**Nan Hua Primary School**
**Primary 6 Mathematics**
**Timed Practice 3 – Adapted from RS 2024 Prelim Exam**

**Name:** _____ ( ) **Date:** _____

**Class: Primary 6M__**

Questions 1 to 9 carry 1 mark each. Questions 10 to 14 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). Write (1, 2, 3 or 4) in the brackets provided.

*All diagrams in this paper are not drawn to scale unless stated otherwise.*

(19 marks)

1. Which of the following is four hundred and two thousand and thirty-one?

(1) 42 031
(2) 402 031
(3) 4 020 031
(4) 4 002 031 ( )

2. Which of the following is the same as 9070 m?

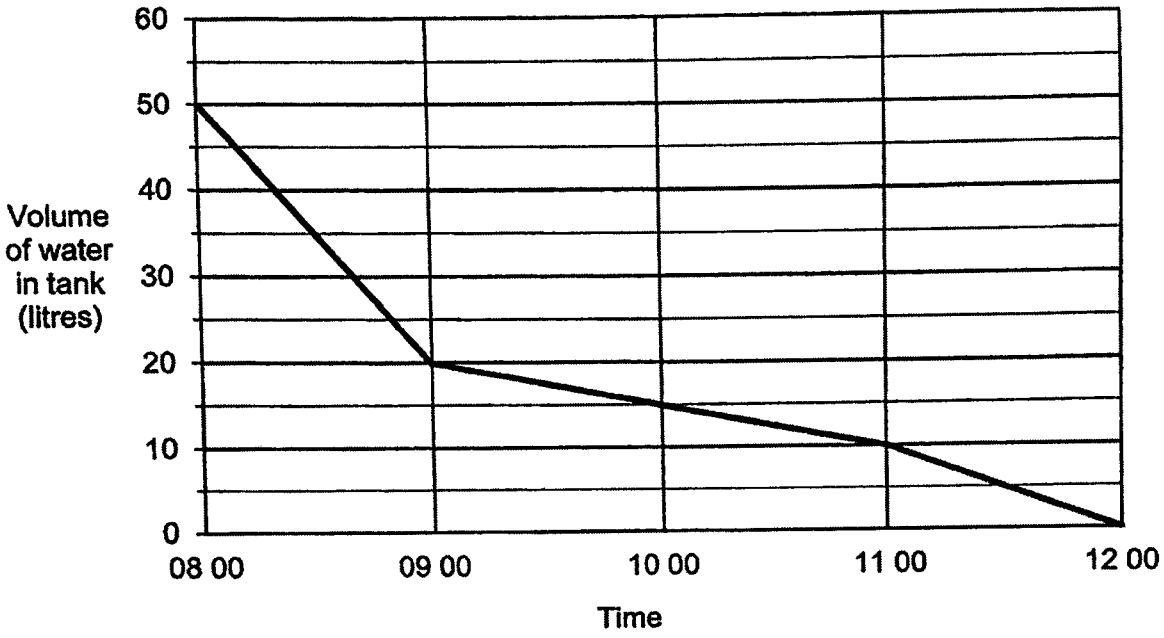
(1) 9 km 7 m
(2) 9 km 70 m
(3) 90 km 7 m
(4) 90 km 70 m ( )

3. The opening hours of a shop are shown below.


How long is the shop open each day?

(1) 6 h 15 min
(2) 6 h 45 min
(3) 7 h 15 min
(4) 7 h 45 min ( )

4. A tank was filled with 50 litres of water at 08 00.
Water flowed out of the tank from 08 00 to 12 00.
The graph below shows the amount of water in the tank from 08 00 to 12 00.




Which one-hour period was the decrease in water the greatest?

(1) Between 08 00 and 09 00
(2) Between 09 00 and 10 00
(3) Between 10 00 and 11 00
(4) Between 11 00 and 12 00 ( )

5. The table below shows the number of participants in an art class on Saturday and Sunday.

| Day | Children | Adults |
|---|---|---|
| Saturday | 16 | 24 |
| Sunday | 20 | 24 |

What is the percentage increase in the number of participants from Saturday to Sunday?

(1) 10%
(2) 20%
(3) 25%
(4) 4% ( )



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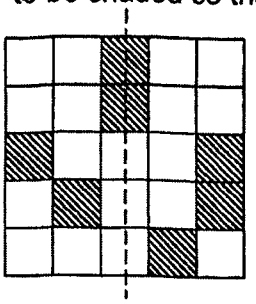
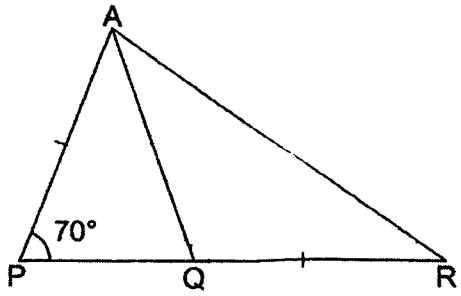
6. The figure below is made up of squares. What is the least number of square(s) to be shaded so that the figure has one vertical line of symmetry?



