Nanyang Primary School
Primary 5
Mathematics
Term 2 Weighted Assessment

Marks: /20

Name: _____ ( )

Class: Primary 5 ( )

Date: _____ Parent's Signature: _____

Duration: 40 minutes

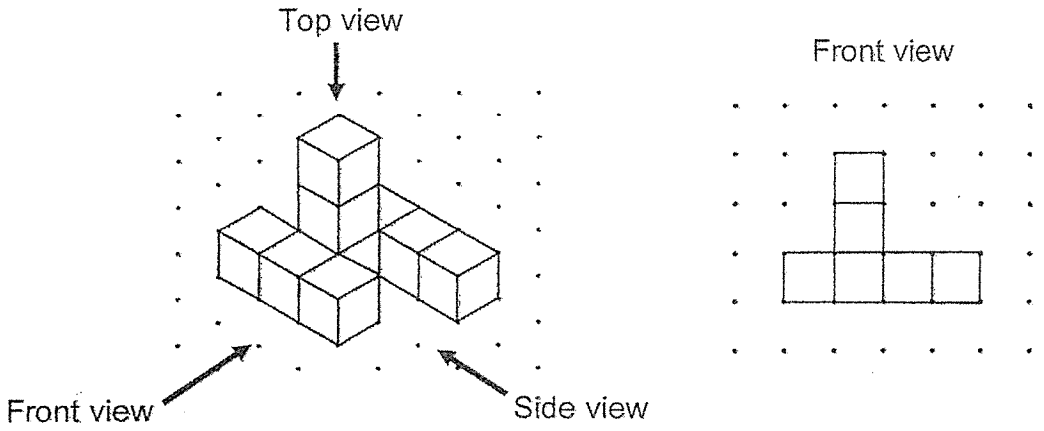
The use of an approved calculator is allowed.

Please sign and return the paper the next day. Any queries should be raised at the same time when returning paper.

Questions 1 to 2 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (4 marks)

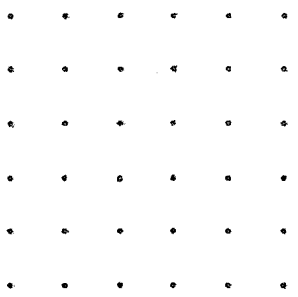
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1 (a) Ali builds a solid using 9 unit cubes.



Draw the side view of the solid on the grid below.

Side view



(b) Find the greatest number of unit cubes Ali can add to the solid without changing the front view and side view.

Ans: _____

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2 Jack had some marbles at first. He sold $\frac{1}{5}$ of the marbles. He then gave $\frac{5}{8}$ of the remaining marbles to his sister. He had 360 marbles left in the end. How many marbles did he have at first?

Ans: _____

For questions **3** to **6**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (16 marks)

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3 Anna had $\frac{7}{8}$ kg of flour at first. She used $\frac{3}{7}$ of the flour to bake a cake.

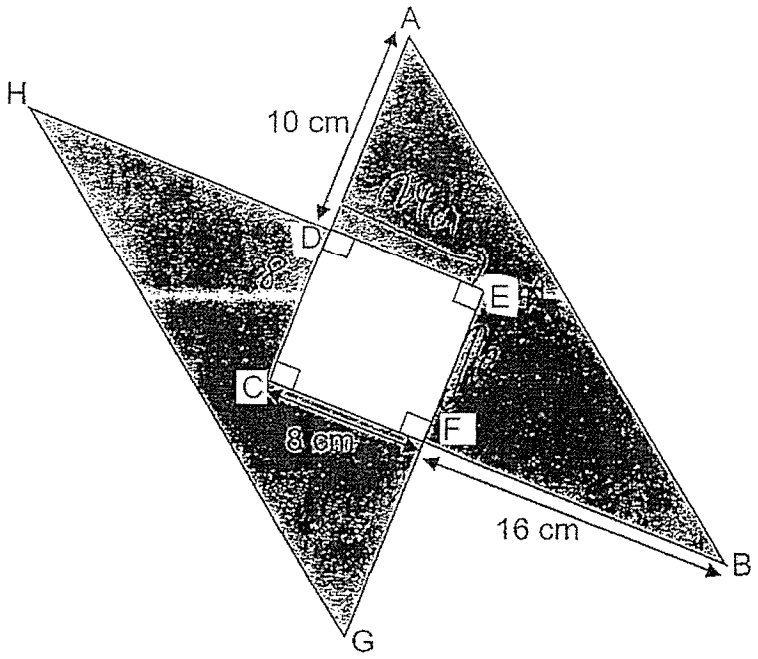
Bob used $\frac{1}{4}$ kg of flour more than Anna. How much flour did Bob use?

Give your answer in kg.

Ans: _____ kg [3]

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4 The figure below is formed by 2 identical triangles, ABC and GHE. Two such triangles are glued together such that they overlap as shown below. CDEF is a square of side 8 cm.



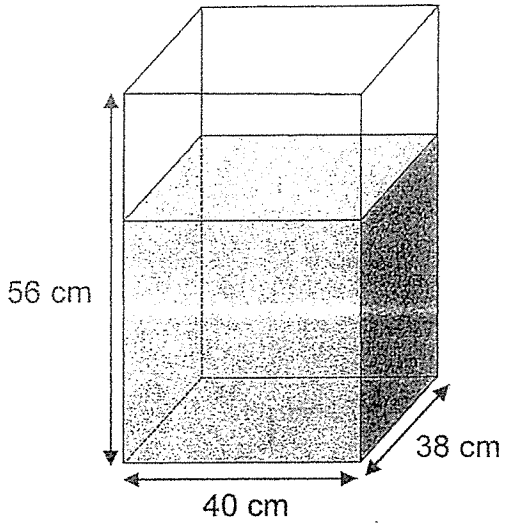
(a) Find the area of triangle ABC.

Ans: (a) _____ cm^2 [2]

(b) Find the total area of the shaded parts of the figure.

Ans: (b) _____ cm^2 [2]

5 The figure below shows a rectangular tank. It was $\frac{5}{7}$ - filled with water at first.



(a) How much water was in the tank at first?

Ans: (a) _____ cm^3 [2]

(b) Syakir poured the water from the tank to completely fill as many empty bottles as possible. The capacity of each bottle was 225 cm^3. How much water was left in the tank in the end?

Ans: (b) _____ cm^3 [2]

6 At an amusement park, $\frac{1}{3}$ of the visitors were children. $\frac{1}{6}$ of the children were boys and $\frac{1}{4}$ of the adults were men. There were 196 men and boys altogether.

(a) How many visitors were there at the amusement park?

Ans: (a) _____ [3]

(b) After some children went home, there were three times as many adults as children left at the amusement park. How many children went home?

Ans: (b) _____ [2]

End of Paper