Anglo-Chinese School (Junior)

NON-WEIGHTED BITE-SIZED ASSESSMENT 2 (2025)

PRIMARY 6

MATHEMATICS

Wednesday **7 May 2025** **50 min**

Name: _____ ( )

Class: 6.( ) Parent's Signature: _____

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 Answer ALL questions.

4 The use of calculators is <u>not</u> allowed for this paper.

Section	Possible Marks	Marks Obtained
A	10	
B	15	
C	10	
Total	35	

This question paper consists of 13 printed pages (inclusive of cover page).

Section A

Questions **1** to **4** carry 1 mark each. Questions **5** to **7** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). (10 marks)

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1. Which set of operations makes the equation below true?

30 ◯ 8 ♡ 2 = 120

	◯	♡
(1)	−	×
(2)	×	÷
(3)	+	×
(4)	×	−

Sub-Total : ☐

2. John folded 18 paper planes in $\frac{2}{3}$ h. He spends the same amount of time folding each paper plane. How long does he take to fold one paper plane?

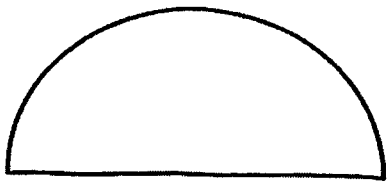
(1) $\frac{1}{27}$ h

(2) $\frac{1}{12}$ h

(3) $\frac{1}{9}$ h

(4) $\frac{1}{6}$ h

3. The figure is a semi-circle of radius 7 cm. Find the perimeter of the figure. (Take $\pi = \frac{22}{7}$)



(1) 29 cm

(2) 36 cm

(3) 51cm

(4) 58 cm

4. Jane is m years old. Her father is 3 times as old as she is. Her mother is 4 years younger than her father. How old was her mother?

(1) (3m – 4) years old

(2) (3m + 4) years old

(3) (4m – 3) years old

(4) (4m + 3) years old

Sub-Total :

5. The mass of a bag of flour was 8.4 kg. All the flour was put into 3 bags. The first bag was twice as heavy as the second bag. The second bag was 3 times as heavy as the third bag. What was the mass of the second bag of flour?

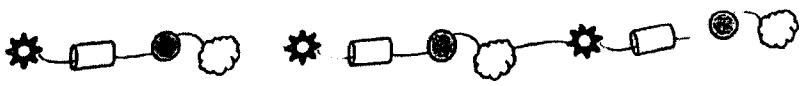
(1) 1.68 kg

(2) 2.52 kg

(3) 2.80 kg

(4) 4.20 kg

6. Different beads were used to make a necklace with a repeated pattern. The first 12 beads are shown below. What will the 74th bead be?



(1) 

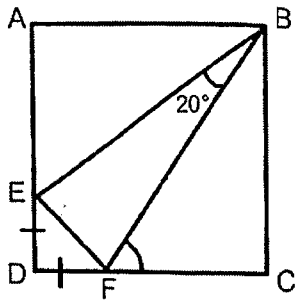
(2) 

(3) 

(4) 

Sub-Total :

7. ABCD is a square and BEF is an isosceles triangle. DF = DE and BE = BF. Find ∠BFC.



(1) 25°

(2) 45°

(3) 55°

(4) 80°

Sub-Total :

Section B1

Questions **8** to **12** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

8. Write the greatest 4-digit even number without using the digits 2, 4, 8 and 9. The digits cannot be repeated.

Ans: _____

9. Find the value of $8 \div \frac{3}{7}$. Leave your answer as a mixed number.

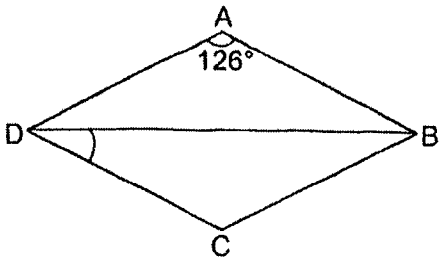
Ans: _____

10. What is the value of $\frac{6a + 12}{5}$ when $a = 3$.

Ans: _____

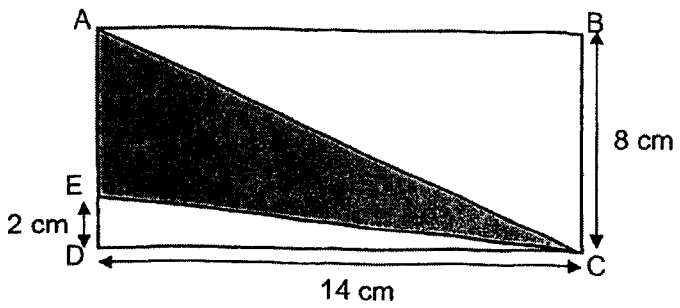
Sub-Total : [ ]

11. ABCD is a rhombus. Find ∠BDC.



Ans: _____°

12. In the figure below, ABCD is a rectangle. DE = 2 cm. Find the area of the triangle ACE.



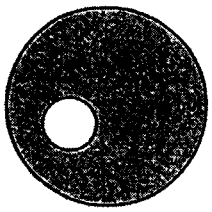
Ans: _____cm²

Sub-Total : [ ]

Section B2

Questions 13 to 17 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. (10 marks)

