ROSYTH SCHOOL
2025 WEIGHTED ASSESSMENT (TERM THREE)
MATHEMATICS
PRIMARY 5
PAPER 2

Name : _____ Register No. _____

Class : Pr 5 - _____

Date : _____ Parent's Signature: _____

Time : 50 min

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Use a dark blue or black ballpoint pen to write your answers in the space provided for each question.
5. The use of an approved calculator is allowed.
6. Do not use correction fluid/tape.
7. Do not use highlighters on any part of your answers.

Questions	Maximum Mark	Marks Obtained
Q 1 to 4	8	
Q 5 – 10	22	
Total	30	

* This booklet consists of 8 pages (including this cover page).

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

(8 marks)

All diagrams in this paper are not drawn to scale unless stated otherwise.

Do not write in this space

1. Ellie has 600 pens. She wants to pack them into boxes. Each box contains 70 pens. How many such boxes will she have?

Ans: _____

2. A basket with 4 identical metal balls has a mass of 5.3 kg. The mass of the empty basket is 0.72 kg. Find the mass of each metal ball.

Ans: _____ kg

(Go on to the next page)

3. Li Ting had $90. She spent $26 on a bag. What percentage of her money was spent? Give your answer correct to 2 decimal places.

Do not write in this space

Ans: _____ %

4. Mrs Lim bought a jacket at a discounted price of $93.50. She saved $16.50. What was the percentage discount?

Ans: _____ %

(Go on to the next page)

For Questions **5** to **10**, show your working clearly in the space provided for each question 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. For questions which require units, give your answers in the units stated.

(22 marks)

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Do not write in this space

5. Mrs Toh mixed 5.8 ℓ of syrup with 12.92 ℓ of water to make fruit punch. The fruit punch was then poured into 36 cups. Find the volume of fruit punch in each cup.

Ans: _____ ℓ [3]

6. Mr Tan sold bags during a sale event. For every bag he sold, he would earn \$8. For every 10 bags he sold, he would earn an additional \$15. Mr Tan earned \$499 from selling the bags. How many bags did he sell?

Ans: _____ [3]

(Go on to the next page)

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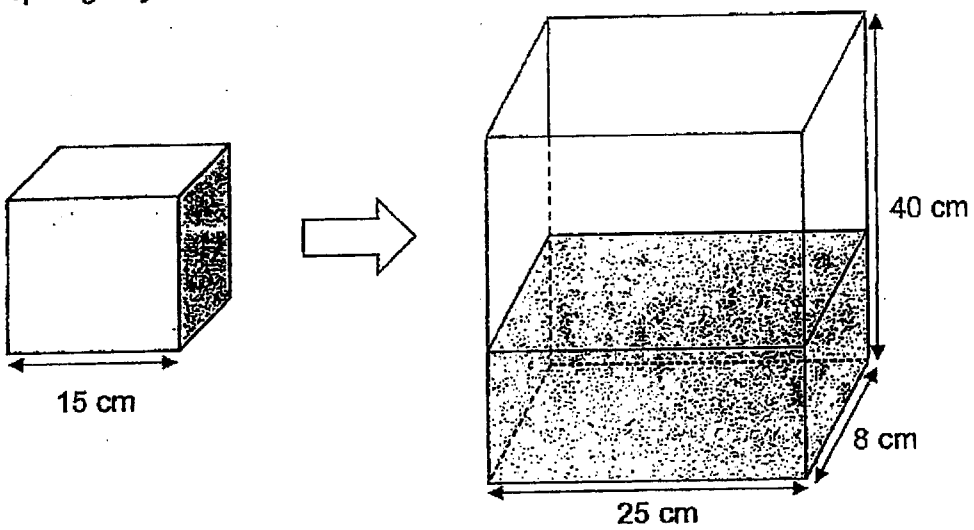
7. A cubical tank of side 15 cm was completely filled with water. Chloe poured all the water from the cubical tank into an empty rectangular tank A without spilling any water.



Tank A

(a) What was the volume of water that was poured into the rectangular tank?

Ans: _____ cm^3 [1]

(b) After that, Chloe used cups containing 125 ml of water each to fill Tank A completely without spilling any water. How many cups were used?

Ans: _____ [2]

(Go on to the next page)

8. Jane designed a pattern using white and grey squares.

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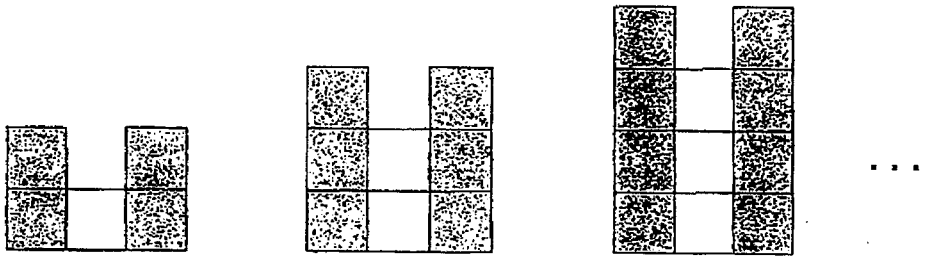

Figure 1 Figure 2 Figure 3

(a) Complete the table below. [1]

Figure	Number of white squares	Number of grey squares	Total number of squares
1	1	4	5
2	2	6	8
3	3	8	11
. . .	. . .	. . .	. . .
7	7	(i) _____	(ii) _____

(b) How many grey squares are there in Figure 70?

