RULANG PRIMARY SCHOOL

Nurturing Competencies, Inspiring Excellence, Empowering Individuals
Scholars of Tomorrow

Established since 1930

Name : _____ ( )

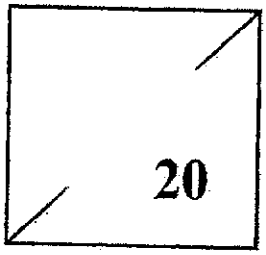
Level : Primary Three

Class : Primary 3

Date : 23 October 2024

END OF YEAR EXAMINATION
2024
MATHEMATICS

PAPER 1



TOTAL TIME FOR PAPER 1: 40 minutes
20 questions
20 marks

- **DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
- **READ ALL THE INSTRUCTIONS CAREFULLY.**
- **ANSWER ALL THE QUESTIONS.**

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

1. Arrange the numbers in decreasing order.
Which of the following is correct?

(1) 7968, 7896, 7986, 7689

(2) 7896, 7968, 7689, 7986

(3) 7986, 7968, 7896, 7689

(4) 7689, 7896, 7968, 7986

2. $6 \times$? $= 36$
What is the missing number in the box above?

(1) 5

(2) 6

(3) 3

(4) 4

3. 5 groups of 9 = ?
What is the missing number in the box above?

(1) 14

(2) 45

(3) 54

(4) 4

4. $322 \div 7 =$?
What is the missing number in the box above?

(1) 44

(2) 45

(3) 46

(4) 47

5. 906 is the product of 6 and ? .
What is the missing number in the box above?

(1) 146

(2) 151

(3) 912

(4) 5436

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6. $\frac{3}{5} - \frac{3}{10} =$?

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

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

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

(4) $\frac{6}{10}$

7. What is the sum of $\frac{2}{3}$ and $\frac{1}{6}$?

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

(2) $\frac{5}{6}$

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

(4) $\frac{3}{6}$

8. Write the time 14 30 in 12-hour clock.

(1) 2:30 am

(2) 2:30 pm

(3) 4:30 am

(4) 4:30 pm

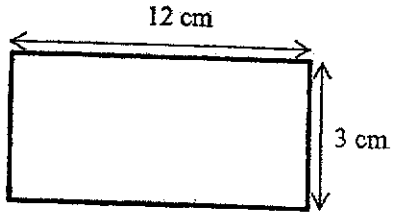
9. Find the area of the rectangle below.

(1) 15 cm^2

(2) 30 cm^2

(3) 36 cm^2

(4) 144 cm^2



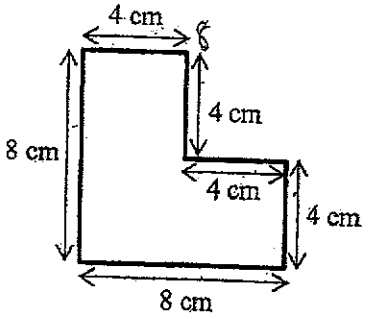
10. Find the perimeter of the figure below.

(1) 24 cm

(2) 32 cm

(3) 48 cm

(4) 64 cm



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Questions **11** to **20** carry 1 mark each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(10 marks)**

11. Write 8312 in words.

Ans: _____

12. Multiply 8 by 9.
What is the answer?

Ans: _____

13. Divide 270 by 6.
What is the answer?

Ans: _____

14. Find the quotient when 317 is divided by 2.

Ans: _____

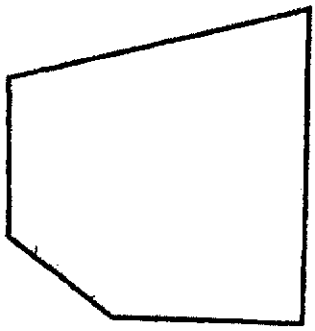
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15. Arrange the fractions in order. Begin with the smallest fraction.

