Teaching notes

This Excel spreadsheet provides two questions for students to calculate the volume and capacity of cuboids.

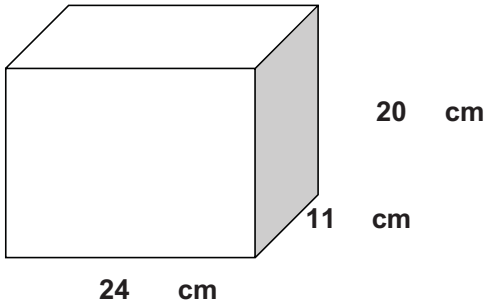
There are four worksheets: the teaching notes, the volume and capacity questions, the answers and Q & A for printing.

The 'volume and capacity - questions' worksheet provide the questions to display on an IWB.
The 'Answers' worksheet provides the answers to the current questions and can be displayed on an IWB.
The 'Q & A for printing' worksheet allows the printing of the question on the first page and the answer on the second. As all printing set-ups vary, you should check the print preview before printing. Please note that changing the column widths may cause the sheets to print incorrectly as the page breaks will change.

For versions of Excel prior to 2010, you can display the questions on an interactive whiteboard using File - Print Preview

 16773

(i) Calculate the cuboid volume of the cuboid.
(ii) Find its capacity in litres.



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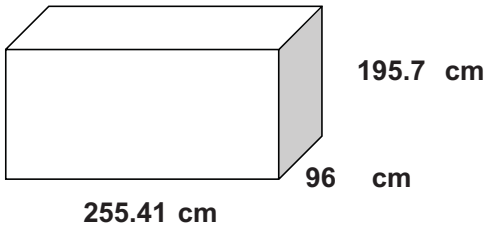

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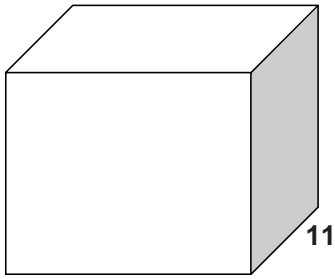

(i) Volume = length x breadth x height

= 24 x 11 x 20

= **5280 cm^3**

(ii) Capacity = 5280 cm^3

= 5280 ml

= **5.28 litres**

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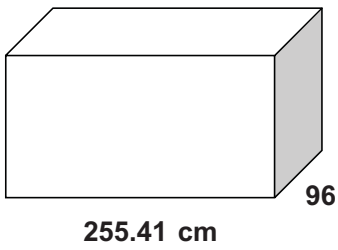
(ii) Find its capacity in litres.



(i) Volume = length x breadth x height

= 255.41 x 96 x 195.7

= **4798439 cm^3**

(ii) Capacity = 4798439 cm^3

= 4798439 ml

= **4798.44 litres**

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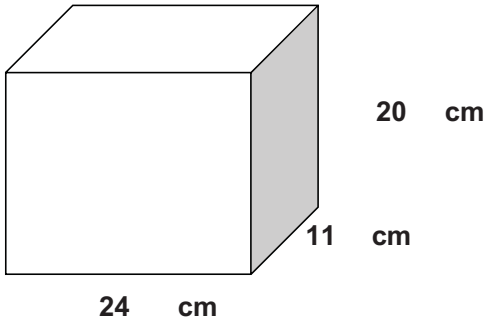

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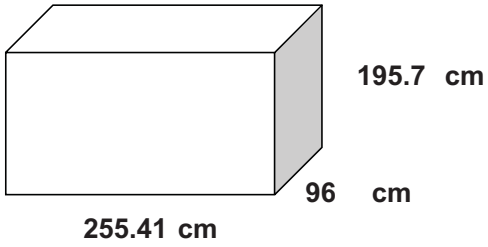

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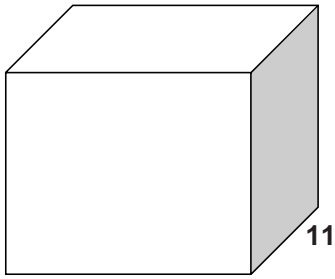

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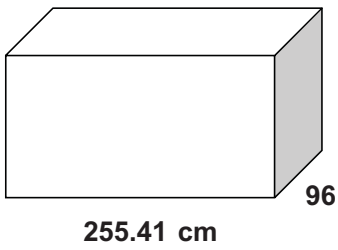

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