RAFFLES GIRLS' PRIMARY SCHOOL
END OF YEAR EXAMINATION
PRIMARY 5
2025

MATHEMATICS
PAPER 1
(BOOKLET A)

Name: _____ Date: 27 October 2025

Class: P5 _____

Total Time for Booklets A and B: 1 hour 10 minutes

INSTRUCTIONS TO CANDIDATES

1. Write your index number in the box at the top right-hand corner.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Use a 2B pencil to shade your answers on the Optical Answer Sheet (OAS).
6. The use of calculators is **NOT** allowed.

Paper 1	50
Paper 2	50
Total score **out of 100**	
Parent's signature	

Questions **1** to **10** carry 1 mark each. Questions **11** to **18** 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 on the Optical Answer Sheet.

(26 marks)

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1. 40 000 + 6000 + 300 + 5 = _____

(1) 46 350

(2) 46 305

(3) 46 035

(4) 40 635

2. Which of the following is sixty thousand and twelve in numerals?

(1) 6012

(2) 60 012

(3) 60 120

(4) 600 012

3. Find the value of $\frac{2}{3} \times 12$

(1) 8

(2) 2

(3) $\frac{1}{18}$

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

4. Which of the following is the same as 20 ℓ 90 ml?

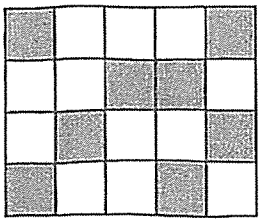
(1) 2090 ml

(2) 2900 ml

(3) 20 090 ml

(4) 20 900 ml

5. The figure is divided into 20 equal parts. What percentage of the figure is shaded?



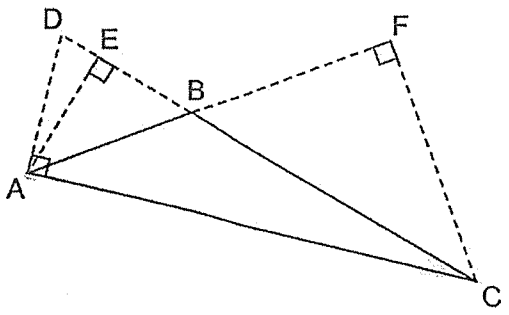
(1) 8%

(2) 12%

(3) 20%

(4) 40%

6. Given that AE is the height of triangle ABC, find its base.



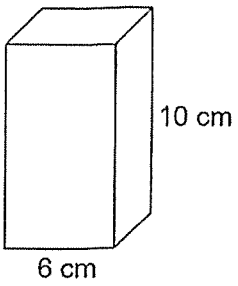
(1) EC

(2) BC

(3) AC

(4) AB

7. A solid cuboid of height 10 cm has a square base of side 6 cm. What is its volume?



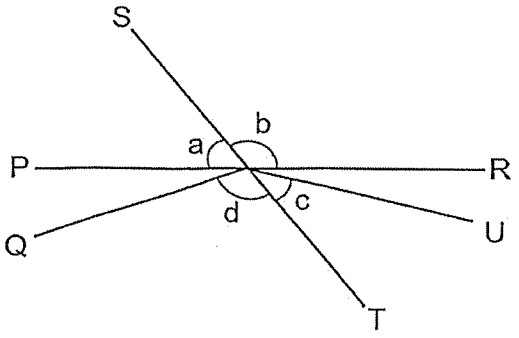
(1) 36 cm^3

(2) 60 cm^3

(3) 360 cm^3

(4) 600 cm^3

8. In the figure, ST and PR are straight lines.



Which of the following is true?

(1) $\angle a = \angle c$

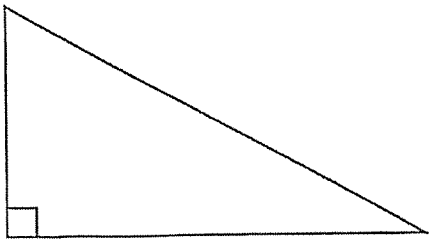
(2) $\angle b = \angle d$

(3) $\angle a + \angle b = 180°$

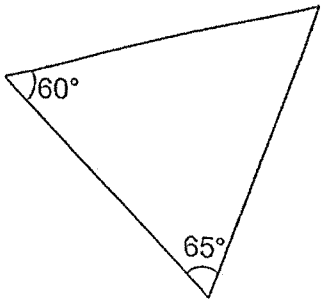
(4) $\angle b + \angle c = 180°$

9. Which of the following is an isosceles triangle?

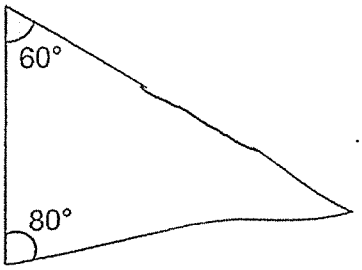
(1)



