RAFFLES GIRLS' PRIMARY SCHOOL
END YEAR EXAMINATION 2023
MATHEMATICS
PRIMARY 3

Name: _____ ( ) Class: P3 _____

Date: 24 October 2023 Duration: 1 h 45 min

Your Score	
Section A (28 marks)	
Section B (32 marks)	
Section C (20 marks)	
Overall (Out of 80 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer ALL questions and show all working clearly.

SECTION A (28 marks)

Questions **1** to **4** carry 1 mark each and questions **5** to **16** 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) and shade your answer (1, 2, 3 or 4) on the Optical Answer Sheet.

---

1. The value of the digit 3 in 7329 is _____

   (1) 3
   (2) 30
   (3) 300
   (4) 3000

2. 7000 + 900 + 9 = _____

   (1) 7999
   (2) 7990
   (3) 7909
   (4) 7099

3. Eight thousand, nine hundred and thirty-five in numerals is _____.

   (1) 8350
   (2) 8395
   (3) 8593
   (4) 8935

4. Susan has 72 pencils. She wants to pack them equally into 8 goodie bags. How many pencils are there in one bag?

(1) 8

(2) 9

(3) 64

(4) 72

5. $\frac{1}{4} = \frac{\square}{12}$

What is the missing number in the box?

(1) 9

(2) 6

(3) 3

(4) 4

6. $\frac{1}{5} + \frac{1}{10} = \square$

(1) $\frac{1}{50}$

(2) $\frac{2}{5}$

(3) $\frac{2}{15}$

(4) $\frac{3}{10}$

7. $\frac{2}{3} - \frac{3}{9} = \square$

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

(2) $\frac{1}{6}$

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

(4) $\frac{5}{12}$

8. Arrange the following numbers from the greatest to the smallest.

6507 6057 6705

	(greatest)		(smallest)
(1)	6057	6507	6705
(2)	6507	6705	6057
(3)	6705	6057	6507
(4)	6705	6507	6057

9. Ms Chong baked 498 cookies. She ate 6 cookies and gave 60 cookies to her friends. How many cookies were left?

(1) 432

(2) 438

(3) 492

(4) 564

10. What does ☆ represent?

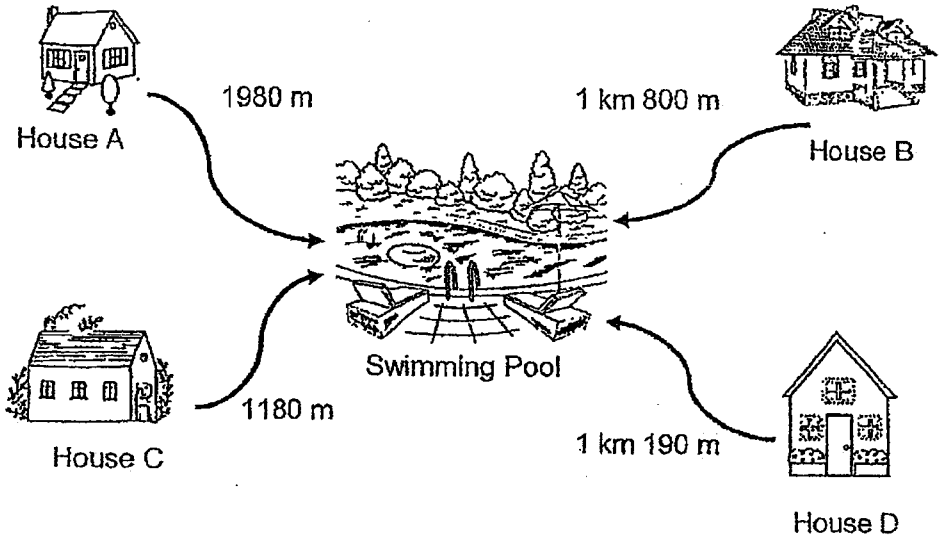
$$\begin{array}{r} 2\ \bigstar\ 6 \\ \times \qquad\ 4 \\ \hline 9\ 4\ 4 \end{array}$$

