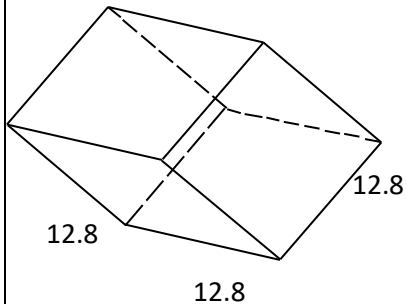


## MATHS WORKSHEETS- VOLUME OF A CUBE

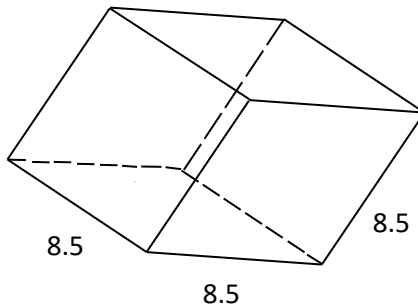
Find the volume of each cube. All measurements are given in cm.

1.



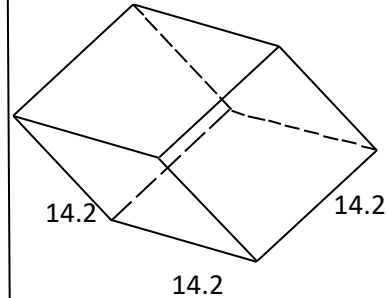
Answer:

2.



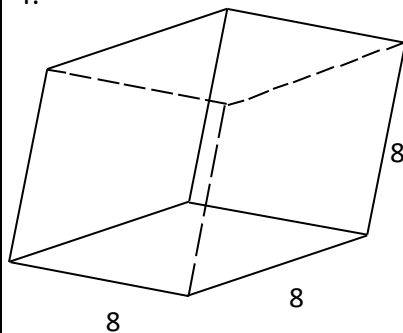
Answer:

3.



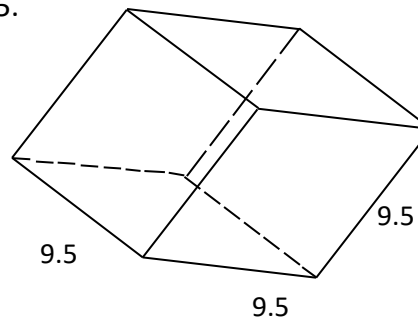
Answer:

4.



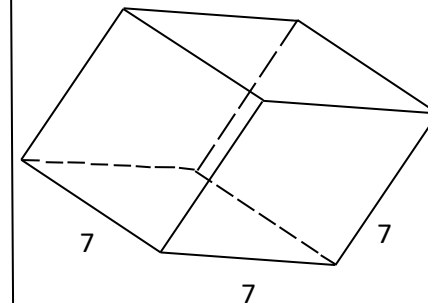
Answer:

5.



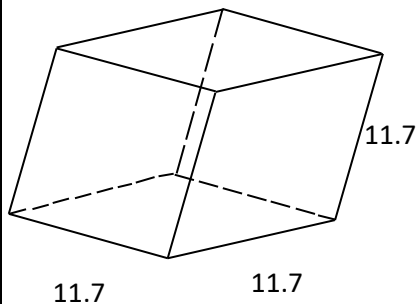
Answer:

6.



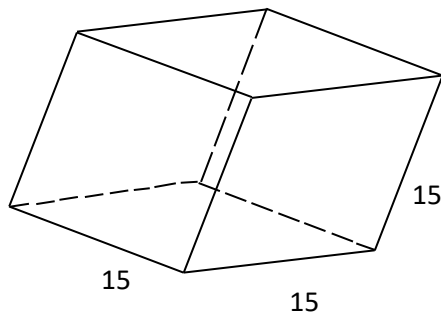
Answer:

7.



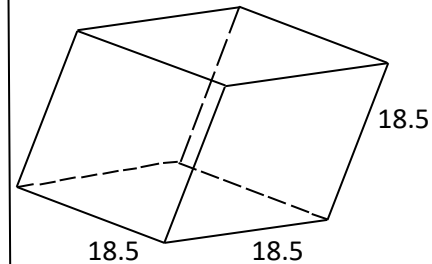
Answer:

8.



Answer:

9.



Answer:

### Answer Key:

$$\text{Volume of a cube} = a^3 \text{ cubic units}$$

$$\text{Volume of a cube} = l \times w \times h \text{ cubic units}$$

where, l = length  
w = width  
h = height

In a cube, L = W =H

1. 2097.15 cm<sup>3</sup>
2. 614.13 cm<sup>3</sup>
3. 2863.29 cm<sup>3</sup>
4. 512 cm<sup>3</sup>
5. 857.38 cm<sup>3</sup>
6. 343 cm<sup>3</sup>
7. 1601.61 cm<sup>3</sup>
8. 3375 cm<sup>3</sup>
9. 6331.63 cm<sup>3</sup>