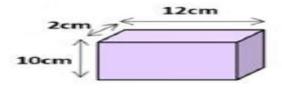
VOLUME OF PRISMS AND CYLINDERS

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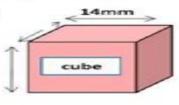
Instructions: Answer ALL questions in the spaces provided.

1. Calculate the **volume** of the following shapes using $\pi = 3.14$, where necessary:

(a)



(b)



(c) 30mm 15mm

Volume = cm³

Volume = mm³ Volume =

 mm^3

(d)





Volume = cm³

Volume = m³

Volume = cm³

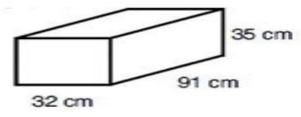
2. Billy buys a fish tank. The dimensions are 32 cm by 91 cm by 35 cm.

(a) Calculate the volume of the fish tank in cm³.

Volume = cm³

(b) How many litres of water will it hold when full? $(1000 \text{ cm}^3 = 1 \text{ litre})$

Answer = litres



Here is the net of a shape.

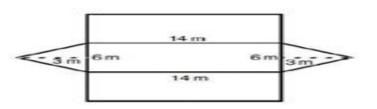
The net will fold up to make a solid.

(a) What is the name of the solid?

Solid:

(b) What is the volume of the solid?

Volume = ____ m³



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Daniel F McAuley

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