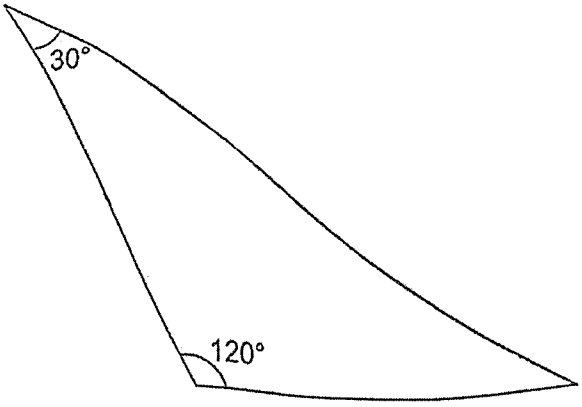
(2)



(3)



(4)



10. The table shows the number of boys and girls in 4 classes.

Class	Number of Boys	Number of Girls
A	23	25
B	18	23
C	20	22
D	21	20

Which class has more boys than girls?

(1) A

(2) B

(3) C

(4) D

11. What is the value of $40 + (20 - 8) \div 2 \times 3$?

(1) 42

(2) 48

(3) 58

(4) 78

12. John is 16 years old and his sister is 4 years older. In how many years will their total age be 70 years?

(1) 17

(2) 34

(3) 36

(4) 50

13. Dinesh ran 3.55 km. He ran 40 m more than Siti. What was the distance that Siti ran?

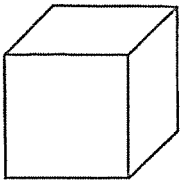
(1) 3.15 km

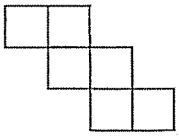
(2) 3.95 km

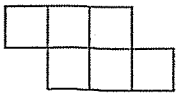
(3) 3 km 510 m

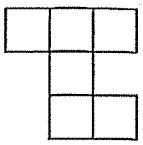
(4) 3 km 590 m

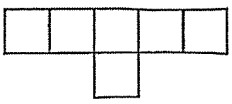
14. Which of the following is a net of the cube shown?



(1) 

(2) 

(3) 

(4) 

15. The usual price of a blouse is $80. Fatimah bought the blouse at a 20% discount. How much did she pay for the blouse?

(1) $16

(2) $60

(3) $64

(4) $96

16. Suzy folds 4 paper hearts in 3 minutes. At this rate, how long will she take to fold 24 paper hearts?

(1) 6 min

(2) 8 min

(3) 18 min

(4) 32 min

17. Chandra spent $\frac{1}{3}$ of his money on 8 files and 6 notebooks at a book shop at first. Each file cost twice as much as a notebook. He then bought more notebooks with $\frac{1}{4}$ of his remaining money. How many notebooks did Chandra buy altogether at the bookshop?

(1) 8

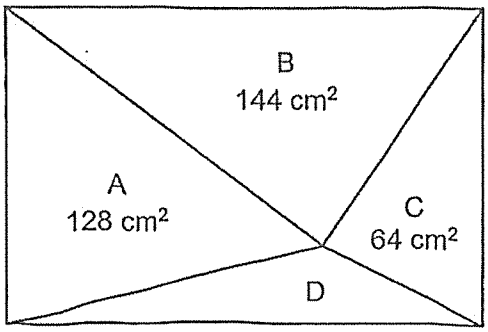
(2) 11

(3) 14

(4) 17

18. The figure shows a rectangle that is cut into 4 triangles A, B, C and D.

Find the area of triangle D.



(1) 16 cm²

(2) 48 cm²

(3) 64 cm²

(4) 80 cm²

(Go on to Booklet B)

RAFFLES GIRLS' PRIMARY SCHOOL
END OF YEAR EXAMINATION
PRIMARY 5
2025

MATHEMATICS
PAPER 1
(BOOKLET B)

Name: _____ Date: 27 October 2025

Class: P5 _____

Total Time for Booklets A and B: 1 hour 10 minutes

INSTRUCTIONS TO CANDIDATES

1. Write your index number in the box at the top right-hand corner.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Use a dark blue or black ballpoint pen to write your answers in the space provided for each question.
6. The use of calculator is **NOT** allowed.
7. Do not use correction fluid/tape.
8. Do not use highlighters on any part of your answers.

