

Area and Volume

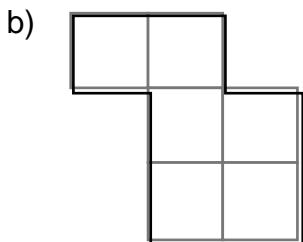
1b name

- 1) Find the area and perimeter of these shapes



$$\text{Area} = \text{cm}^2$$

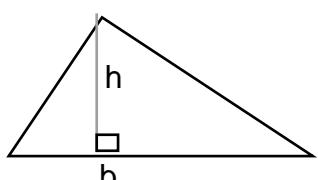
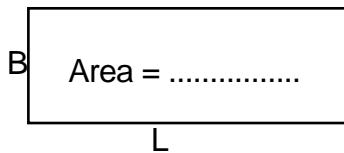
$$\text{perimeter} = \text{cm}$$



$$\text{Area} = \text{cm}^2$$

$$\text{perimeter} = \text{cm}$$

- 2) Complete the following formulas.



$$\text{Area} = \text{.....}$$

$$3)\text{a)} 9 \text{ cm} = \text{mm}$$

$$\text{b)} 2.5 \text{ m} = \text{cm}$$

$$\text{c)} 1 \text{ cm}^3 = \text{ml}$$

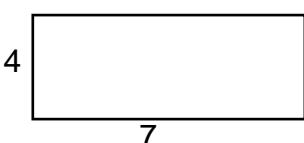
$$\text{d)} 1 \text{ ha} = \text{m}^2$$

$$\text{e)} 3 \text{ litres} = \text{ml}$$

$$\text{f)} 4 \text{ tonne} = \text{kg}$$

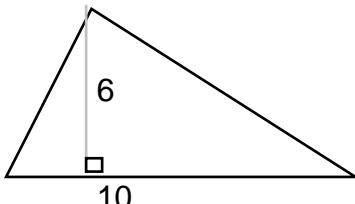
- 4) Find the areas of these shapes (all dimensions in cm)

a)



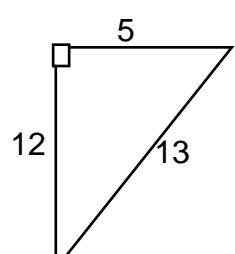
$$\begin{aligned} A &= && (\text{formula}) \\ &= && (\text{substitute}) \\ &= && \text{cm}^2 \end{aligned}$$

b)



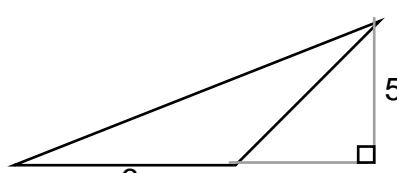
$$\begin{aligned} A &= && (\text{formula}) \\ &= && (\text{substitute}) \\ &= && \text{cm}^2 \end{aligned}$$

c)



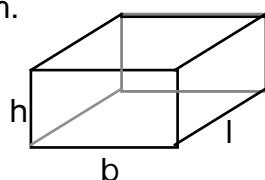
$$\begin{aligned} A &= && (\text{formula}) \\ &= && (\text{substitute}) \\ &= && \text{cm}^2 \end{aligned}$$

d)



$$\begin{aligned} A &= && (\text{formula}) \\ &= && (\text{substitute}) \\ &= && \text{cm}^2 \end{aligned}$$

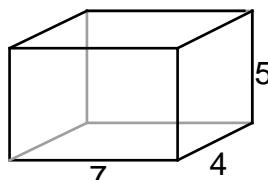
- 5) Complete the formula for the volume of a rectangular prism.



$$V = \text{.....}$$

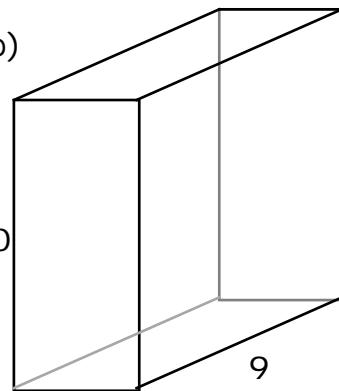
- 6) Find the volumes of these shapes (all dimensions in cm)

a)



$$\begin{aligned} V &= && (\text{formula}) \\ &= && (\text{substitute}) \\ &= && \text{cm}^3 \end{aligned}$$

b)



$$\begin{aligned} V &= && (\text{formula}) \\ &= && (\text{substitute}) \\ &= && \text{cm}^3 \end{aligned}$$

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