(1) 1
(2) 2
(3) 3
(4) 4

11. How many minutes are there in 2 h 38 min?

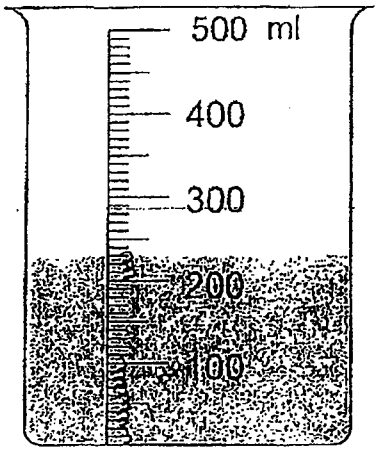
(1) 40
(2) 98
(3) 158
(4) 238

12. Which house is the furthest from the swimming pool?



(1) House A
(2) House B
(3) House C
(4) House D

13. How much more water is needed to fill the beaker to 500 ml?



(1) 207 ml
(2) 230 ml
(3) 270 ml
(4) 370 ml

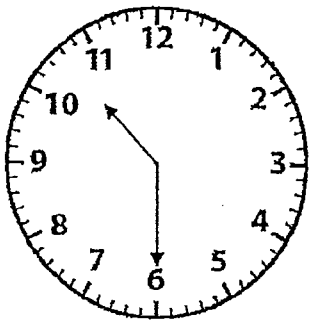
14. Bala bought a notebook and a bottle of orange juice. He gave the cashier $50. How much change did he get?

$5.30

$4.75

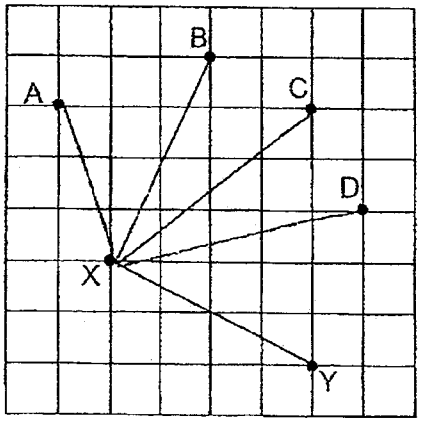
(1) $10.05
(2) $39.95
(3) $44.70
(4) $45.25

15. The clock shown below is slower by 5 minutes. What is the correct time?



(1) 10 25
(2) 10 30
(3) 10 35
(4) 10 55

16. Which of the following points when joined to point X will make an angle greater than a right angle?



(1) A
(2) B
(3) C
(4) D

SECTION B (32 marks)

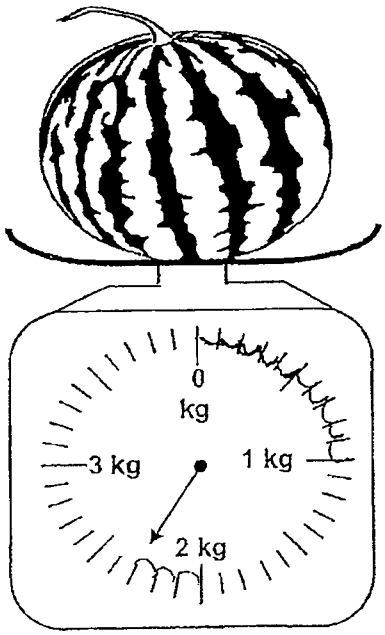
Questions 17 to 20 carry 1 marks each and questions 21 to 34 carry 2 marks each. The number of marks available is shown in brackets [ ] at the end each question. Show your working clearly and write your answers in the spaces provided.

---

17. $894 \div 2 =$ _____

Answer: _____

18. What is the mass of the watermelon in grams?



Answer: _____ g

19. What is the quotient when 58 is divided by 3?

Answer: _____

20. Express $\frac{10}{15}$ in its simplest form.

Answer: _____

21. Arrange the following fractions from the smallest to the greatest.

$\frac{4}{7}$, $\frac{2}{5}$, $\frac{1}{2}$

Answer: _____ (smallest) , _____ , _____ (greatest)

