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For Grades 1 - 10



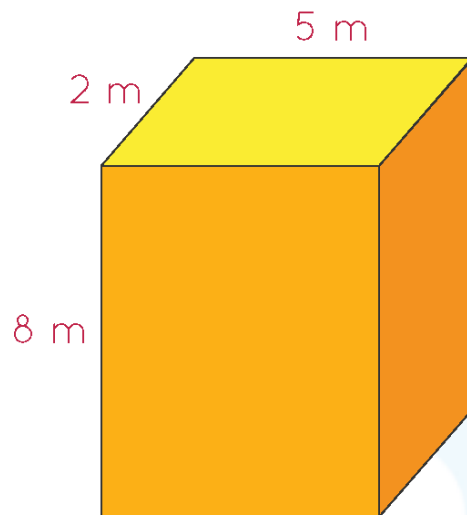
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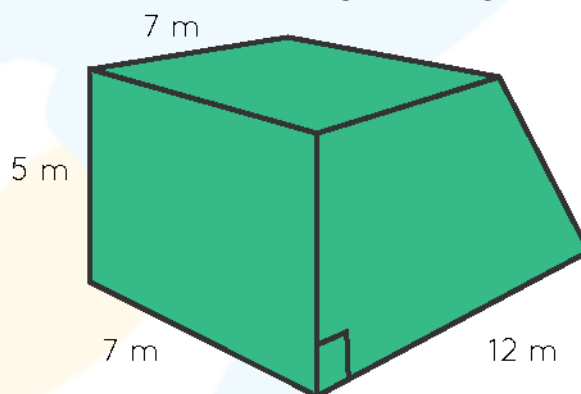
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## Area and Volume Worksheets

1) Find the volume of the given object.



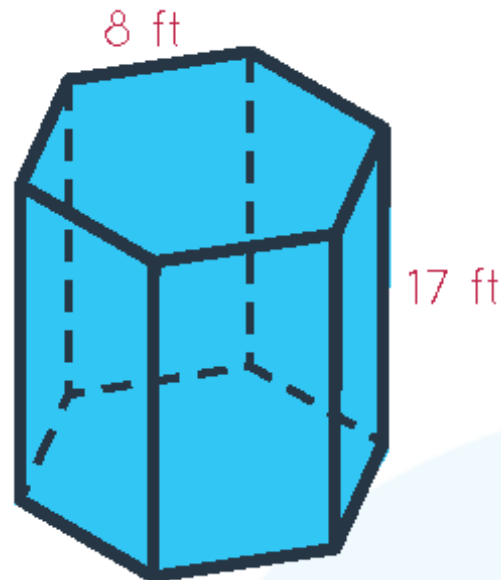
2) What will be the volume of the given figure?



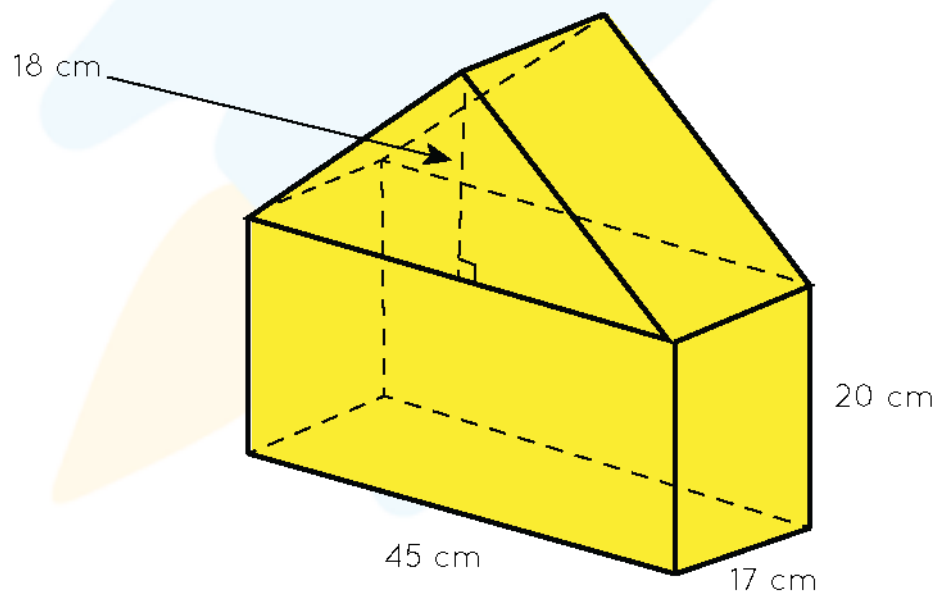
3) The volume of a box shaped like a regular triangular prism is 1500 cubic units, and the area of the base is 300 units. Find the height of the box.



4) What will be the area of the given figure?



5) Walter and Jesse created a tent and wants to find the volume of the tent. Find the volume of the given tent.



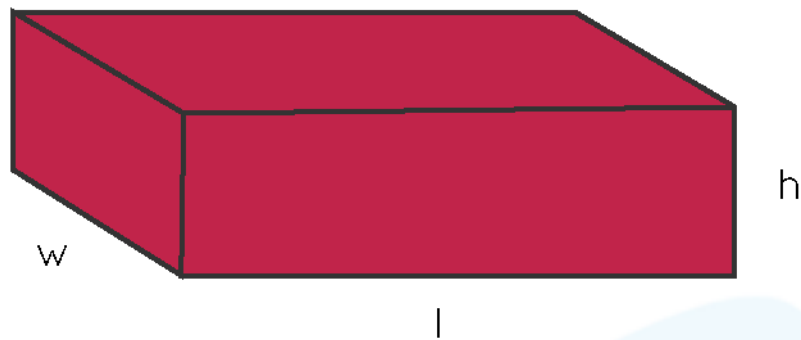
6) If the area of the base of a hexagonal prism is 200 sq. ft., and the height of the prism is 30 ft. Find the volume of the given prism.

7) Find the area of an equilateral triangle of side length 45 in.

8) What will be area of a square garden of length 56 yard?

9) Find the volume of a Rubik's cube of side length 5 in.

10) If  $w = 40$  in,  $l = 20$  in,  $h = 20$  in. Find the volume.



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in an interesting way,  
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## 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."

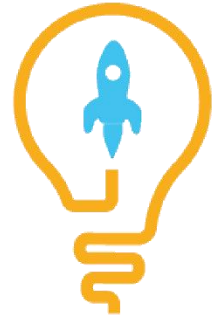
- Kirk Riley

"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

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**ANSWERS**

1)	80 cubic m
2)	332.5 cubic m
3)	5 units
4)	2826.76 cubic ft
5)	22185 cubic cm
6)	2520 cubic in
7)	876.85 cubic ft
8)	3136 sq. yards
9)	125 cubic in
10)	16000 cubic in.

## 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.

