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
1) Find the volume of the following cube.

![Cube with side length 5 inches]

2) The length of each side of a cubical wooden block is 16 inches. What is the volume of the block?

![Cubical wooden block]

3) Fill in the blank.
   The volume of a cubical box = ________.

4) A cube with an edge of 7 cm and a cuboid measuring 7 cm × 4 cm × 8 cm are kept on a table. Which shape has more volume?
   [Hint: Volume of a cuboid = l × b × h cubic units]

5) Harry’s cube shaped shelf has each side measuring is 11 in. What is the volume of the book shelf?
6) A cubical box is formed by joining smaller cubical boxes with each cube having a volume of 2 cubic units. Find the total number of boxes used if the volume of the bigger box is 22 cubic units.

7) If the length of a cube is made twice, its volume will become ______ the original.
   a) Remain unchanged to
   b) Twice
   c) Four times
   d) Eight times

8) Find the side of the cube whose volume is 343 cubic units.

9) A cubical water tank has a height of 4.6 inches. How much water can the tank hold? Round your answer to two decimal places.

10) Choose the correct option.
    The volume of the shape formed by the cubes with 1 cubic unit volume is ______.

   a) 8 cubic units
   b) 11 cubic units
   c) 12 cubic units
   d) 9 cubic units
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
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>125 cubic inches</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>40.96 cubic inches</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>( (\text{side})^3 ) cubic units</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>The given cube has more volume.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1331 cubic inches</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>11 boxes</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>d)</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>7 units</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>97.34 cubic inches</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>c)</td>
<td></td>
</tr>
</tbody>
</table>
1. A cube is a three dimensional shape that features all right angles and a height, width and depth that are all equal.

2. A square is in many ways like a cube, only in two dimensions rather than three.

3. 11 different ‘nets’ can be made by folding out the 6 square faces of a cube.