Nan Hua Primary School
Primary 6 Mathematics
Timed Practice 2 – Adapted from RGPS 2024 Prelim Exam

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

Class: Primary 6M_

Paper 1 Booklet A

Questions **1** to **8** carry 1 mark each. Question **9** to **11** carry 2 marks each.

Make your choice (1, 2, 3 or 4) and write your answer in the brackets provided.

1. 60 000 + 5000 + 400 + 3 = _____

(1) 65 430
(2) 65 403
(3) 65 043
(4) 60 543 ( )

2. What is the missing number in the box?

$$2\frac{5}{6} = \frac{\square}{6}$$

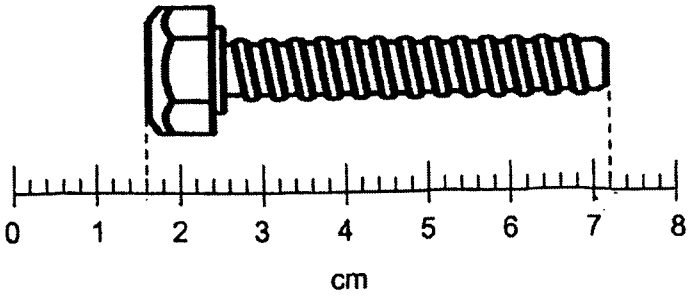
(1) 10
(2) 12
(3) 17
(4) 25 ( )

3. Which number is the largest?

(1) 1.44
(2) 1.45
(3) 1.054
(4) 1.405 ( )

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4. What is the length of the bolt shown below?



(1) 5.6 cm

(2) 5.8 cm

(3) 7.1 cm

(4) 7.2 cm ( )

5. What is 5% of 2000?

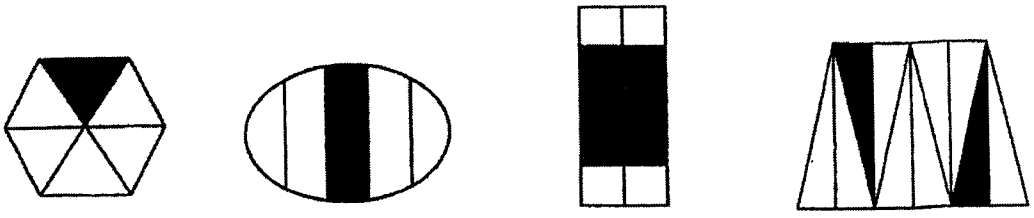
(1) 10

(2) 100

(3) 1000

(4) 10 000 ( )

6. Which of the following shows $\frac{1}{5}$ of the figure shaded?



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

( )

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7. Arrange these distances from the longest to the shortest.

2.25 km	2 km 55 m , $2\frac{1}{5}$ km

	Longest		Shortest
(1)	2 km 55 m	$2\frac{1}{5}$ km	2.25 km
(2)	2 km 55 m	2.25 km	$2\frac{1}{5}$ km
(3)	$2\frac{1}{5}$ km	2.25 km	2 km 55 m
(4)	2.25 km	$2\frac{1}{5}$ km	2 km 55 m ( )

8. A group of senior citizens was asked in a survey to choose one game they enjoy from Uno, Chess, Toss-a-ring and Bingo. The table represents their choices.

Game	Percentage of senior citizens
Uno	5%
Chess	15%
Toss-a-ring	25%
Bingo	?

What percentage of the senior citizens chose Chess and Bingo?

(1) 15%
(2) 55%
(3) 70%
(4) 80%

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9.

Box	Number of markers	Percentage of markers which are red
A	100	6%
B	200	9%

What is the ratio of the total number of red markers in Box A and B to the total number of markers in Box A and B?