22. Complete the number pattern.

8930, 6930, 4930, [ ], 930

23. Joyce spent $3210 on a sofa set. She also bought a piano for $5630. How much did she spend altogether?

Answer: $ _____

24. Find the difference between 1072 and 6498.

Answer: _____

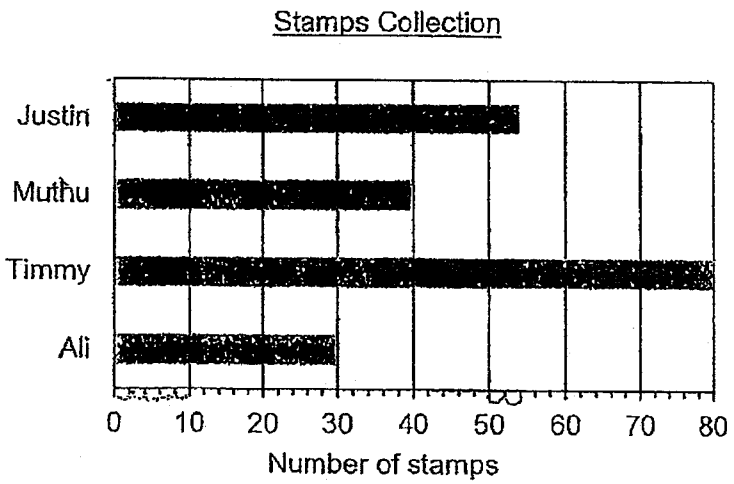
25. Parcel A has a mass of 2240 g. Parcel B has a mass of 1960 g.
What is the total mass of Parcels A and B?
Give your answer in kilograms and grams.

Answer: _____ kg _____ g

26. 315 cm of ribbon is cut into 9 equal pieces. What is the length of each piece of ribbon?

Answer: _____ cm

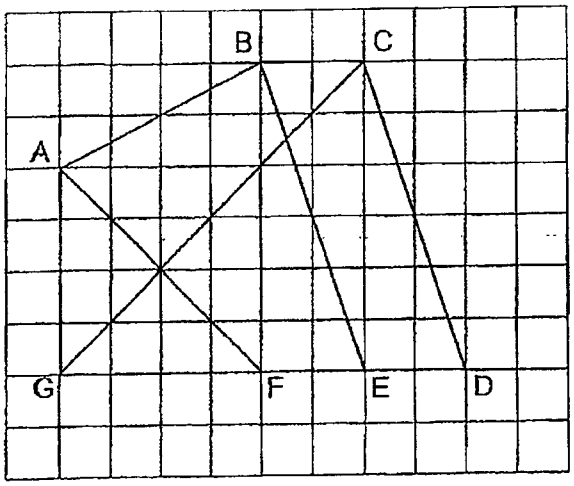
27. The graph shows the number of stamps collected by four boys.



How many more stamps did Justin collect than Muthu?

Answer: _____

28. (a) Name the line perpendicular to AF.
(b) Name the line parallel to CD.



Answer: a) AF $\perp$ _____

b) CD // _____

29. There were 498 children at a concert. There were 24 more children than adults. How many adults and children were there at the concert?

Answer: _____

30. A fruit seller packed 107 apples into bags. He packed 7 apples into each bag. How many apples were left unpacked?

Answer: _____

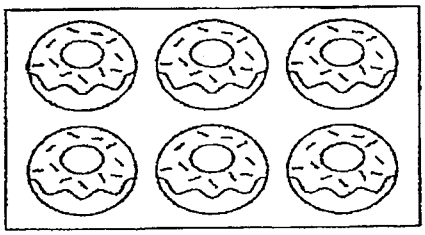
31. The capacity of a bottle is 330 ml. What is the total capacity of six bottles? Give your answer in litres and millilitres.

Answer: _____ ℓ _____ ml

32. An aeroplane left Hong Kong at 23 45 and reached Singapore at 04 10 the following day. How long was the flight?

Answer: _____

33. Doughnuts are sold in boxes of 6. Mrs Tan needs to buy 62 donuts for a party. What is the least number of boxes of doughnuts Mrs Tan needs to buy?



Answer: _____

34. Martha cut a square piece of paper into two parts and formed a new shape as shown in Figure A. What is the perimeter of Figure A?

