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P5 SA2 Mini Revision – Lesson 3

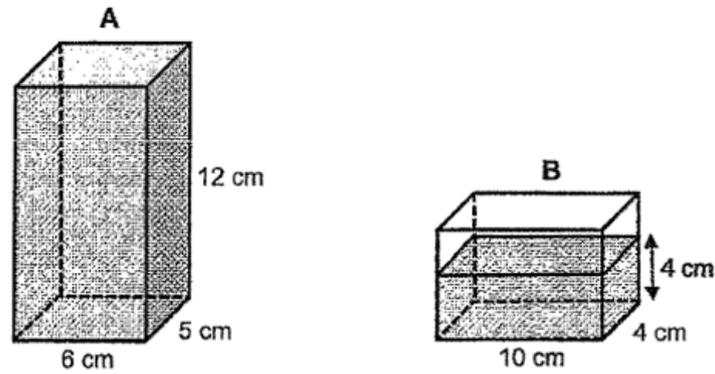
Topic Volume

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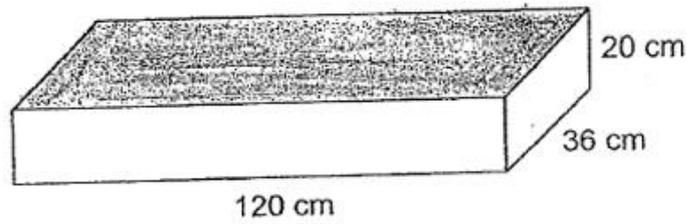
1. The figure shows the amount of water in two rectangular tanks, A and B at first. Tank A was filled to the brim and there was some water in Tank B.



- (a) What is the volume of water in Tank A at first?
- (b) Mrs Lim poured $\frac{1}{3}$ of the water from Tank A into Tank B to fill it to its brim. What is the volume of Tank B?

RED/WA2/24

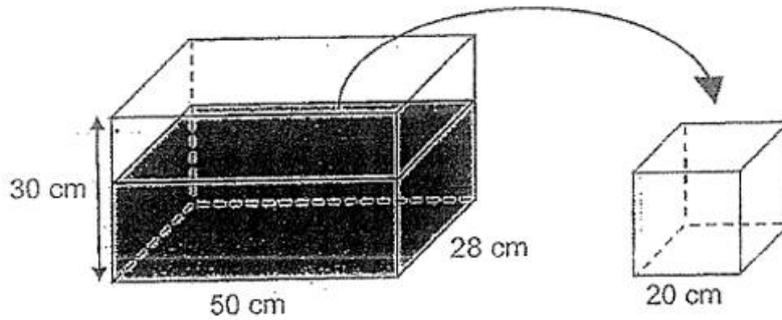
2. Daryl has a rectangular block of wood with only the top face painted.



- (a) What is the volume of the block of wood?
- (b) Daryl cuts the largest possible cube from one corner of the block.
What is the volume of the cube?
- (c) What is the area of the painted face of the remaining block of wood?

ATS/WA2/24

3. A rectangular tank was $\frac{3}{5}$ filled with water at first. Nathan poured some water from the rectangular tank into a 20-cm cubical tank and filled it completely.



- (a) How much water was left in the rectangular tank?

- (b) Then, he filled 12 identical bottles to the brim with water and poured all the water from the 12 bottles into the rectangular tank. There was 31 litres of water in the rectangular tank in the end. What is the capacity of each bottle? Give your answer in litres.