Ans: (b) _____ [2]

(c) Which figure has a total of 989 squares?

Ans: (c) _____ [2]

(Go on to the next page)

9. Ali had a rectangular block of wood 10 cm by 7 cm by 4 cm. He painted all six faces of the block.

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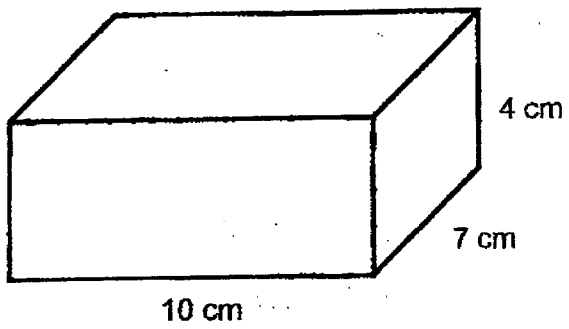

(a) What is the total painted area?

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

(b) Ali cut the block into 1-cm cubes.
How many of these cubes have none of the faces painted?

Ans: (b) _____ [2]

(Go on to the next page)

10. At a fruit stall, apples are only sold in bags as shown below. A bag of 6 small apples costs $4.50. A bag of 4 large apples costs $5.50.

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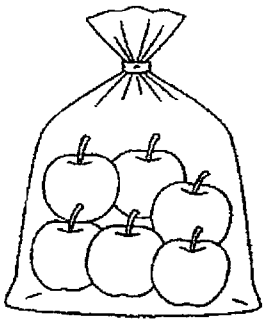
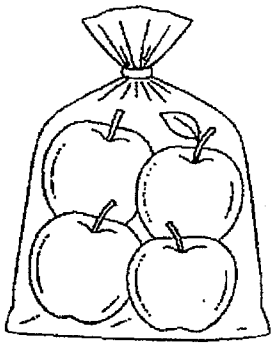


Bag of 6 small apples
$4.50



Bag of 4 large apples
$5.50

Mr Ravi spent an equal amount of money on the small apples and on the large apples. He bought 780 more small apples than large apples. How many apples did he buy altogether?

Ans: _____ [4]

End of paper
Have you checked your work?

YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHEMATICS
TERM : WEIGHTED ASSESSMENT 3

Q1	600 ÷ 70 = 8R40 Ans : 8		
Q2	4 metal balls = 5.3kg – 0.72kg = 5300g – 720g = 4580g 1 metal ball = 4580 ÷ 4 = 1145g = 1.145kg		
Q3	$\frac{26}{90}$ x 100% = 28.888% = 28.89%		
Q4	Cost of jacket = $93.50 + $16.50 = $110 $\frac{16.50}{110}$ x 100% = 15%		
Q5	Amount of fruit punch = 5.8L + 12.92L = 18.72L Amount of fruit punch in a cup = 18.72 ÷ 36 = 0.52L		
Q6	10 bags = $8 x $10 + $15 = $95 No. of bags = $499 ÷ 95 = 5R24 Extra = $24 ÷ 8 = 3 No. of bags sold (5 x 10) + 3 = 53		
Q7	a)	Volume of water = 15^3 = 15 x 15 x 15 = 3375cm^3	
	b)	Cap. Of Tank A = 25 x 8 x 40 = 8000cm^3 Cap. After water poured = 8000 – 3375 = 4625 No. of cups used = 4625 ÷ 125 = 37	
Q8	a)	i)	16
		ii)	23
	b)	Grey square = (n + 1) x 2 Fig 1 = (1 + 1) x 2 = 4 Fig 2 = (2 + 1) x 2 = 6 Fig 3 = (3 + 1) x 2 = 8 Fig 70 = (70 + 1) x 2 = 142	
	c)	989 – 5 = 984 984 ÷ 3 = 328 328 + 1 = 329	
Q9	a)	Front + Back = 10 x 4 x 2 = 80cm^2 Bottom + Top = 10 x 7 x 2 = 140cm^2 Left + Right = 7 x 4 x 2 = 56cm^2 80 + 140 + 56 = 276cm^2	
	b)	Length = 10 – 2 = 8 Breadth = 7 – 2 = 5	

		Height = 4 – 2 = 2 Total no. of unpainted cubes = 8 x 5 x 2 = 80
Q10	Small apple = $9, 12 (Both x 11) $99, 132 Big apple $11 = 8 $99 = 72 1 = 132S, 72L Big Diff = 780 Small diff = 132 – 72 = 60 780 ÷ 60 = 13 132 + 72 = 204 204 x 13 = 2652	

2
END