in}^3$
3. 6 in	(iii) $512 \text{ in}^3$

9) A pond is 60 m long, 20 m wide, and 4 m deep. Find the capacity of the pond in cubic meters.

10) If a cubical gift box has a side length of 22 inches, what is the volume of the box?



When you learn math  
in an interesting way,  
you never forget.



**25 Million**

Math classes &  
counting

**100K+**

Students learning  
Math the right way

**20+ Countries**

Present across USA, UK,  
Singapore, India, UAE & more.

## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

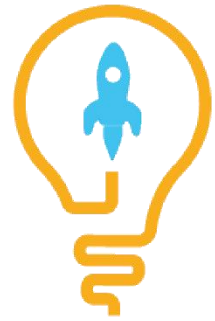
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

**Book a FREE trial class**

**ANSWERS**

1)	1. $125 \text{ in}^3$ 2. $2,197 \text{ yd}^3$ 3. $343 \text{ ft}^3$
2)	a. $729 \text{ ft}^3$ b. $10,648 \text{ in}^3$
3)	$5,832 \text{ in}^3$
4)	$681.47 \text{ in}^3$
5)	a)
6)	3 inches
7)	Volume of 1 cube = $216 \text{ cm}^3$ The volume of 8 = $1728 \text{ cm}^3$
8)	1--iii); 2--ii); 3--i)
9)	$4800 \text{ m}^3$
10)	$10,648 \text{ in}^3$

## FUN FACT

1. A cube is a three dimensional shape that features all right angles and a height, width and depth that are all equal.
2. 11 different 'nets' can be made by folding out the 6 square faces of a cube.
3. A square is in many ways like a cube, only in two dimensions rather than three.