Questions **19** to **30** carry 2 marks each. Show your working clearly and write your answers in the space provided. For questions which require units, give your answers in the units stated. (24 marks)

19. **(a)** Find the value of $130 \div 5$

Ans: (a) _____

(b) Find the value of 780×60

Ans: (b) _____

20. **(a)** Express $2\frac{5}{6}$ as an improper fraction.

Ans: (a) _____

(b) Find the value of $\frac{3}{4} \times \frac{6}{7}$

Ans: (b) _____

4

21. A printer prints 160 pages in 4 minutes. At this rate, how many pages does the printer print in 15 minutes?

Ans: _____

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22. The table shows the temperature of cities P, Q, R and S.

City	Lowest Temperature (°C)	Highest Temperature (°C)
P	15	23
Q	23	29
R	10	18
S	6	16

(a) When Amy was at some of these cities, the temperature was 13°C. Name the cities that Amy visited.

Ans: (a) _____

(b) Name the city with the smallest difference in temperatures. Find this difference.

Ans: (b) City: _____

Temperature: _____°C

4

23. Mrs Ravi bought 10 packets of sweets for her pupils. Each packet contained 28 sweets. She gave each pupil 8 sweets. How many pupils were there in the class?

Ans: _____

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24. The mass of a container is 475 g when it is $\frac{1}{2}$ filled with rice grains. When it is $\frac{3}{4}$ filled with rice grains, its mass is 520 g. Find the mass of the container when it is empty.

Ans: _____ g

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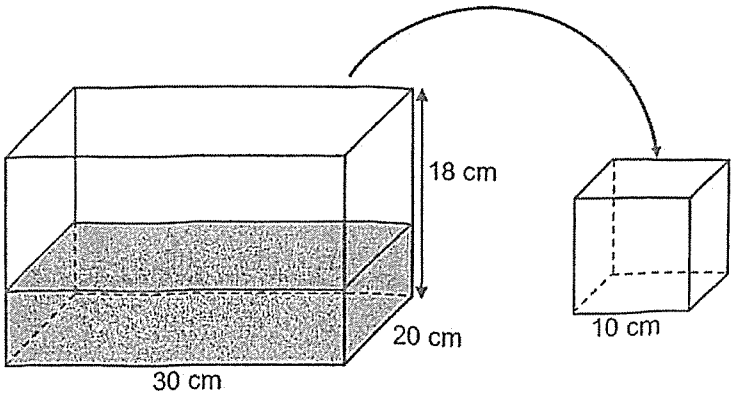
25. Desmond's salary was $5800. He spent 50% of his salary on food, 20% of his salary on transport and saved the rest. How much did he save?

Ans: $_____

6

26. A rectangular tank was $\frac{1}{3}$ filled with water at first. Some of the water from the rectangular tank was poured into an empty cubical tank of sides 10 cm till it was completely full. How much water was left in the rectangular tank?



Ans: _____ cm^3

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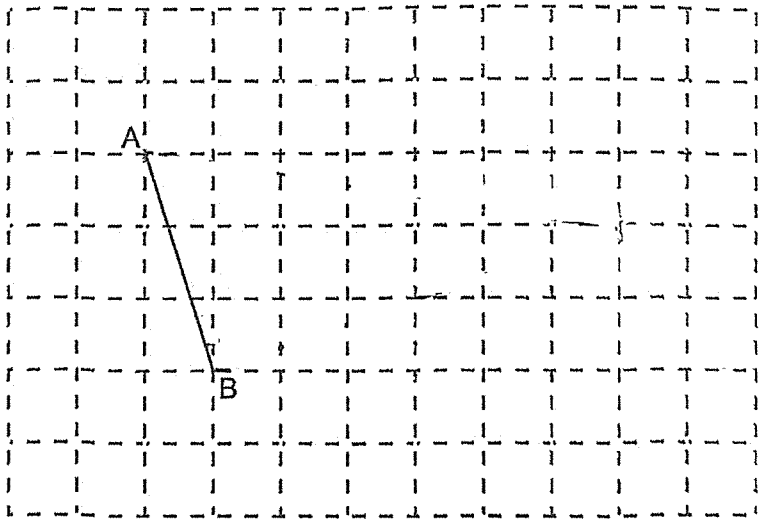
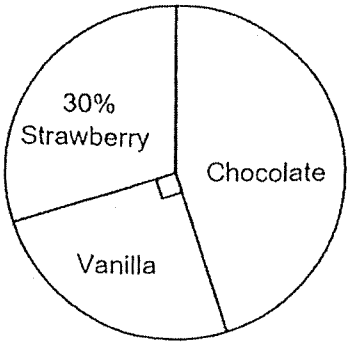
27. Complete the figure such that ABC is a right-angled triangle and BC is twice the length of AB. Label the triangle.