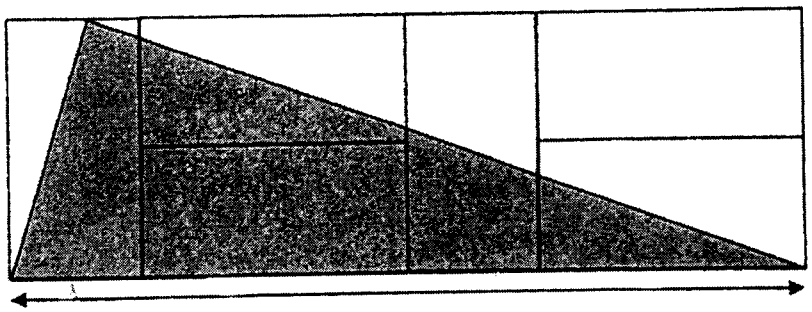
(1) 1 : 3

(2) 1 : 20

(3) 2 : 3

(4) 2 : 25

10. The figure below is made up of 6 identical rectangles. Find the area of the shaded triangle.



(1) 72 cm^2

(2) 96 cm^2

(3) 144 cm^2

(4) 192 cm^2

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11. Figure 1 shows a parallelogram with a perimeter of 50 cm. Figure 2 is formed using 3 such parallelograms and it has a perimeter of 108 cm.
Find the length of AB.

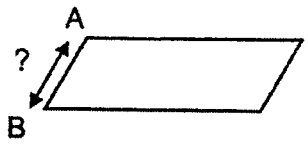


Figure 1

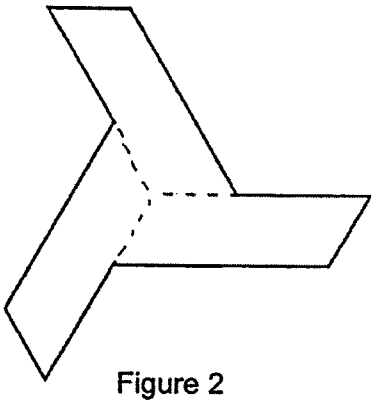


Figure 2

(1) 7 cm

(2) 9 cm

(3) 14 cm

(4) 42 cm

☺ Please check your work carefully ☺

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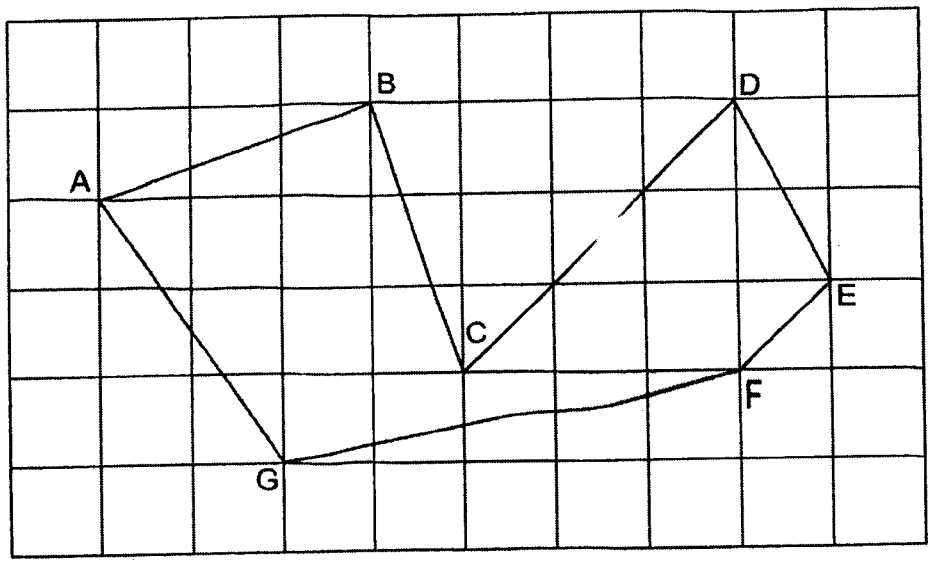
Paper 1 Booklet B

Questions **12** to **16** carry 1 mark each. Write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary.

12. Find the value of $\frac{11}{12} \div 3$

Ans: _____

13. 7 lines are drawn in the square grid.



Name two lines that are parallel to each other.

