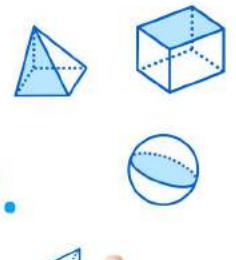
cuemath
THE MATH EXPERT

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

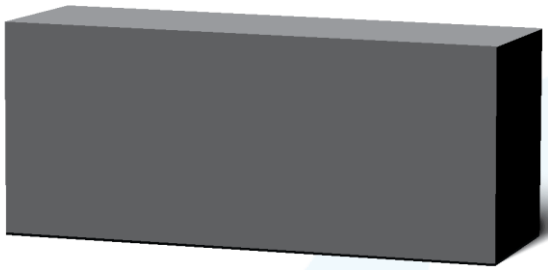
Book a FREE trial class

cuemath
THE MATH EXPERT

7th Grade Surface Area Worksheets

1. The sum of all the areas of all the three dimensional shapes that cover the object is called _____.

2. Calculate the total surface area of the cuboid whose dimensions are 5 cm ×6 cm ×9 cm.



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

4. The total surface area of a cubical die is 96 cm^2. Find the length of each edge?

5. The total surface area of a cubical chalk box is 216 cm2. What is the length of its edge?

6. The edge of a cubical room is 10 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.

7. Jerry wants to make a closed cardboard box of length 25 cm, breadth 10 cm and height 5 cm. How much cardboard would he need at least?

8. The length, breadth and height of a room are 15 m, 8 m and 5 m respectively. Find the surface area of its 4 walls and the floor (inclusive of doors and windows).

9. The length, breadth and the height of a tin box are 16 cm, 26 cm and 15 cm respectively. Find the area of tin required to make 30 such boxes. If the cost of tin per square cm is $0.08, find the amount required to make 30 boxes.

10. The inner perimeter of a rectangular room is 400 m. Its height is 3 m. What is the amount to be spent to paint the walls of the room at the rate of $10 per square metre. (inclusive of doors and windows)

cuemath
THE MATH EXPERT

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. 258 cm^2	7. 850 cm^2
3. Six	8. 420 cm^2
4. 4 cm.	9. Tin required to make 30 boxes = 62,760 cm^2 Cost = $5020.8
5. 6 cm.	10. $12,000

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.