Name: _____( )

Class: Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2025 Weighted Assessment

Term 3 Week 8

Total		30

_____

Parent's / Guardian's Signature

Time : 50 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of an approved calculator is expected, where appropriate.

This booklet consists of 11 printed pages.

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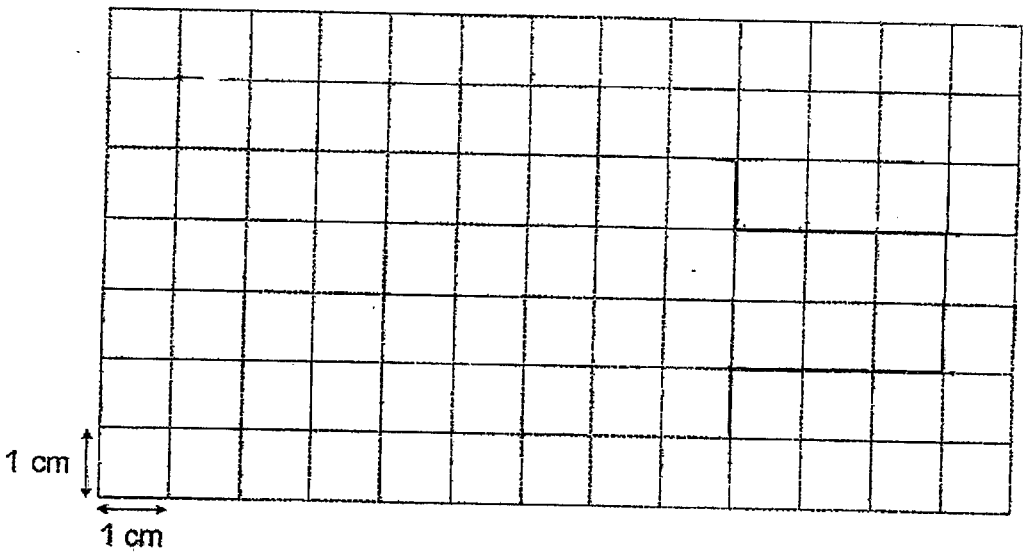
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Questions **1** to **3** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(6 marks)

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1. The square grid shows a figure made up of a triangle and a rectangle.



Find the area of the figure.

Ans : _____ cm^2

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2. Angeline paid $310 for 4 music lessons. At this rate, how much did she pay for 18 music lessons?

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Ans : $ _____

3. Shobana had 1.2 kg of flour at first. Using all the flour, she could either bake 5 similar cakes or 60 similar muffins. In the end, she baked just 1 such cake and 12 such muffins. What was the amount of flour left?

Ans : _____ g

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For questions **4** to **9**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets ( ) at the end of each question or part-question. (24 marks)

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4. The table shows the height of four girls.

Name	Height
Devi	1.54 m
Jamilah	1 m 35 cm
Kate	?
Mary	140 cm

(a) What is the total height of Devi and Jamilah? Round your answer to the nearest metre.

Ans : (a) _____ [1]

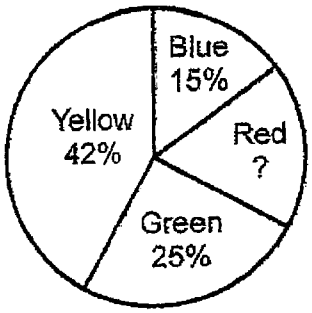
(b) The total height of the four girls is 5.9 m. What is Kate's height? Leave your answer in centimetres.

Ans : (b) _____ [2]

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5. The pie chart shows the number of different coloured highlighters.



(a) What fraction of the highlighters were red?

