SHINING STAR

CHAPTER 4: VOLUME AND SURFACE AREA OF PRISMS

$1 \text{ dm}^3 = 1 \text{ litres}$
$1 \text{ cm}^3 = 1000 \text{ litres}$

1.   Express 2 875 000 cm³

   i)   in m³ [   ]

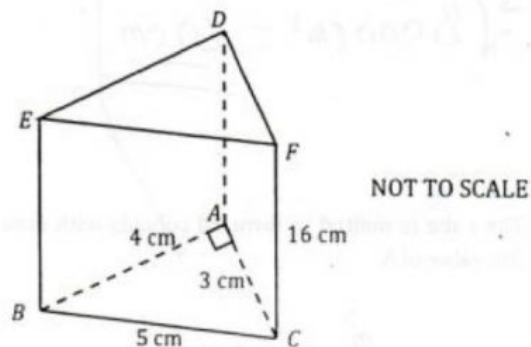   ii)   in litres [   ]

2.   A cuboid has length 20 cm, width 12 cm and height 10 cm. find

   i)   the volume of cuboid, [   ] **cm³**

   ii)   the number of cubes can be obtained, if the cuboid is melted to form smaller
   cubes of length 4 cm. [   ]

3.   The figure shows an open triangular tank with right-angled triangle base. It is given
   that AB = 4 cm, AC = 3 cm, BC = 5 cm and CF = 16 cm.

NOT TO SCALE

   i)   the volume of the water in the tank in litres, [   ] **litres**

   ii)   the surface area of the tank that is in contact with the water.
   [   ] **cm²**

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