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

( )

7. In the figure below, PQR is a straight line. AP = AQ = QR. ∠APQ = 70°. Find ∠RAQ.




(1) 35°
(2) 40°
(3) 55°
(4) 70°

( )



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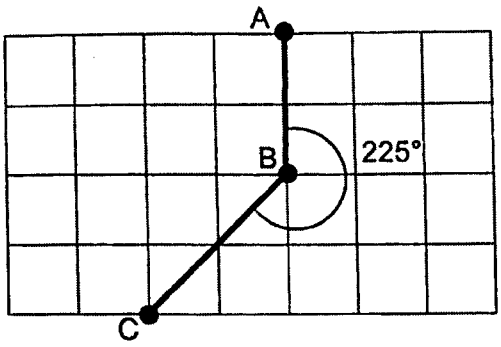
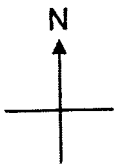
8. A, B and C are three points on the grid. Point B is south of Point A and ∠ABC is 225°
In what direction is Point C from Point B?




(1) North-East
(2) North-West
(3) South-East
(4) South-West ( )

9. Miss Lim travelled 3.2 km in a taxi from home to the mall. Her taxi fare was based on the charges shown below.

| | |
|---|---|
| First km | $4.80 |
| Every additional 400 m or less | $0.20 |

How much was her taxi fare?

(1) $5.40
(2) $5.80
(3) $6.00
(4) $6.40 ( )



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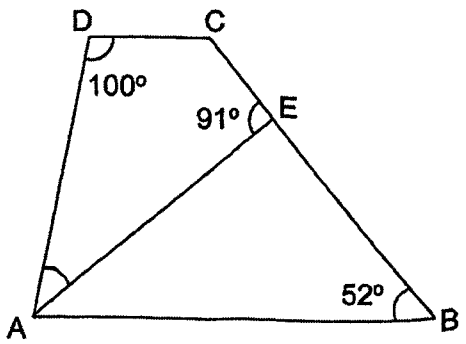
10. Sam spent \$42 of his money on a gift and $\frac{2}{5}$ of the remaining money on a book. In the end, he had $\frac{1}{4}$ of his money left. How much money did Sam have at first?

(1) \$42
(2) \$70
(3) \$72
(4) \$180 ( )

11. Limin, Ming and Raju each had some money at first. Limin gave Ming \$2.50. Ming then gave Raju \$1.80. Raju then spent \$3 on a pen. In the end, they each had \$5. What was the difference between the amount Limin and Raju had at first?

(1) \$0.50
(2) \$1.20
(3) \$1.30
(4) \$3.00 ( )

12. ABCD is a trapezium with AB parallel to DC. $\angle ADC = 100°$, $\angle AEC = 91°$ and $\angle ABE = 52°$. Find $\angle DAE$.




(1) 39°
(2) 41°
(3) 80°
(4) 89° ( )



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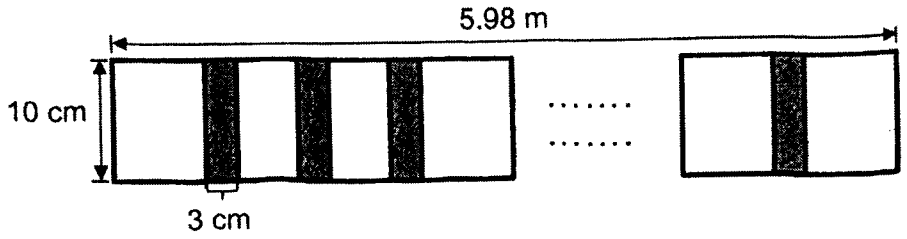
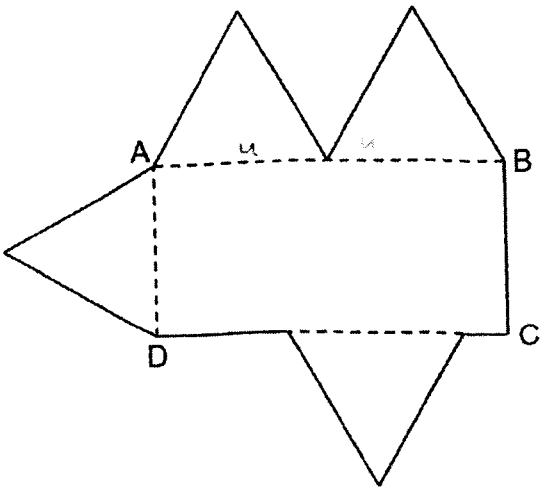
13. Mary glued some identical square papers in a straight line to form a length of 5.98 m as shown below. She glued the papers by overlapping one paper on the other paper. Each overlapping part was 3 cm long. What was the number of square papers she used?