Ans: _____and_____

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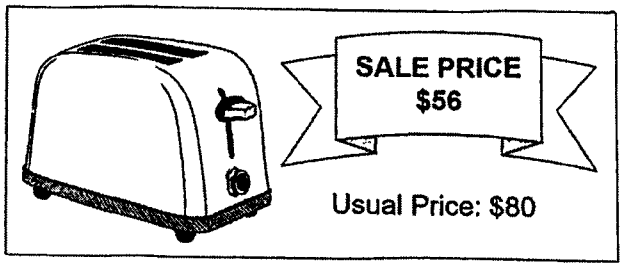
14. In the programme guide shown, one movie leads to another without any break in between.

Start time	Programme
5.45 pm	A Little Princess
7.20 pm	Wonder
9.15 pm	The Secret Garden

What is the duration of the movie "Wonder"?

Ans: _____h_____min

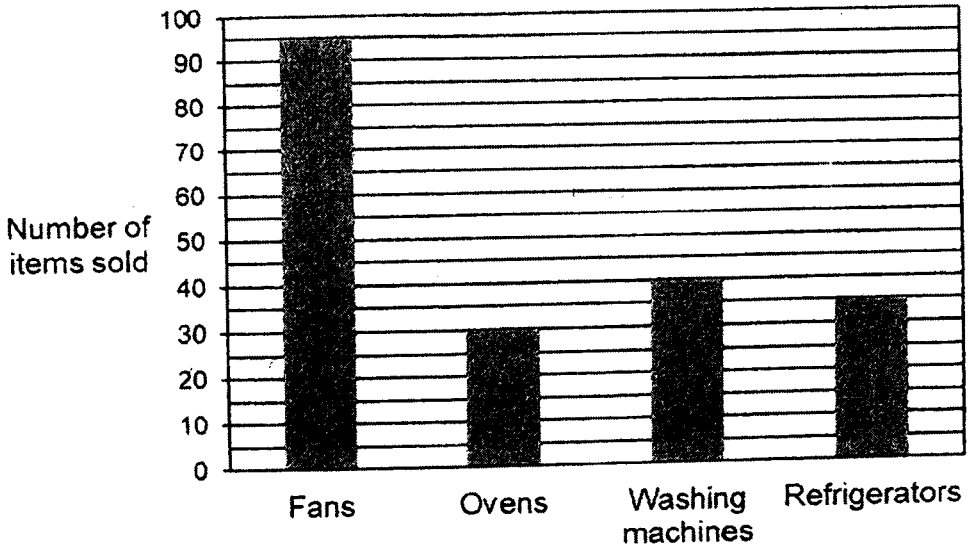
15. What is the percentage discount for the toaster shown?



Ans: _____%

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16. The bar graph shows the number of items sold in an electrical store in a month.



How many more fans than washing machines were sold?

Ans: _____

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Questions **17** to **25** carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the space provided. For questions which require units, give your answers in the units stated.

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17. (a) Round 32.047 to one decimal place.

Ans: (a) _____

(b) Write down one decimal between $\frac{1}{10}$ and $\frac{1}{5}$

Ans: (b) _____

18. A machine started packing snacks at 8 a.m. at the rate of 300 packets per hour. After every 8 hours, it was stopped for 2 hours. How many packets can it pack by 11 p.m. on the same day?

Ans: _____

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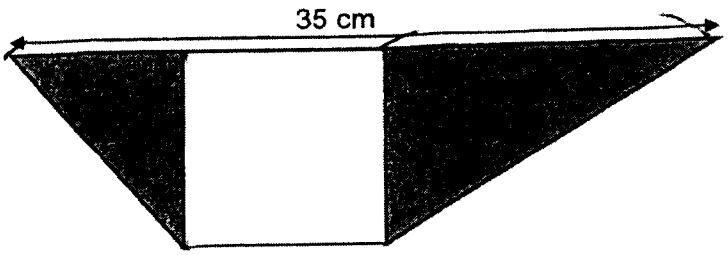
19. A swimmer has to swim a total of 3 races in a competition. The timing for Ryan's first two races are shown in the table.

