Ch – 12 Geometry (Lesson-12)

Concept cum Practice as Exit Tickets | Grade 5 Elite Maths

United Arab Emirates
Ministry of Education

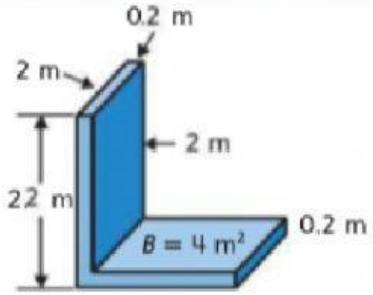
Name: | Date:31/05/2020

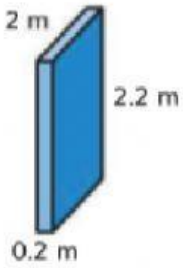
Learning objective – To Find the Volume of Composite Figures

Example 2

Find the volume of the composite figure.

Separate the figure into two prisms.
Find the volume of each prism.





$V = \ell \times w \times h$

$V =$ ____ × ____ × ____ → $V =$ ☐

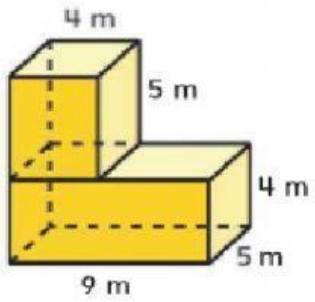
$V = B \times h$

$V =$ ____ × ____ → $V =$ ☐

\+ ☐

Add the volumes. The total volume is _____ cubic meters, or ☐ m^3.

4.



Vol of bottom prism = 9 X _____ X 4

Vol. of bottom prism = _____

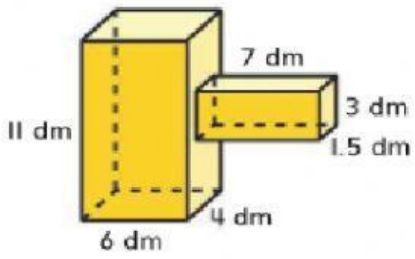
Vol of top prism = 5 X _____ X 5

Vol. of top prism = _____

Vol of Composite Prism = _____ + _____

Total vol = _____ _____

5.



Vol of left prism = 11 X _____ X 4

Vol. of left prism = _____

Vol of right prism = 7 X _____ X 1.5

Vol. of right prism = _____

Vol of Composite Prism = _____ + _____

Total vol = _____ _____