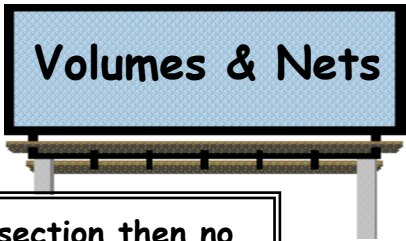# S1 Level 3 Formal Homework
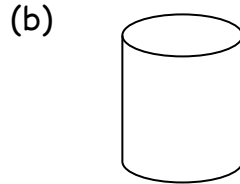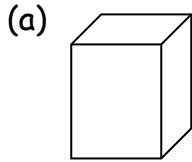
*(Show all working!)*

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**Non Calculator Section: If working is not shown for this section then no marks will be awarded.**
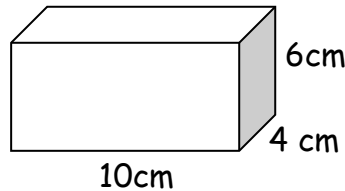
1.      a) 1256.15 x 100          b) 175 ÷ 1000          c) 30% of 45

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2.      State how many faces, edges and vertices the following shapes have:-
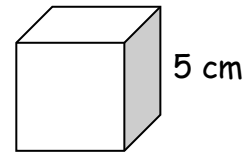(a)                                                        (b)

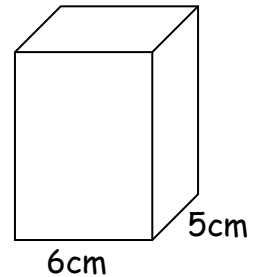3.      Calculate the volume of:-
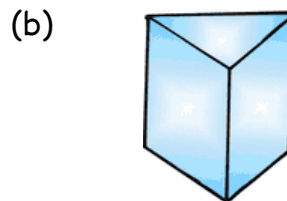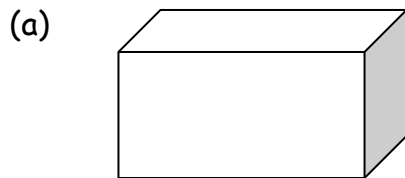(a) Cuboid                                    (b) Cube

6cm
4 cm
10cm

5 cm

4.      Calculate the surface area of **both** shapes in question 3.

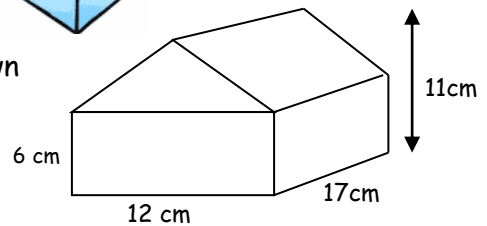5.      The volume of the box shown to the right is 270 cm$^3$.
        Find its height.

5cm
6cm

6.      Sketch the net of the following 3D shapes:

(a)                                            (b)

7.      Calcluate the total volume of the shape shown

11cm
6 cm
12 cm
17cm

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**Revision Section:**
8.      Write each of the following in millilitres.
        (a) 5 litres          (b) 12.4 litres

9.      Write each of the following in litres.
        (a) 25,000 millilitres      (b) 240 millilitres          (c) 4500 cm$^3$

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Greenfaulds High School