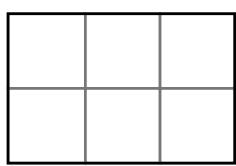


# Area and Volume

1c name .....

- 1) Find the area and perimeter of these shapes

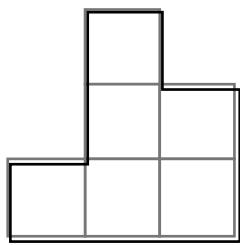
a)



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

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

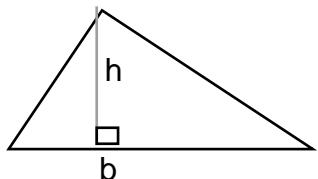
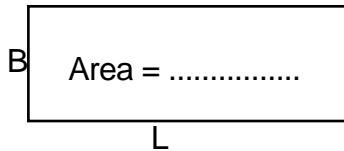
b)



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

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

- 2) Complete the following formulas.



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

3)a)  $5 \text{ cm} = \text{mm}$

b)  $2.3 \text{ m} = \text{cm}$

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

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

e)  $8 \text{ litres} = \text{ml}$

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

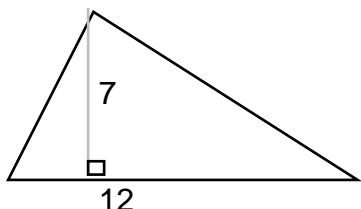
- 4) Find the areas of these shapes (all dimensions in cm)

a)



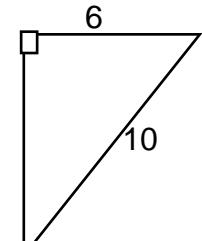
$$\begin{aligned} A &= \dots && (\text{formula}) \\ &= \dots && (\text{substitute}) \\ &= \dots && \text{cm}^2 \end{aligned}$$

b)



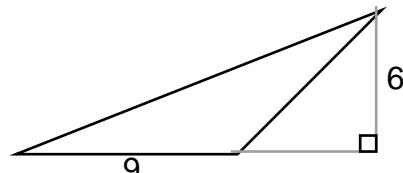
$$\begin{aligned} A &= \dots && (\text{formula}) \\ &= \dots && (\text{substitute}) \\ &= \dots && \text{cm}^2 \end{aligned}$$

c)



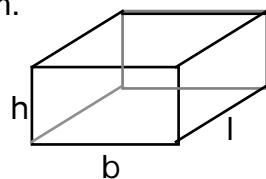
$$\begin{aligned} A &= \dots && (\text{formula}) \\ &= \dots && (\text{substitute}) \\ &= \dots && \text{cm}^2 \end{aligned}$$

d)



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

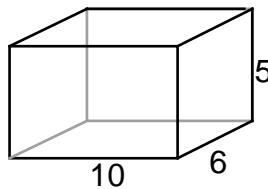
- 5) Complete the formula for the volume of a rectangular prism.



$$V = \dots$$

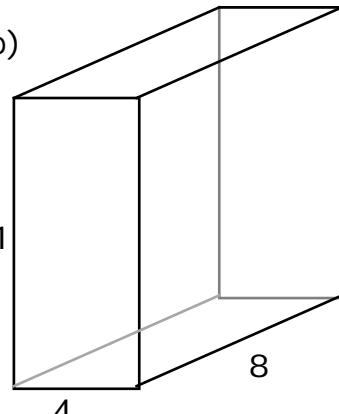
- 6) Find the volumes of these shapes (all dimensions in cm)

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*