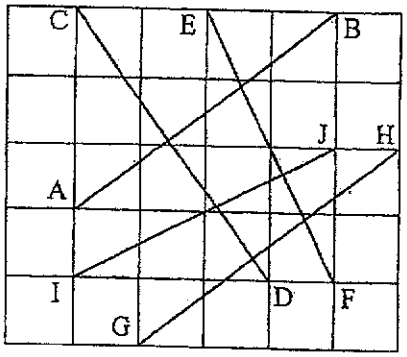
$\frac{2}{5}, \frac{2}{3}, \frac{5}{9}$

Ans: _____ (smallest), _____, _____

16. Mark all the obtuse angles inside the figure below.



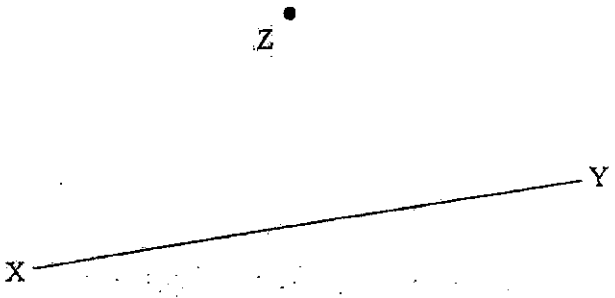
17. Which line is parallel to AB in the square grid below?



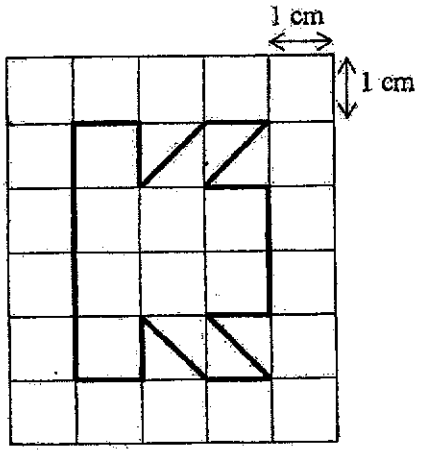
Ans: _____

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18. Draw a line which is perpendicular to Line XY and passes through point Z.

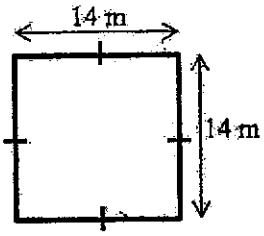


19. Find the area of the figure below.



Ans: _____ cm^2

20. What is the perimeter of the square below?



Ans: _____ m

End of Paper 1

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Established since 1930

Name : _____ ( )

Level : Primary Three

Class : Primary 3

Date : 23 October 2024

Total Marks
Papers 1 & 2

50

END OF YEAR EXAMINATION
2024
MATHEMATICS

PAPER 2

30

TOTAL TIME FOR PAPER 2: 50 minutes
10 questions
30 marks

- **DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
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- **ANSWER ALL THE QUESTIONS.**

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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. Avril is thinking of a 4-digit number. The digit 4 is in the hundreds place. The value of the digit 1 is 10. The digit 2 stands for 2000. The digit in the ones place is 9. What is the number?

Ans: _____

2. Amy ate $\frac{1}{5}$ of a cake. Nora ate $\frac{1}{10}$ of the same cake. Who ate more cake, Amy or Nora?

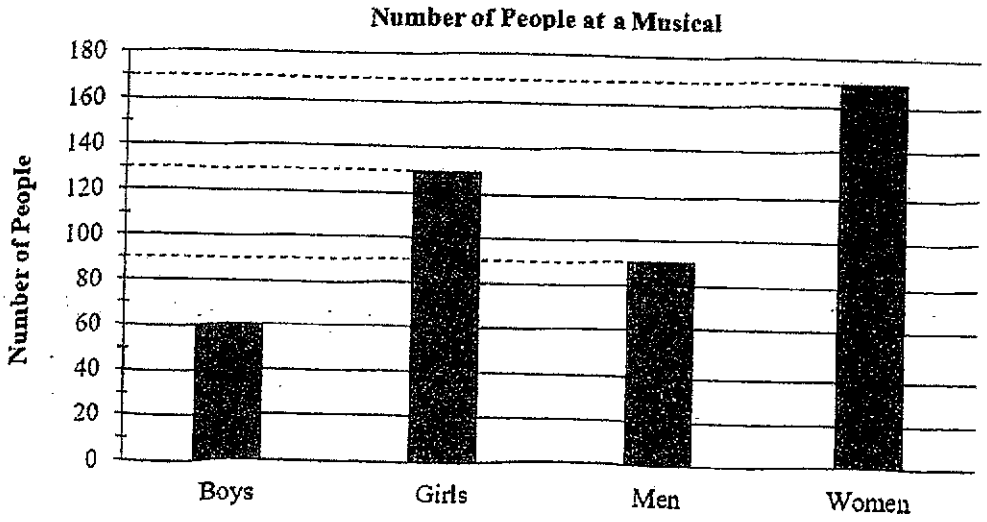
Ans: _____

3. Ali jogged from 8:30 am to 9:20 am. He then walked until 9:45 am before jogging again until 10:00 am. How much time did he spend on jogging?

