



Name: _____

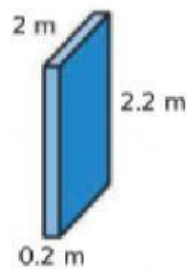
Date: 31/05/2020

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.



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

$$V = \underline{\quad} \times \underline{\quad} \times \underline{\quad}$$

$$V =$$



$$V = B \times h$$

$$V = \underline{\quad} \times \underline{\quad}$$

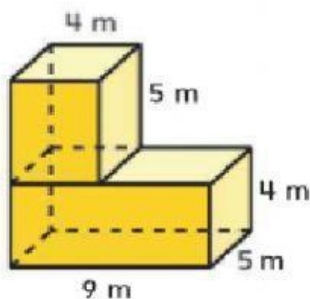
$$V =$$

+

Add the volumes. The total volume is _____ cubic meters, or

m³.

4.



$$\text{Vol of bottom prism} = 9 \times \underline{\quad} \times 4$$

$$\text{Vol. of bottom prism} = \underline{\quad}$$

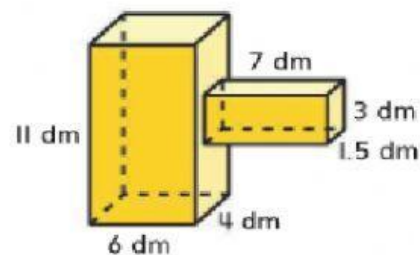
$$\text{Vol of top prism} = 5 \times \underline{\quad} \times 5$$

$$\text{Vol. of top prism} = \underline{\quad}$$

$$\text{Vol of Composite Prism} = \underline{\quad} + \underline{\quad}$$

$$\text{Total vol} = \underline{\quad}$$

5.



$$\text{Vol of left prism} = 11 \times \underline{\quad} \times 4$$

$$\text{Vol. of left prism} = \underline{\quad}$$

$$\text{Vol of right prism} = 7 \times \underline{\quad} \times 1.5$$

$$\text{Vol. of right prism} = \underline{\quad}$$

$$\text{Vol of Composite Prism} = \underline{\quad} + \underline{\quad}$$

$$\text{Total vol} = \underline{\quad}$$