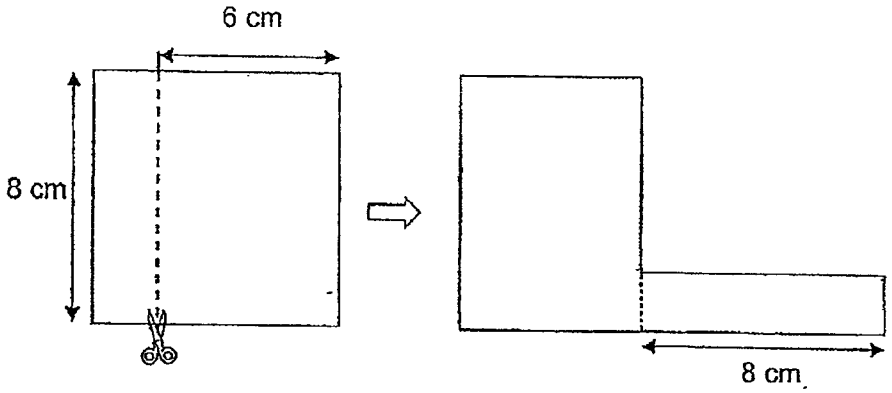


Figure A

Answer: _____ cm

SECTION C (20 marks)

For questions 35 to 40, show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

---

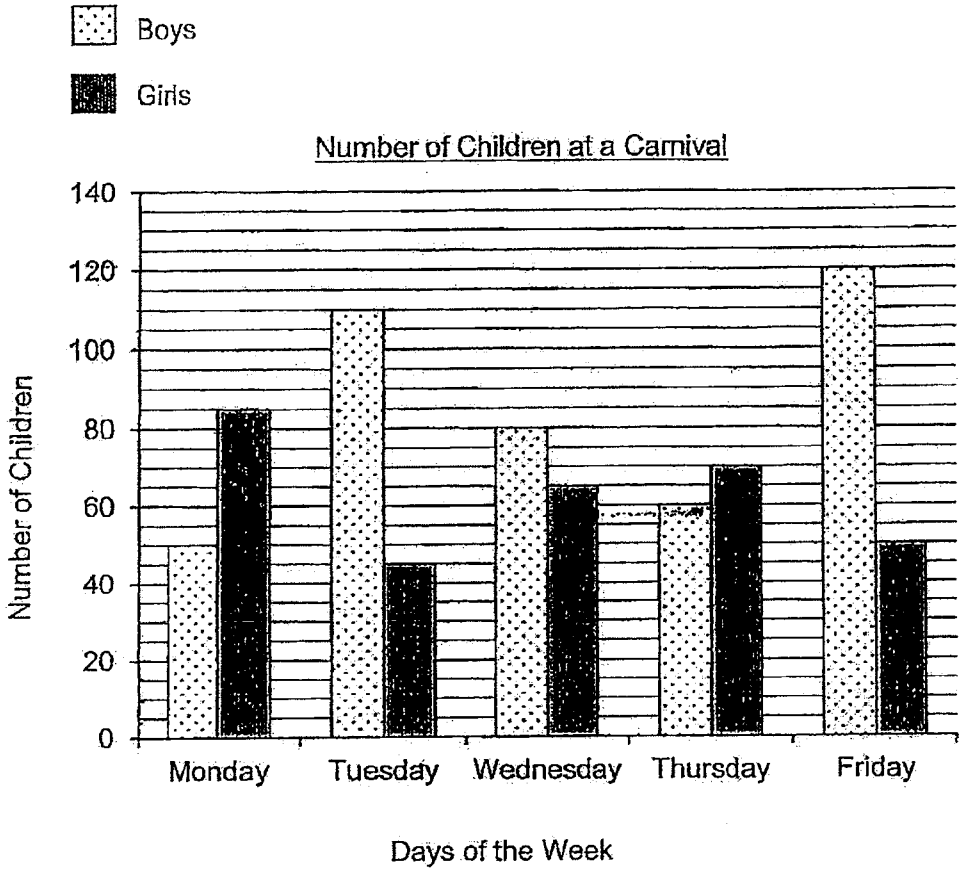
35. Emily saved $9 a week for 16 weeks. She spent $48 on a toy, how much money had she left?

Answer: _____ [3]

36. In a carpark, there are 852 motorcycles.
There are 87 more motorcycles than vans.
There are twice as many cars as vans.
How many cars are there in the carpark?

Answer: _____ [3]

37. The graph shows the number of children at a carnival.



(a) On how many days were there more girls than boys at the carnival?

(b) What is the total number of children at the carnival on Tuesday and Friday?