4

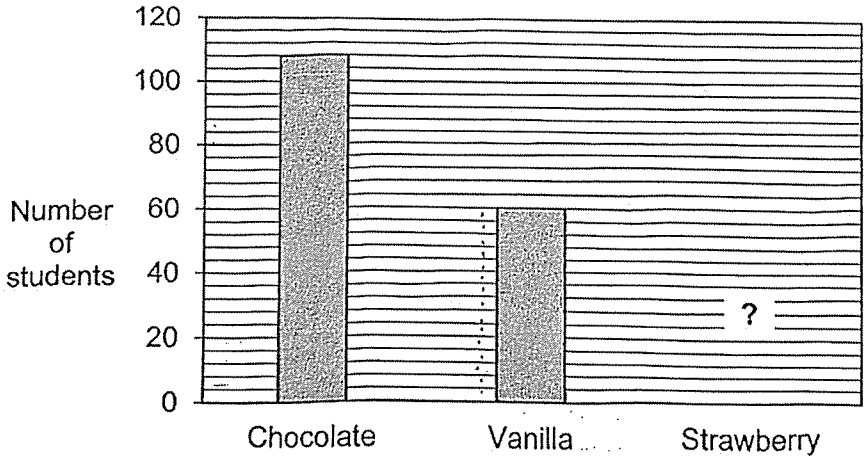
28. The pie chart shows the ice cream flavours chosen by a group of students.



(a) What percentage of the students chose Chocolate?

Ans: (a) _____%

(b) The students' choices were also represented by a bar graph. The bar for the number of students who chose Strawberry is not shown.

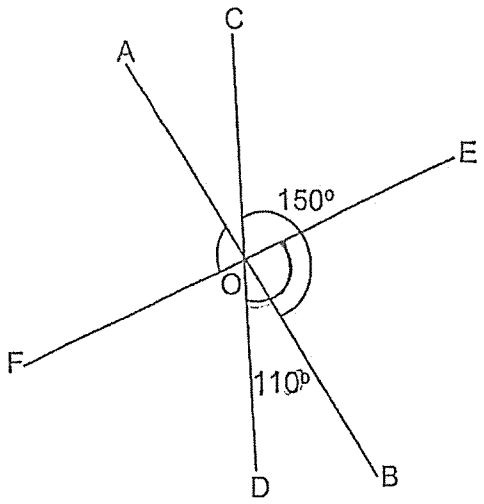


How many students chose Strawberry?

Ans: (b) _____

2

29. AB, CD and EF are straight lines. ∠COB = 150° and ∠DOE = 110°.



Find ∠AOF.

Ans: _____°

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30. There are 8 people in a room. Each person must shake hands with everyone in the room once. How many handshakes will there be in total?

Ans: _____

End of Paper

4

RAFFLES GIRLS' PRIMARY SCHOOL
END OF YEAR EXAMINATION
PRIMARY 5
2025

MATHEMATICS
PAPER 2

Name: _____ Date: 27 October 2025

Class: P5 _____ Time: 1 hour 20 minutes

INSTRUCTIONS TO CANDIDATES

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

Score	/ 50

Questions 1 to 5 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)

1. Sarah paid $48 for 5 books and 2 pens. Tanya paid $36 for 2 books and 5 pens. Find the cost of 1 book and 1 pen.

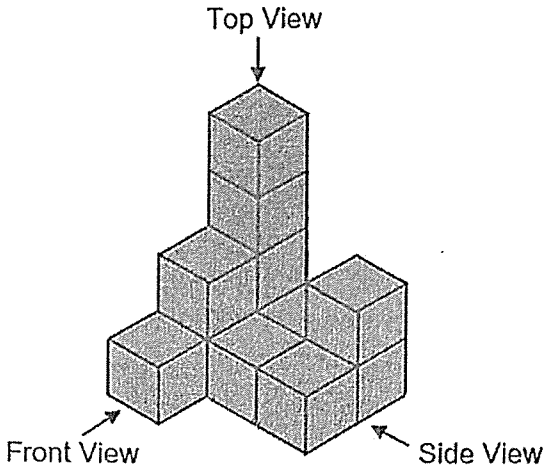
Ans: $_____

2. Hafiz cycled from his home to East Coast Park which was 12 km away. He cycled $\frac{3}{8}$ of the journey before stopping to rest. He then continued to cycle $5\frac{7}{8}$ km before stopping to have breakfast. How many more kilometres must he cycle to reach East Coast Park?