(1) 59
(2) 60
(3) 84
(4) 85

( )

14. Bala used some wire to form the figure shown below. In the figure, ABCD is a rectangle and the 4 identical triangles are equilateral triangles. The area of ABCD is 162 $cm^2$.




What is the perimeter of the figure?

(1) 72 cm
(2) 90 cm
(3) 99 cm
(4) 126 cm

( )



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Go on to Booklet B

**Nan Hua Primary School**
**Primary 6 Mathematics**
**Timed Practice 3 – Adapted from RS 2024 Prelim Exam**

**Name:** _____ ( ) **Date:** _____

**Class: Primary 6M__**

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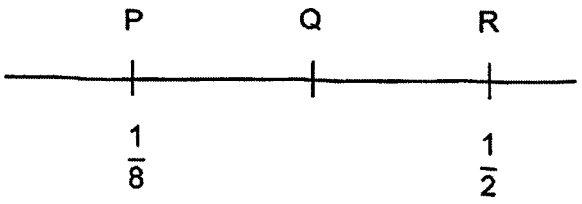
**Paper 1 Booklet B**

Questions **15** to **17** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

***All diagrams in this paper are not drawn to scale unless stated otherwise.***

(3 marks)

15. In the number line below, P represents $\frac{1}{8}$ and R represents $\frac{1}{2}$. PQ = QR. What fraction is represented by Q?

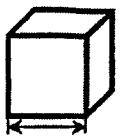



Ans: _____

16. The total mass of 9 durians is 16.2 kg. What is the average mass of the durians?

Ans: _____ kg

17. The volume of a cube is 64 $cm^3$. Find the length of the cube.




Ans: _____ cm

Questions **18** to **23** carry 2 marks each. Show your workings clearly in the space provided for each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

Do not write in this space

***All diagrams in this paper are not drawn to scale unless stated otherwise.***

(12 marks)

18. Alice saves $2 every day. Her mother gives her $1 for every 10 days that she saves. What is the total amount of money she will have after 43 days?

Ans: $_____

19. Judy and her brother had some stickers. After Judy gave him 30 stickers, she had 14 stickers more than him. How many more stickers did Judy have than her brother at first?

Ans: _____

20. The solid below is made up of 7 cubes.

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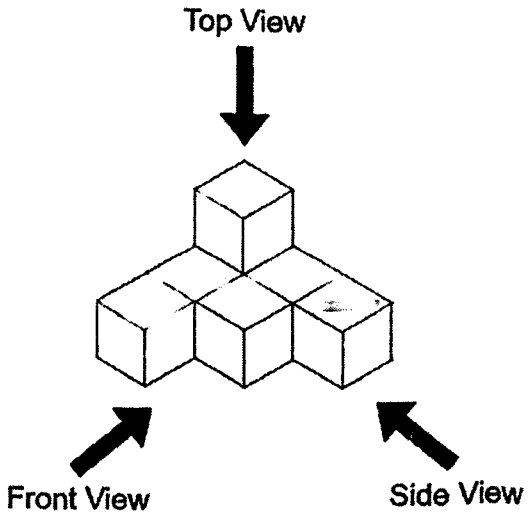
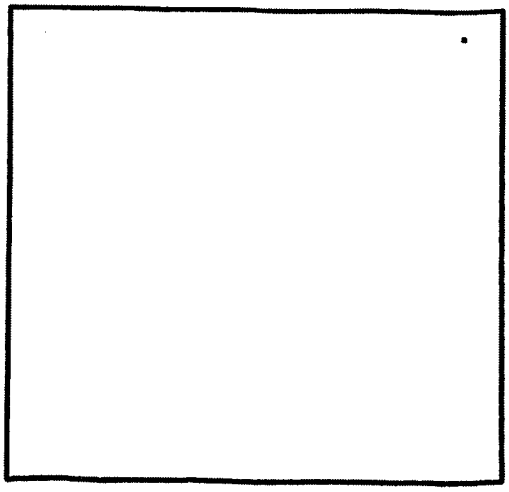



(a) Draw the top view of the solid on the grid below.

Top View



(b) Tyler painted the whole solid including the base. Then he took it apart into 7 cubes. What is the total number of faces that are painted?