Ans: _____ min

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4. The bar graph below shows the number of people at a musical.



How many more adults than children were at the musical?

Ans: _____

5. Ray received $37.50 from his father. He received another $43.80 from his mother. He used the money to buy a bag and a pencil case. He had $23.30 left.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

	Statements	True	False	Not possible to tell
(a)	Ray received a total of $81.30 from his parents.			
(b)	Ray paid $58 in total for the bag and the pencil case.			
(c)	Ray paid $14.20 less for the pencil case than the bag.			

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Questions **6** to **10** carry 4 marks each. Show your working clearly in the space provided for each question as marks will be awarded for relevant statements and correct answers. The number of marks available is shown in brackets [ ] at the end of each question or part-question. **(20 marks)**

6. Peter had 8 stickers. Kathy had 7 times as many stickers as Peter. Aunt Alice then gave them another 146 stickers.

(a) How many stickers did Kathy have at first?

Ans: (a) _____ [2]

(b) How many stickers did Peter and Kathy have altogether in the end?

Ans: (b) _____ [2]

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7. Mary saved $32.50 last month. Mary's sister saved $9.70 less than the amount she saved.

(a) How much money did her sister save last month?

Ans: (a) _____ [2]

(b) How much money did Mary and her sister save altogether last month?

Ans: (b) _____ [2]

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8. The volume of water in a container was 4 *l*. Qi An poured out 1250 *ml* of water into a bottle.

(a) How much water was left in the container? Give your answer in millilitres.

Ans: (a) _____ [2]

(b) Qi An then poured 2325 *ml* of water into the container, making it completely full of water. What was the capacity of the container? Give your answer in litres and millilitres.

Ans: (b) _____ [2]

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9. Anita is 152 cm tall. Billy is 14 cm shorter than Anita.

(a) How tall is Billy?

Ans: (a) _____ [2]

(b) Caili is 12 cm taller than Billy. How tall is Caili?

Ans: (b) _____ [2]

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10. A bus left Bus Stop A with some passengers in it. When the bus reached Bus Stop B, 10 passengers alighted from it. When the bus reached Bus Stop C, 6 passengers boarded it. There were 30 passengers in the bus when it left Bus Stop C.

(a) How many passengers were in the bus when it left Bus Stop B?

Ans: (a) _____ [2]

(b) How many passengers were in the bus when it left Bus Stop A?

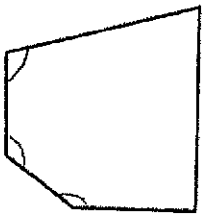
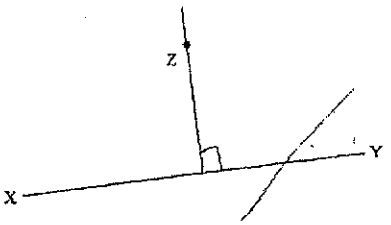
Ans: (b) _____ [2]

End of Paper 2

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SCHOOL : RULANG SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2024 SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	2	3	2	3	2	2	3	2

Q11)	Eight thousand, three hundred and twelve.
Q12)	8 x 9 = 72
Q13)	270 ÷ 6 = 45
Q14)	317 ÷ 2 = 158
Q15)	2/5 , 5/9, 2/3
Q16)	
Q17)	GH
Q18)	
Q19)	10 cm2
Q20)	56m

PAPER 2

Q1)	2419
Q2)	Amy

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Q3) 65 min

Q4)
60 + 130 = 190
90 + 170 = 260
260 – 190 = 70

Q5)

	Statements	True	False	Not possible to tell
(a)	Ray received a total of $81.30 from his parents.	✓		
(b)	Ray paid $58 in total for the bag and the pencil case.	✓		
(c)	Ray paid $14.20 less for the pencil case than the bag.			✓

Q6)
a)8 x 7 = 56
b)56 + 146 = 202
202 + 8 = 210

Q7)
a)32.50 – 9.70 = $22.80
b)32.50 + 22.80 = $55.30

Q8)
a)4000 – 1250 = 2750

b)2750 + 2325 = 5075
5075 ml = 5L 75ml

Q9)
a)152 – 14 = 138 cm
b)138 + 12 = 150 cm

Q10)
a)30 – 6 = 24
b)24 + 10 = 34

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