Ans : (a) _____ [1]

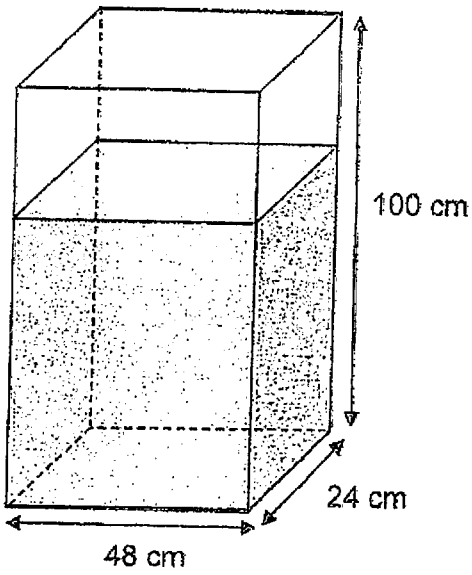
(b) There were 120 highlighters altogether. How many green and blue highlighters were there altogether?

Ans : (b) _____ [2]

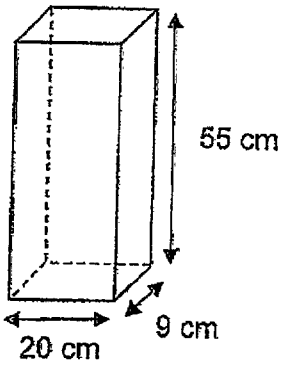
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6. Tank X was $\frac{3}{4}$ filled with water. Tank Y was empty.

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Tank X



Tank Y

(a) The water in Tank X was poured into Tank Y to fill it to the brim without overflowing. How much water was left in Tank X?

Ans : (a) _____ [2]

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6. (b) The water left in Tank X was used to fill up some 650-ml bottles completely. There was not enough water to fill up the last bottle. How much more water was needed to fill the last bottle completely?

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Ans : (b) _____ [2]

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7. The table shows the shipping charges for parcels. Mrs Lim shipped out two parcels, A and B.

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Mass of Parcel	Shipping Charges
First 3 kg	$6.90 per kg
For every additional 500 g or part thereof	$2.90

(a) Mrs Lim paid $13.80 for Parcel A. What was the mass of Parcel A?

Ans : (a) _____ [1]

(b) Parcel B had a mass of 4.7 kg. How much did Mrs Lim pay for shipping parcel B?

Ans : (b) _____ [3]

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8. A shop owner had a total of 480 black, grey and white shirts. $\frac{1}{4}$ of the shirts were black, $\frac{3}{8}$ of them were grey and the rest were white. Some white shirts and $\frac{1}{2}$ of the black shirts were sold.

(a) A total of 198 shirts were sold. How many white shirts were not sold?

Ans: (a) _____ [3]

(b) The shop owner then bought another 40 black shirts. How many shirts did the shop owner have in the end?

Ans : (b) _____ [2]

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9. Alan made some figures using toothpicks. The figures follow a pattern and the first four figures are shown below.

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Figure 1 Figure 2 Figure 3 Figure 4

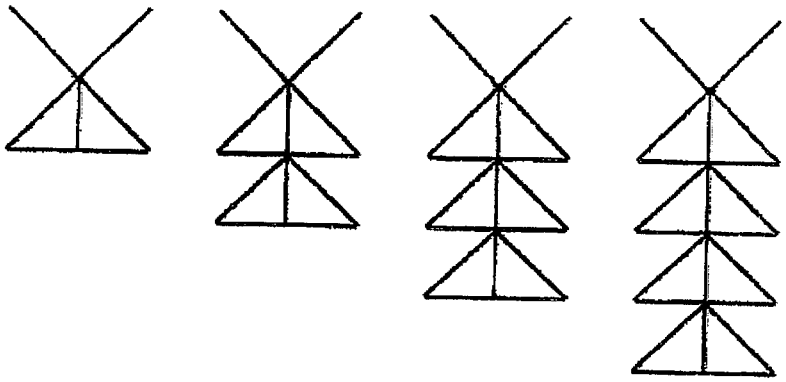


Figure	Number of toothpicks	Number of triangles
1	7	2
2	12	4
3	17	6
4	22	8
. . .	. . .	
7	(a) _____	(a) _____

[2]

(a) Fill in the table above for Figure 7.

