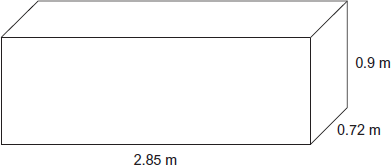
**End of Unit Test** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Volume and Surface Area - FOUNDATION**

**1.**  Work out the volume of the cuboid. State the units of your answer.



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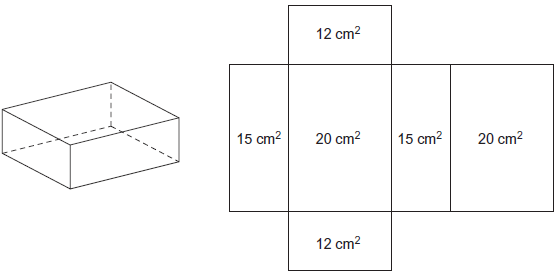
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Answer ......................................................................

**(Total 3 marks)**

**2.** Here is the net of a cuboid. The net shows the area of each face. Not drawn accurately



Work out the **volume** of the cuboid.

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Answer ............................................................... cm3

**(Total 3 marks)**

**3.** The total surface area of a cube is 384 cm². Work out the volume of the cube.

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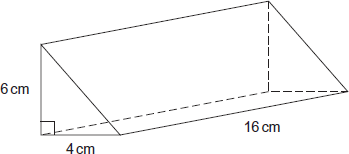
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Answer ...................................................................... cm³

**(Total 4 marks)**

**4.** Calculate the volume of the prism. State the units of your answer.



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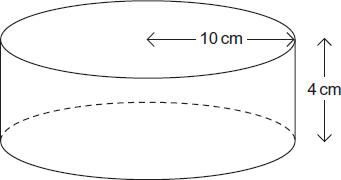
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Answer ......................................................................

**(Total 4 marks)**

**5.** The radius, *r*, of the cylinder is 10 cm. The height, *h*, is 4 cm. The volume, *V*, of a cylinder is *V* = *πr2h.* Work out the volume of the cylinder. Use *π* = 3.1



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Answer ...................................................................... cm3

**(Total 3 marks)**

**6.** A tank contains 0.6m3 of water. The water is used to fill pots. Each pot can hold 1200 cm3

of water. How many pots can be filled?

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Answer ......................................................................

**(Total 3 marks)**

**(Total for test = 20 marks)**