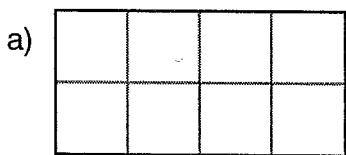


# Area and Volume

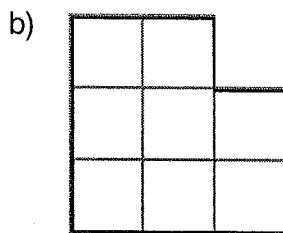
1a name .....

- 1) Find the area and perimeter of these shapes



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

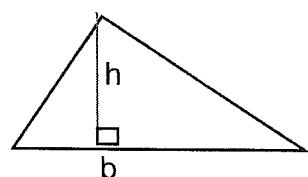
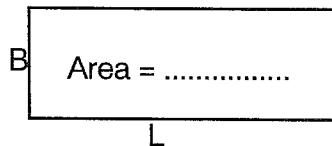
$$\text{perimeter} = \text{cm}$$



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

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

- 2) Complete the following formulas.



$$\text{Area} = \dots$$

$$3)\text{a)} 7 \text{ cm} = \text{mm}$$

$$\text{b)} 3.5 \text{ m} = \text{cm}$$

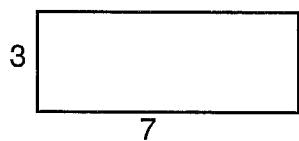
$$\text{c)} 1 \text{ cm}^3 = \text{ml}$$

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

$$\text{e)} 5 \text{ litres} = \text{ml}$$

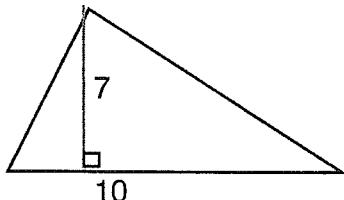
$$\text{f)} 2 \text{ tonne} = \text{kg}$$

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



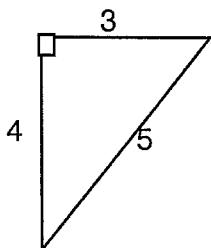
$$\begin{aligned} A &= \dots && \text{(formula)} \\ &= \dots && \text{(substitute)} \\ &= \dots && \text{cm}^2 \end{aligned}$$

b)



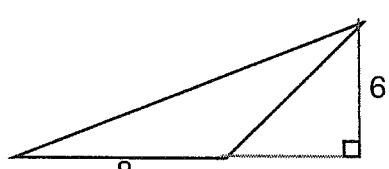
$$\begin{aligned} A &= \dots && \text{(formula)} \\ &= \dots && \text{(substitute)} \\ &= \dots && \text{cm}^2 \end{aligned}$$

c)



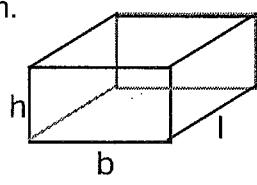
$$\begin{aligned} A &= \dots && \text{(formula)} \\ &= \dots && \text{(substitute)} \\ &= \dots && \text{cm}^2 \end{aligned}$$

d)



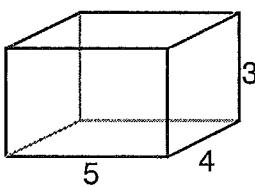
$$\begin{aligned} A &= \dots && \text{(formula)} \\ &= \dots && \text{(substitute)} \\ &= \dots && \text{cm}^2 \end{aligned}$$

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



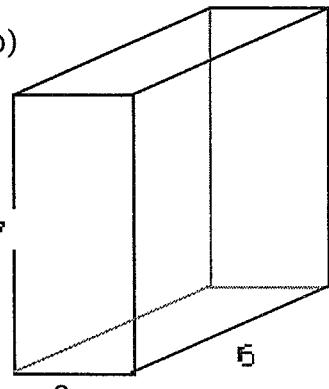
$$V = \dots$$

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



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

b)



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

*Parent's signature and comment*