Answer: a) _____ [1]

b) _____ [2]

38. Yummy Bakery is having a sale.

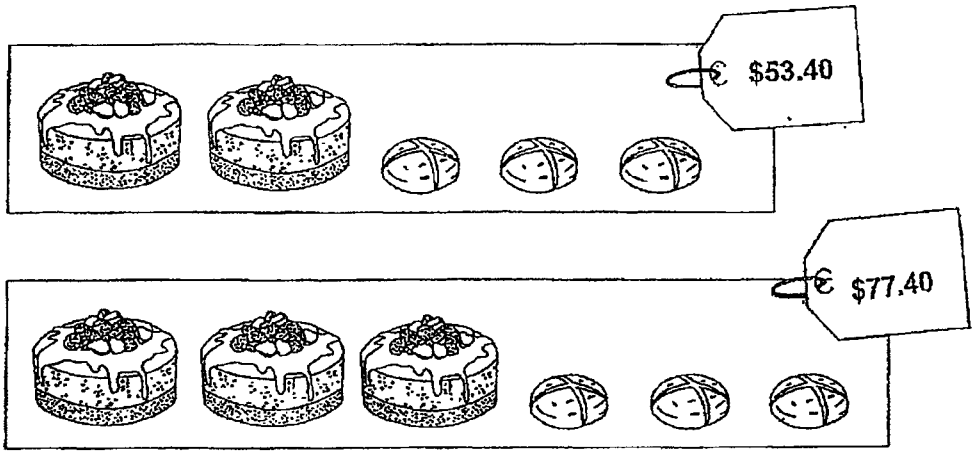
a) How many muffins must Tom buy to get 5 free muffins?

b) What is the most number of muffins that can be bought with $35?

Answer: a) _____ [1]

b) _____ [3]

39. Jenny bought 2 cakes and 3 buns for $53.40.
Karen bought 3 cakes and 3 buns for $77.40.



a) Find the cost of 1 cake.

b) Find the cost of 3 buns.

Answer: a) _____ [1]

b) _____ [2]

40. Adi and Cheryl each had a piece of wire 32 cm long.

Fig 1

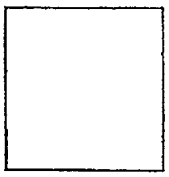


Fig 2

a) Adi used his wire to form a rectangle as shown in Fig 1.
Find the length of the rectangle.

b) Cheryl used her wire to form a square as shown in Fig 2.
Find the area of the square.

Answer: a) _____ [2]

b) _____ [2]

-End of Paper-
Please check your work carefully ☺

YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

Q1	3	Q2	3	Q3	4	Q4	2	Q5	3
Q6	4	Q7	1	Q8	4	Q9	1	Q10	3
Q11	3	Q12	1	Q13	3	Q14	2	Q15	3
Q16	1								

Q17	447	Q18	2300
Q19	19	Q20	$\frac{2}{3}$
Q21	$\frac{2}{5}, \frac{1}{2}, \frac{4}{7}$	Q22	2930
Q23	$3210 + $5630 = $8840	Q24	6498 – 1072 = 5426
Q25	2240 + 1960 = 4200 4kg 200g	Q26	315 ÷ 9 = 35cm
Q27	54 – 40 = 14	Q28	a) AF ⊥ GC b) CD // BE
Q29	498 – 24 = 474 498 + 474 = 972	Q30	107 ÷ 7 = 15 R2 Ans: 2
Q31	330 x 6 = 1980 1L 980ml	Q32	4h 25min
Q33	62 ÷ 6 = 10 R2 10 + 1 = 11	Q34	6 + 8 = 14 8 – 6 = 2 6 + 6 + 8 + 8 = 28 28 + 14 + 2 = 44cm
Q35	9 x 16 = 144 144 – 48 = $96	Q36	852 – 87 = 765 765 x 2 = 1530
Q37	110 + 45 = 155 120 + 50 = 170 155 + 170 = 325 a) 2 b) 325	Q38	a) 2 x 5 = 10 b) 3 x 2 = 6 35 ÷ 6 = 5 R5 35 ÷ 3 = 11 R2 11 + 5 = 16
Q39	a) $77.40 - $53.40 = $24.00 b) $24 x 2 = $48 $53.40 - $48 = $5.40	Q40	a) 32 – 12 = 20 20 ÷ 2 = 10cm b) 32 ÷ 4 = 8 8 x 8 = 64cm^2

END