13. The figure below shows two circles. The diameter of the small circle is $\frac{1}{4}$ the diameter of the big circle. The diameter of the big circle is 56 cm. Find the area of the shaded part. (Take $\pi = \frac{22}{7}$)



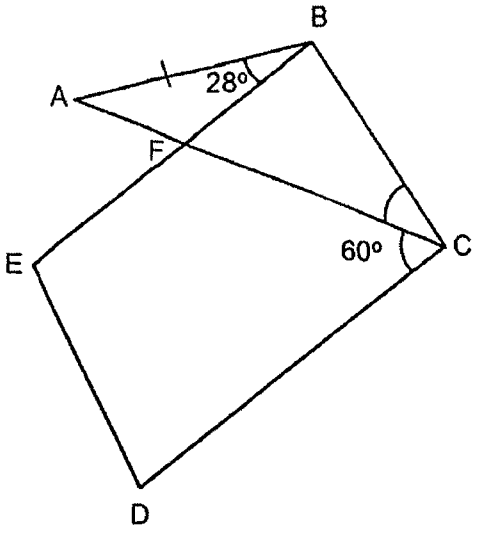
Ans: _____ cm^2

14. The price of a muffin was $\$w$. Miss Tan bought 28 muffins. She was given a discount of \$1.50 for every 3 ~~pies~~ **muffins**. How much did she pay for the muffins altogether?

_____ Ans: \$_____

Sub-Total : [ ]

15. In the figure, BCDE is a trapezium. AFC and BFE are straight lines and AB = BC. ∠ABF = 28° and ∠FCD = 60°. Find ∠BCF.



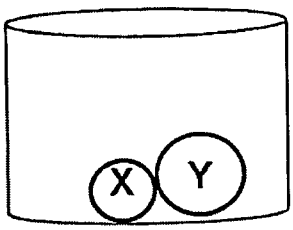
Ans: _____ . __°

16. Hugo had 18 fewer stickers than Jamie. Jamie gave some stickers to Hugo. In the end, Hugo had 24 more than Jamie. How many stickers did Jamie give to Hugo?

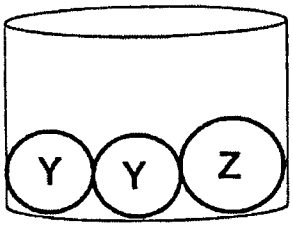
Ans: _____

Sub-Total : ☐

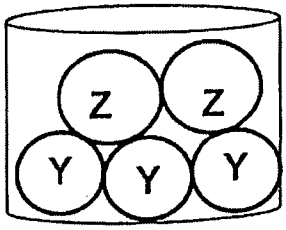
17. Three identical containers filled with different marbles were weighed. The mass of each container with the marbles were recorded as shown below. What was the mass of Marble X? Give your answer in grams.



Container 1
235 g



Container 2
0.62 kg



Container 3
1.04 kg

Ans: _____ g

10

Sub-Total :

Section C

For questions 18 to 20, show your working clearly 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.
(10 marks)

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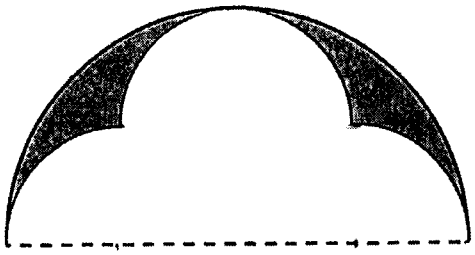
18. A group of boys planned to make 18 cards each for Teachers' Day. 4 more boys joined in to help them. As a result, each boy needed to make 12 cards only. How many cards were made altogether?

Ans: _____[3]

Sub-Total : ☐

19. Kieran formed a figure as shown below. Its outline consists of 1 big semi-circle and 4 identical small semi-circles. The radius of each small semi circle is 10 cm. Find the area of the shaded part. Take $\pi = 3.14$.



Ans: _____ [3]

Sub-Total :

20. Rishu had some money left after spending $104 on a pair of shoes, a cap and a book. He could not buy another similar pair of shoes with his remaining money as he was short of $29. He decided to buy another similar book instead and had $11 left in the end.

(a) How much more did the pair of shoes cost than the book?

Ans: _____ [1]

(b) A pair of shoes cost 4 times as much as the cap, how much did Rishu have at first?

Ans: _____ [3]

End of Paper

Sub-Total : [ ]

SCHOOL : ACSJ SCHOOL
LEVEL : PRIMARY 6
SUBJECT : MATH
TERM : WA2 2025

Q1	Q2	Q3	Q4	Q5	Q6	Q7			
2	1	2	1	2	2	3			

Q8)	7650
Q9)	$18\frac{2}{3}$
Q10)	6
Q11)	27°
Q12)	½ x 6 x14 = 42cm2
Q13)	2310cm2
Q14)	(28w + 13.50)
Q15)	180 – 28 = 152° 180 – 60 = 120° 152 – 120 = 32°
Q16)	18 ÷ 2 = 9 24 ÷ 2 = 12 9 + 12 = 21
Q17)	1.04 – 0.62 = 0.42 0.62 – 0.42 = 0.20 0.20kg = 420g 0.20kg = 200g 235 – 200 = 35g
Q18)	(n x 18) = (n+4) x12 18n = 12n +48 18n – 12n = 48 6n = 48 n = 48÷ 6 = 8 8 x 18 = 144
Q19)	114cm2
Q20)	a)$29 + 11 = $40 b)$139