

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



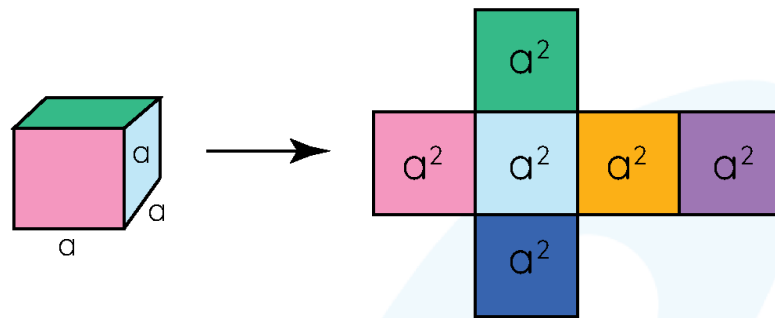
LIVE online classes  
by trained and  
certified experts.

Get the Cuemath advantage

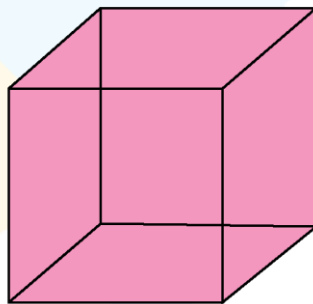
**Book a FREE trial class**

## 7th Grade Surface Area Worksheets

1. The sum of all the areas of all the shapes that cover the object is called its \_\_\_\_\_ area.
2. Calculate the total surface area of the cube whose edge is 1 cm.



3. How many identical square surfaces are there in a cube?



4. What is the difference between plane figures and solid figures?



5. The total surface area of a cubical die is  $24 \text{ cm}^2$ . Find the length of each edge?



6. The total surface area of a cubical box is  $96 \text{ cm}^2$ . What is the length of its edge?



7. The edge of a cubical room is 3 m. The inner walls are to be painted (inclusive of windows and doors). Find the expenditure to be incurred at the rate of \$5 per square metre.



8. Give two examples for a cuboid.
9. The inner perimeter of a rectangular room is 250 m. Its height is 6 m. What is the amount to be spent to paint the walls of the room at the rate of \$2 per square metre. (inclusive of doors and windows)



10. Find the area of the cardboard required to make a closed box of length 25 cm, breadth 10.5 cm and height 15 cm.



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. Surface area	6. 4 cm
2. $6 \text{ cm}^2$	7. \$180
3. Six	8. Book and brick.
4. A plane figure has two dimensions of length and breadth while a solid figure has three dimensions of length, breadth, and height.	9. \$3000
5. 2 cm	10. $1590 \text{ cm}^2$



## FUN FACT

1. The skin of an average adult covers an area of 2 square meters.
2. Human lungs contain about 500 million air pouches for exchange of oxygen. They create a surface area of around half the size of a tennis court.