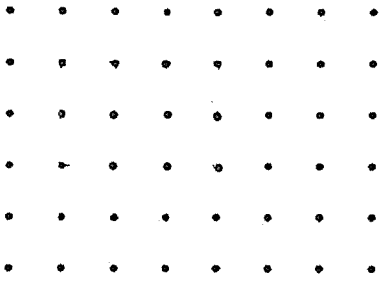
Ans: _____km

4

3. Freya builds a solid using 12 unit cubes.



(a) Draw the top view of the solid on the grid.



(b) Find the least number of unit cubes Freya must add to the solid to make it into a cuboid.

Ans: _____

2

4. Mr Ahmad bought a laptop. The laptop cost $2400 before GST. How much did Mr Ahmad pay for the laptop after 9% GST?

Ans: $_____

---

5. Box A contained 27 more marbles than Box B. 35 marbles were moved from Box A to Box B. How many more marbles were there in Box B than in Box A in the end?

Ans: _____

4

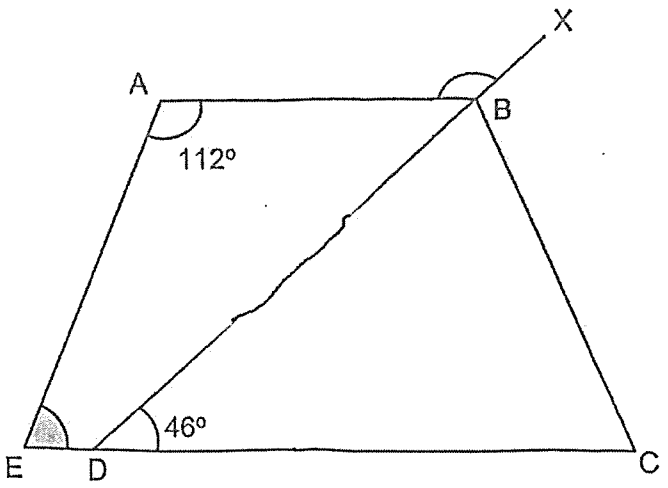
For questions 6 to 15, show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. (40 marks)

6. Nadia had 390 keychains for sale at a fun fair. She sold $\frac{1}{6}$ of the keychains on Friday and $\frac{3}{10}$ of the keychains on Saturday. All the rest of the keychains were sold on Sunday. How many keychains did she sell on Sunday?

Ans: _____ [3]

3

7. ABCE is a trapezium. AB // EC. DX is a straight line.



(a) Find ∠AEC.

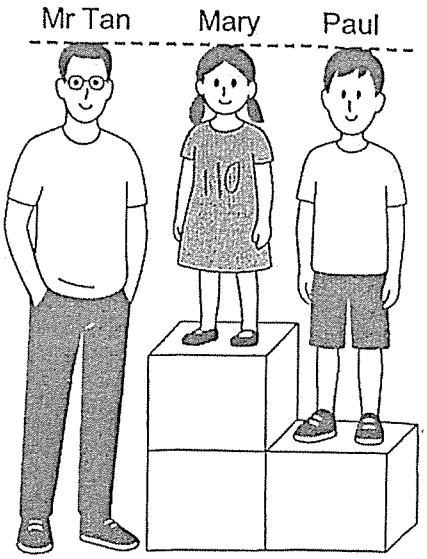
Ans: (a) _____° [1]

(b) Find ∠ABX.

Ans: (b) _____° [2]

3

8. Mr Tan's height is 168 cm and Mary's height is 1.1 m. When Mary and Paul stand on the rectangular blocks shown, they are as tall as Mr Tan. The heights of the three rectangular blocks are the same.



(a) What is the height of each rectangular block?