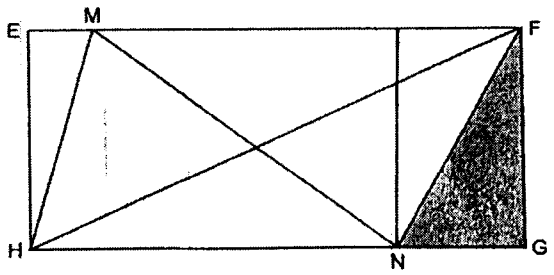
Ans: (b) _____

Do not write in this space

21. A group of students took part in a Math competition. $\frac{3}{8}$ of the boys and $\frac{1}{6}$ of the girls went on to the final round of the competition. There were 60 students who went on to the final round and $\frac{3}{4}$ of them were boys. What was the total number of students who took part in this competition?

Ans: _____

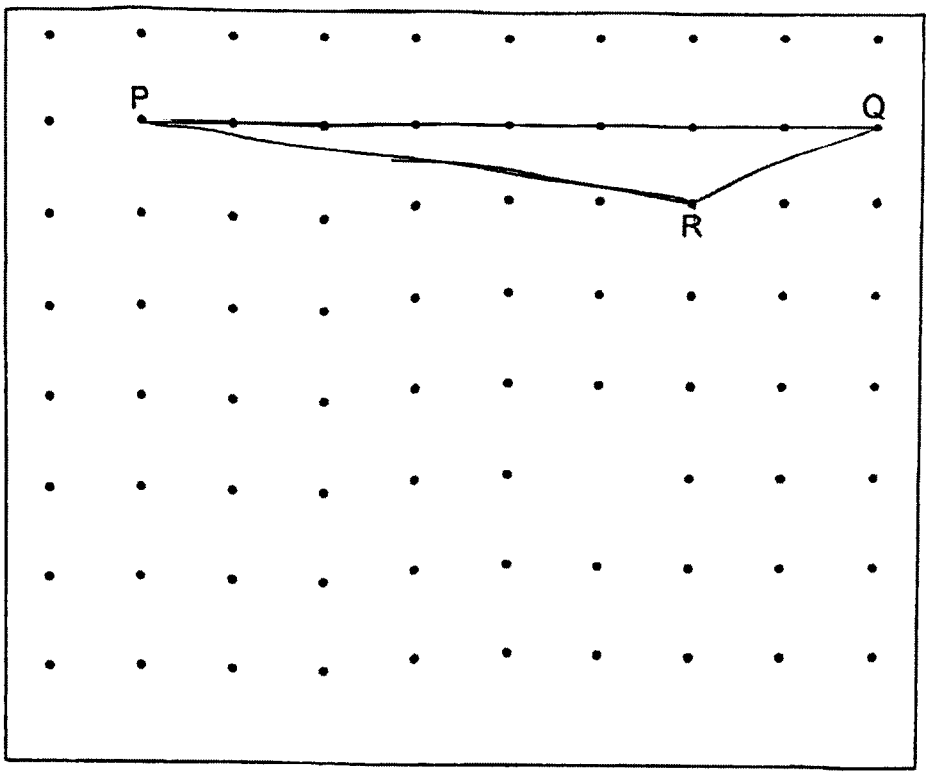
22. In the figure below, rectangle EFGH has an area of 2250 $cm^2$ and triangle MNH has an area of 750 $cm^2$. Find the area of the shaded triangle NFG.




Ans: _____ $cm^2$

23. The figure below shows a triangle PQR. On the grid below, draw a parallelogram RQXY with the same area as triangle PQR without overlapping it.

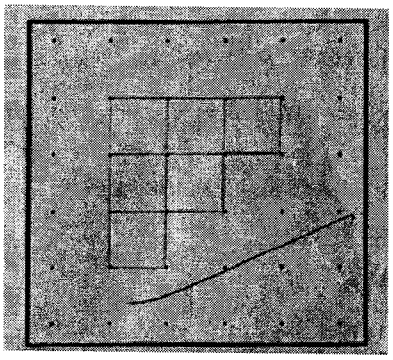
Do not write in this space




**End of paper**
**Have you checked your work?**

**SCHOOL : NAN HUA SCHOOL**
**LEVEL : PRIMARY 6**
**SUBJECT : MATH**
**TERM : WA3 2025**

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

| | |
|---|---|
| Q15) | 5/16 |
| Q16) | 1.8kg |
| Q17) | 4cm |
| Q18) | 80 + 1 x 4 = 84<br>84 + 2 x 3 = 84 + 6 = $90 |
| Q19) | 74 |
| Q20) | a)<br>  <br>b)28 |
| Q21) | 4u = 60<br>U = 15<br>14u = 210 |
| Q22) | 750 x 2 = 1500<br>2250 – 1500 = 750<br>750/2 = 375cm2 |

**Q23)**