

Multiply to Find Volume

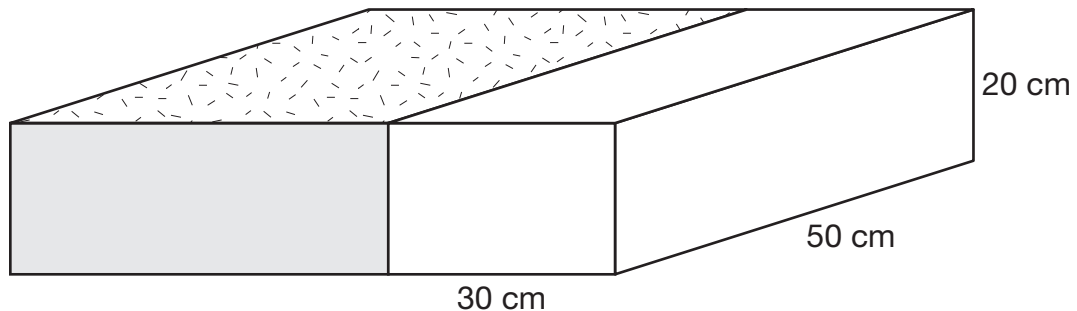


Homework

1. Find the volume to complete the table. Include labels.

	Height	Width	Length	Volume
A.	15 ft.	5 ft.	30 ft.	
B.	24 cm	15 cm	5 cm	
C.	39 m	12 m	9 m	
D.	200 in.	500 in.	50 in.	
E.	42 yd.	8 yd.	21 yd.	
F.	25 m	10 m	40 m	

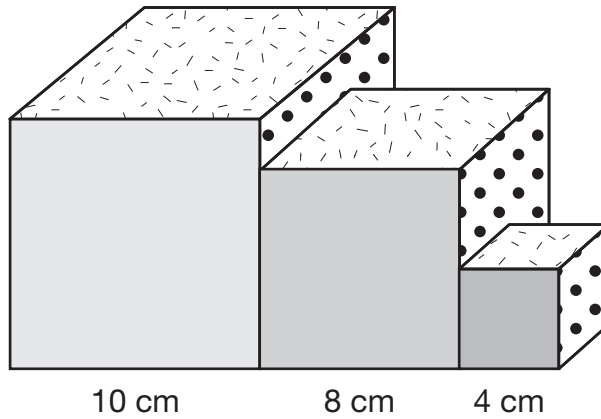
2. The shape in the sketch is built from two smaller boxes. The shape has a volume of $80,000 \text{ cm}^3$.



Find the volume of the shaded box.

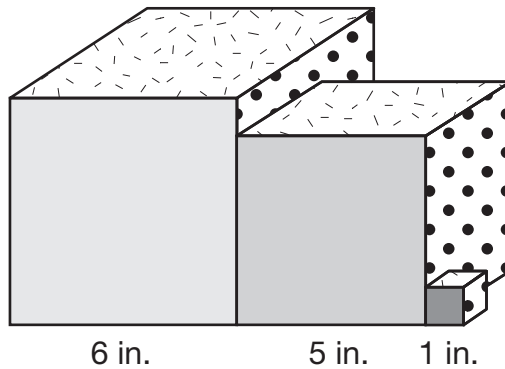
Volume _____

3. The figure is built from three cubes. Find the volume of the entire figure. Show your work and include unit.



Volume _____

4. Another figure is built from three cubes. Find the volume of the entire figure. Show your work and include units.



Volume _____

5. Look at the shapes in Questions 3 and 4. Which shape will hold more water? Explain your thinking.