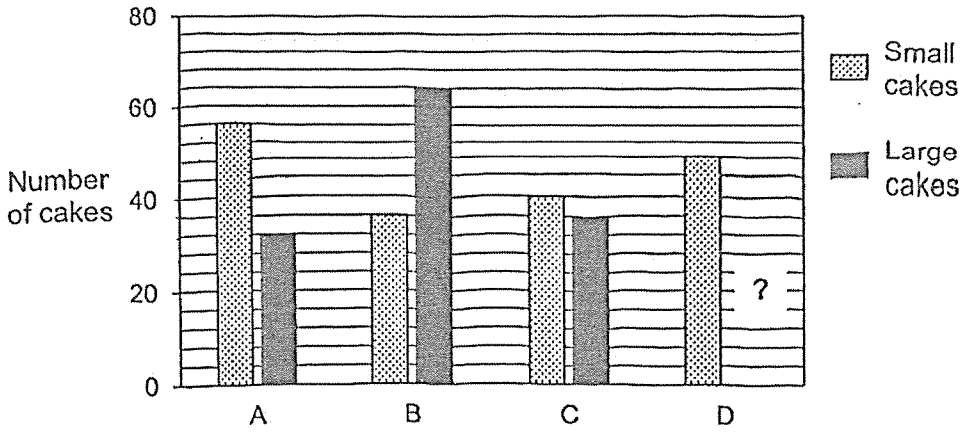
Ans: (a) _____cm [2]

(b) What is Paul's height? Give your answer in metres.

Ans: (b) _____m [2]

4

9. Four classes sold cakes to raise funds for charity. The graph shows the number of small and large cakes sold by each class. The bar for the number of large cakes sold by Class D is not shown.



(a) Which class sold the least number of small cakes?

Ans: (a) Class: _____ [1]

(b) What was the difference in the total number of cakes sold by Class A and Class B?

Ans: (b) _____ [1]

(c) $\frac{1}{4}$ of the total number of large cakes were sold by Class D. How many large cakes did Class D sell?

Ans: (c) _____ [2]

4

10. Amy was given $4 pocket money every day of the week. She spent $3.60 per day from Monday to Friday and saved the rest. She saved all her pocket money on Saturday and Sunday.

(a) How much money did Amy save in a week?

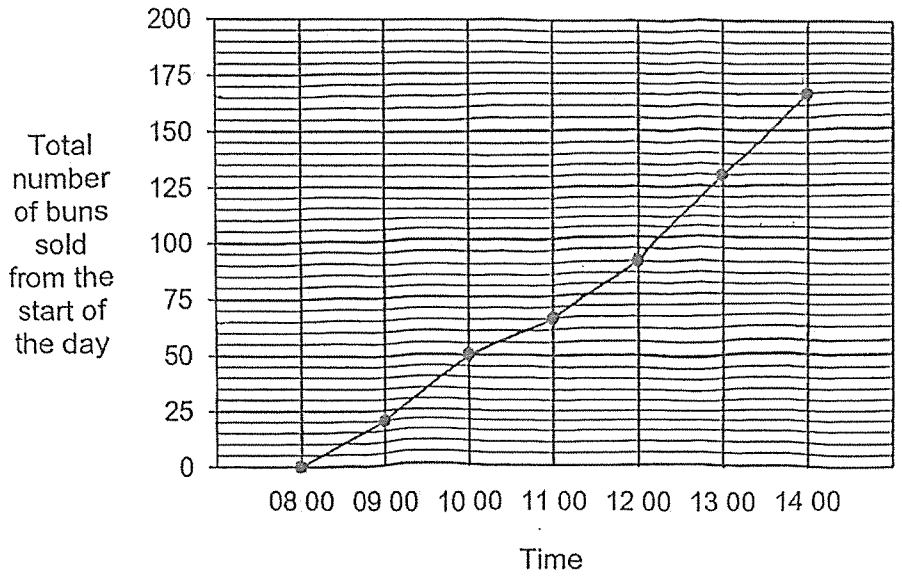
Ans: (a) $_____ [1]

(b) Starting on a Monday, how many days would Amy take to save $62?

Ans: (b) _____ [3]

4

11. Yummy Bakery had 200 buns for sale each day. The graph shows the total number of buns sold in the bakery on a certain day from 08 00 to 14 00.



(a) What was the total number of buns sold at 11 00?

Ans: (a) _____ [1]

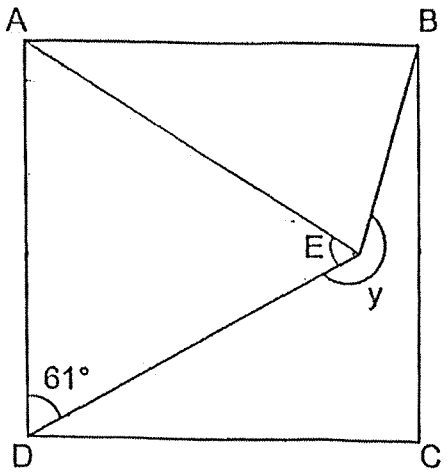
(b) During which one-hour interval was the greatest number of buns sold?