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9. (b) Alan made a figure with 26 triangles. What is the figure number?

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Ans: (b) Figure _____ [1]

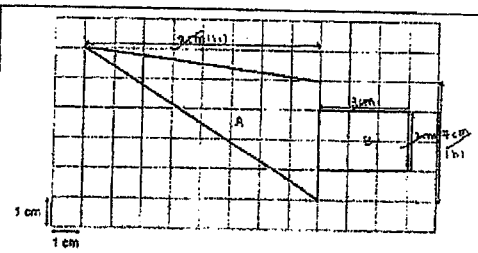
(c) Alan used 72 toothpicks. How many triangles did he make?

Ans: (c) _____ [2]

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YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : WEIGHTED ASSESSMENT TERM 3 WEEK 8

Q1	 Area of A = $\frac{1}{2}$ x 4 x 8 = 16cm^2 Area of B = 2cm x 3cm = 6cm^2 16 + 6 = 22cm^2	Q2	18 ÷ 4 = 4.5 4.5 x $310 = $1395
Q3	1 cake → 1.2 ÷ 5 = 0.24kg 1 muffin → 1.2 ÷ 60 = 0.02kg 12 muffin → 0.02 x 12 = 0.24kg 0.24 + 0.24 = 0.48 1.2 – 0.48 = 0.72kg = 720g	Q4	a) 1m 35cm + 1.54m = 2.89cm ≈ 3m b) 1.35m + 1.54m + 1.4m = 4.29m 5.9 – 4.29 = 1.61m = 161cm
Q5	a) 42% + 25% + 15% = 82% 100% - 82% = 18% = $\frac{18}{100}$ = $\frac{9}{50}$ b) 25% + 15% = 40% $\frac{40}{100}$ x 120 = 48	Q6	a) Capacity of tank Y = 20cm x 9cm x 55cm = 9900cm^3 Capacity of tank X = 48cm x 24cm x 100cm = 115200cm^3 $\frac{3}{4}$ x 115200 = 86400cm^3 86400 – 9900 = 76500cm^3 b) 76500 ÷ 650 = 117 $\frac{9}{13}$ = 117 R450 $\frac{9}{13}$ x 650 = 450 650ml x 117 = 76050 76500 – 76050 = 450 650 – 450 = 200ml
Q7	a) $13.80 ÷ $6.90 = 2 2 x 1kg = 2kg b)$6.90 x 3 = $20.70 4.7kg – 3kg = 1.7kg 1.7kg ÷ 500g = 3 R0.2 3 + 1 = 4 4 x $2.90 = $11.60 $20.70 + $11.60 = $32.30	Q8	a) $\frac{1}{4} + \frac{3}{8} = \frac{2}{8} + \frac{3}{8}$ = $\frac{5}{8}$ $\frac{1}{4}$ x 80 = 120 1 - $\frac{5}{8}$ = $\frac{3}{8}$ $\frac{3}{8}$ x 480 = 180 $\frac{1}{2}$ x 120 = 60

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			198 – 60 = 138 180 – 138 = 42 b) G → 180 W (unsold) → 42 B (unsold) → 60(120 ÷ 2 = 60) 180 + 42 + 60 + 40 = 322
Q9	a) Fig. 7 | 37 | 14 Figure | 5 | 6 | 7 No. of toothpicks | 22 + 5 = 27 | 27 + 5 = 32 | 32 + 5 = 37 No. of triangles | 8 + 2 = 10 | 10 + 2 = 12 | 12 + 2 = 14 b) Fig. No x 2 = 26 triangle 26 ÷ 2 = 13 c) Fig. No x 5 + 2 → Toothpicks Fig. No x 5 + 2 = 72 72 - 2 = 70 70 ÷ 5 = 14 Fig. No x 2 → Triangle 14 x 2 = 28		

2

END

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