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

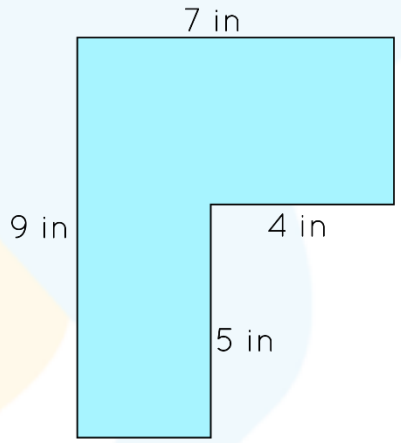
cuemath
THE MATH EXPERT

Surface Area of composite figures Worksheet

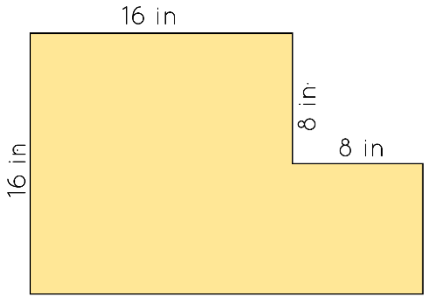
1) The submission of all faces areas, of a 3-d object, is called the surface area.

   a) True
   b) False

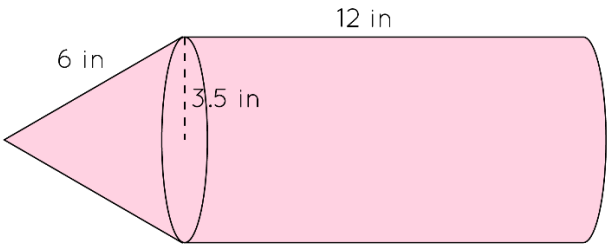
2) State whether true or false:
   The surface area of the given composite shape is equal to $43in^2$



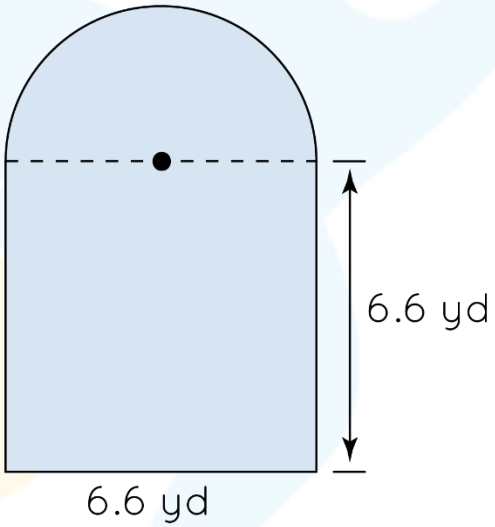
3) John constructed a garden of the following given shape and dimensions in his backyard. Calculate its surface area.



4) Determine the surface area of the following composite shape.

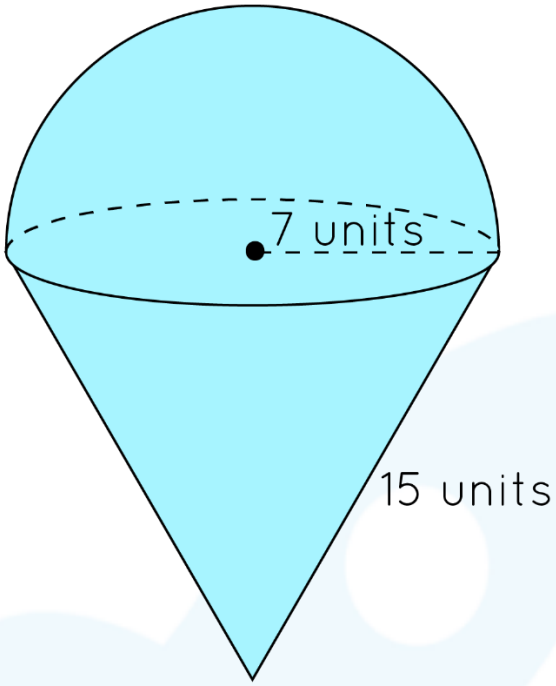


5) Noah constructs a swimming pool in his backyard. The shape and dimension of the pool in 2-d is given in the following figure. Calculate the surface area of the water surface.