Ans: (b) Between _____ to _____ [1]

(c) What was the percentage of buns left unsold at 14 00?

Ans: (c) _____ % [2]

12. ABCD is a square, AD = AE and ∠ADE = 61°.



(a) Find ∠DAE.

Ans: (a) _____° [1]

(b) Find ∠y.

Ans: (b) _____° [3]

4

13. Anita wanted to create a design to be used on a banner. She drew 3 identical rectangles and joined them together without overlapping. She then drew 2 triangles and shaded them as shown in Figure 1.

(a) Find the area of the shaded figure.

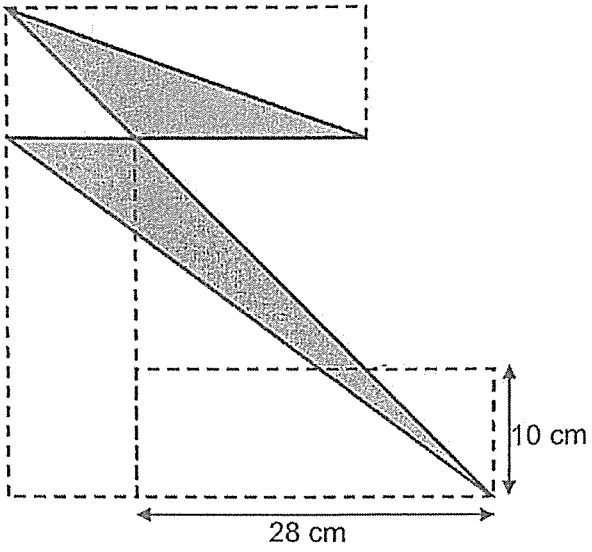


Figure 1

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

2

(b) Anita used 10 of such shaded figures to form a repeated pattern and printed them on the banner. The arrangements of the first 3 and the last 3 shaded figures on the banner are shown in Figure 2.
Find the length of the banner.

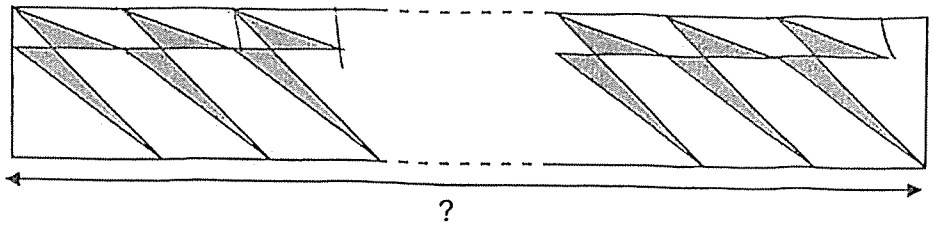


Figure 2

Ans: (b) _____cm [2]

2

14. Marion had a box of beads. $\frac{3}{5}$ of the beads were red beads and the rest were green beads. She used $\frac{5}{9}$ of the red beads and $\frac{1}{3}$ of the green beads to make a necklace. There were 136 beads left in the box.

(a) What fraction of the beads in the box were used to make the necklace?

Ans: (a) _____ [2]

(b) How many beads were there in the box at first?

Ans: (b) _____ [3]

5

15. Beth used some squares to form figures that follow a pattern as shown.

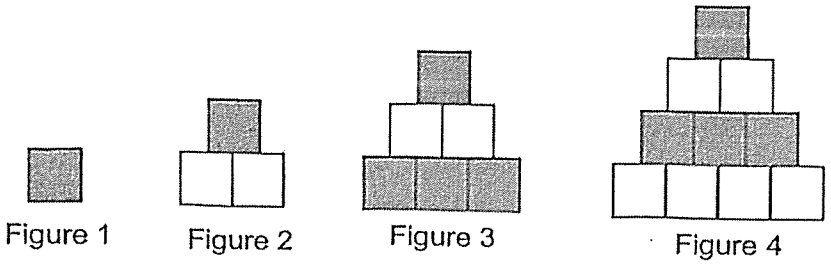


Figure 1 Figure 2 Figure 3 Figure 4

(a) Complete the table for Figure 5.