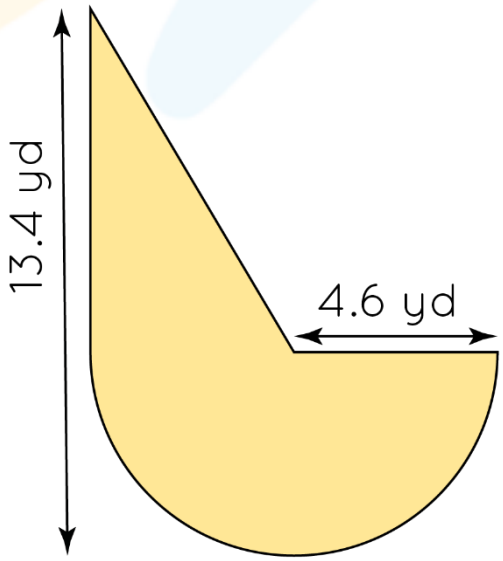
6) State whether true or false:
The surface area of a rhombus having each side of 5 units is equal to the square of its side length.

7) Choose the correct option for the surface area of the given shape.

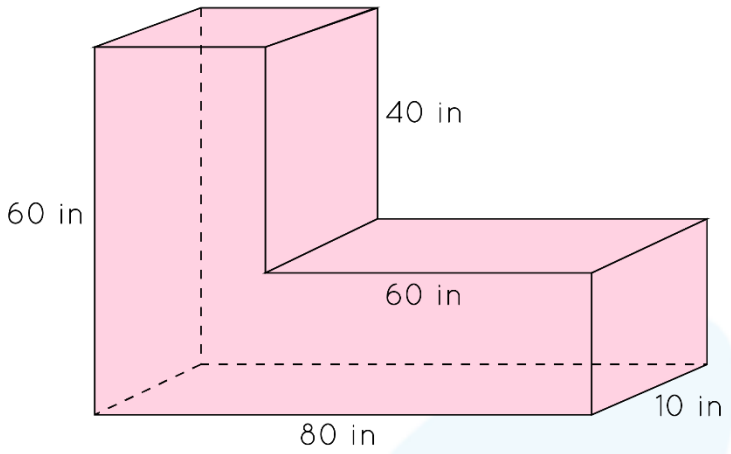


a) 637.42 sq. units
b) 367.42 sq. units
c) 367.42 sq. units
d) 673.42 sq. units

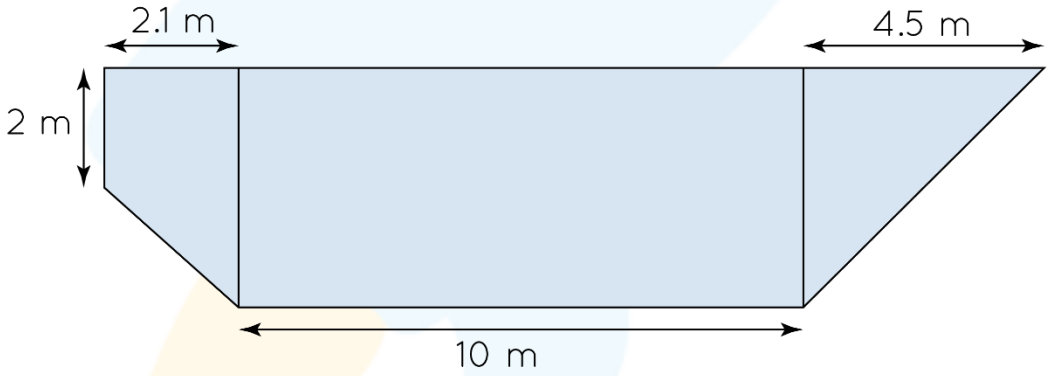
8) Find the surface area of the shaded region in square units



9) Find the surface area of a 3d figure given below:



10) The cross-section of a river is given below. Calculate the surface area, considering the comprising shapes to be trapezium, rectangle, and triangle.



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

cuemath
THE MATH EXPERT

ANSWERS

1)	3 cm
2)	True
3)	320in^2
4)	302.86 in^2
5)	60.66 yd^2
6)	True

7)	a) 637.42 sq. units
8)	53.46 yd^2
9)	7600 in^2
10)	55.3 m^2

FUN FACT

1. In the 7th century CE, Brahmagupta developed a formula, now known as Brahmagupta's formula, for the area of a cyclic quadrilateral

2. The formula to calculate the area of a triangle using half base height formula was given by the Indian mathematician Aryabhata in 499.