Figure Number	1	2	3	4	5
Number of shaded squares	1	1	4	4	(i) _____
Number of unshaded squares	0	2	2	6	(ii) _____
Total number of squares	1	3	6	10	(iii) _____

[1]

(b) How many shaded squares are there in Figure 15?

Ans: (b) _____ [2]

(c) What is the total number of squares in Figure 50?

Ans: (c) _____ [2]

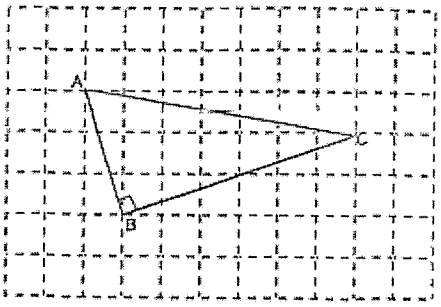
End of Paper

5

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2025 END OF YEAR EXAMINATION

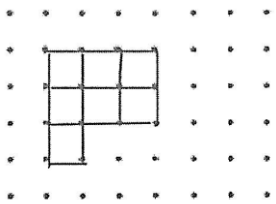
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	1	3	4	2	3	3	4	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18		
3	1	3	1	3	3	4	2		

19)	a) 26 b) 46800
20)	a) $\frac{17}{6}$ b) $\frac{9}{14}$
21)	$160 \div 4 = 40$ $40 \times 15 = 600$
22)	a) R and S b) City: Q Temperature: 6
23)	$10 \times 28 \div 8 = 35$
24)	$520 - 475 = 45$ $475 - (45 \times 2) = 385\ \text{g}$
25)	$5800 \times 30 \div 100 = \$1740$

26)	30 x 20 x 18 = 10800 10800 ÷ 3 = 360-0 (in the tank) 10 x 10 x 10 = 1000 3600 – 1000 = 2600 cm3
27)	
28)	a)25 + 30 = 55 100 – 55 = 45% b)72
29)	110 + 150 = 260 260 – 180 = 80°
30)	1+2+3+4+5+6+7 = 28

PAPER 2

1)	5 + 2 = 7 (book) 2 + 5 = 7 (pen) 7p + 7p →48 + 36 = 84 1b + 1p = 84 ÷ 7 = $12
2)	$1 - \frac{3}{5} = \frac{5}{8}$ $12 \times \frac{5}{8} = 7\frac{1}{2}$

	$7\frac{1}{2} - 5\frac{7}{8} = 1\frac{5}{8}$ $1\frac{5}{8} = 1.625$ km
3)	a)  b) $4 + 4 + 3 + 3 + 3 + 3 + 2 + 2 = 24$
4)	$2400 \times 9\% = 216$ $2400 + 216 = \$2616$
5)	$35 - 27 = 8$ $2 \times 8 + 27 = 43$
6)	$5 + 9 = 14$ $30 - 14 = 16$ $390 \div 30 = 13$(1u) $13 \times 16 = 208$
7)	a) $180 - 112 = 68°$ b) $\angle ABD = \angle BDC = 46$ $180 - 46 = 134°$
8)	a) $168 - 110 = 58$ $58 \div 2 = 29$ cm b) $168 - 29 = 139$ 139 cm $= 1.39$ m
9)	a) Class B b) $(36 + 64) - (56 + 32) = 12$ c) $32 + 64 + 36 = 132$ $132 \div 3 = 44$
10)	a) $4 - 3.60 = 0.4$(save Mon–Fri) $0.4 \times 5 = 2$ $2 + 4 + 4 = \$10$ b) $6 \times 10 = 60$ $62 - 60 = 2$(dollar) $6 \times 7 = 42$ $42 + 5 = 49$
11)	a) 65 b) 1200 to 1300

	c)200 – 165 = 35 $\frac{35}{200}$ x 100 = 17.5%
12)	a)180 – (61x2) = 58° b)90 – 58 = 32 (180 – 32) ÷ 2 = 74 360 – 74 – 61 = 225°
13)	a)28 – 10 = 18 ½ x 18 x 10 = 90 ½ x 28 x 10 = 140 140 + 90 = 230 cm2 b)28 x 10 = 280 280 + 10 = 290 cm
14)	a) $\frac{7}{15}$ b)5 + 2 = 7 15 – 7 = 8 136 ÷ 8 = 17 17 x 15 = 255
15)	a)i)9 ii)6 iii)15 b)15+13+11+9+7+5+3+1 = 64 c)50 + 1 = 51 51 x 25 = 1275