Race	Timing (min)
1st	4.6
2nd	4.1
3rd	?

Ryan's average timing is 4.3 min for the 3 races. What is the timing for his 3rd race?

Ans: _____min

20. The figure is made up of a square and 2 triangles. The area of the square is 100 cm^2. Find the shaded area of the figure.



Ans: _____cm^2

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21. A pattern is formed using the letters B, C and D. The first 21 letters are shown.

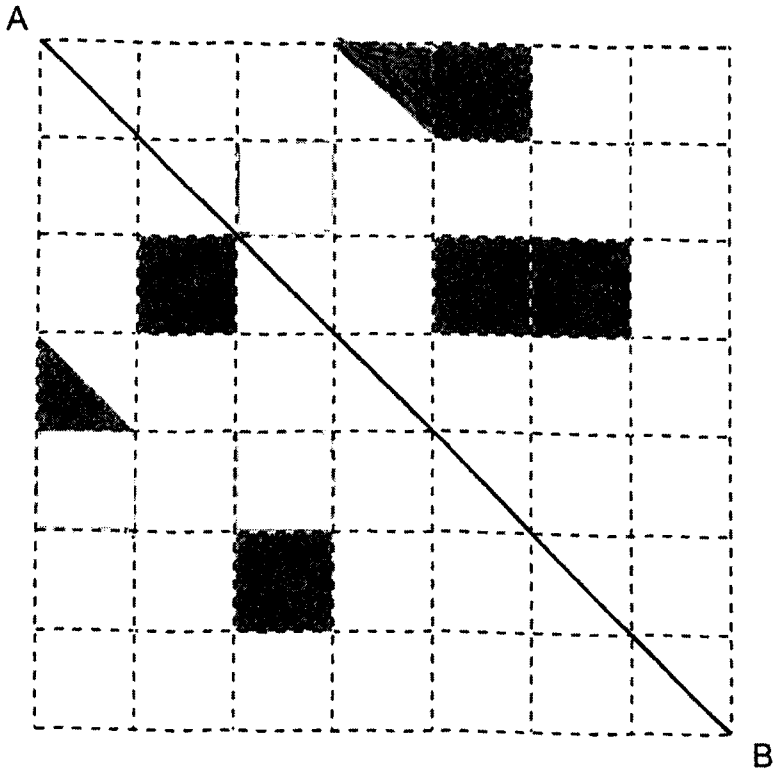
B B C B D D B B B C B D D B B B C B D D B

1st 21st

The letter D appears 50 times in the pattern. What is the smallest possible number of letter B appearing in the pattern?

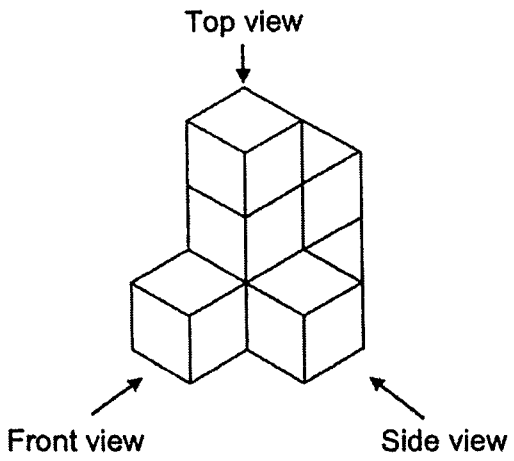
Ans: _____

22. There are 6 shaded shapes in the square grid. Shade the least number of shapes such that AB is the line of symmetry.

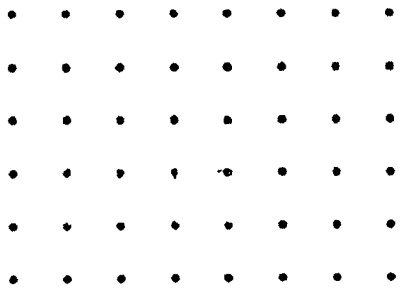


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23. Bala glued 7 unit cubes to form the solid shown.



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



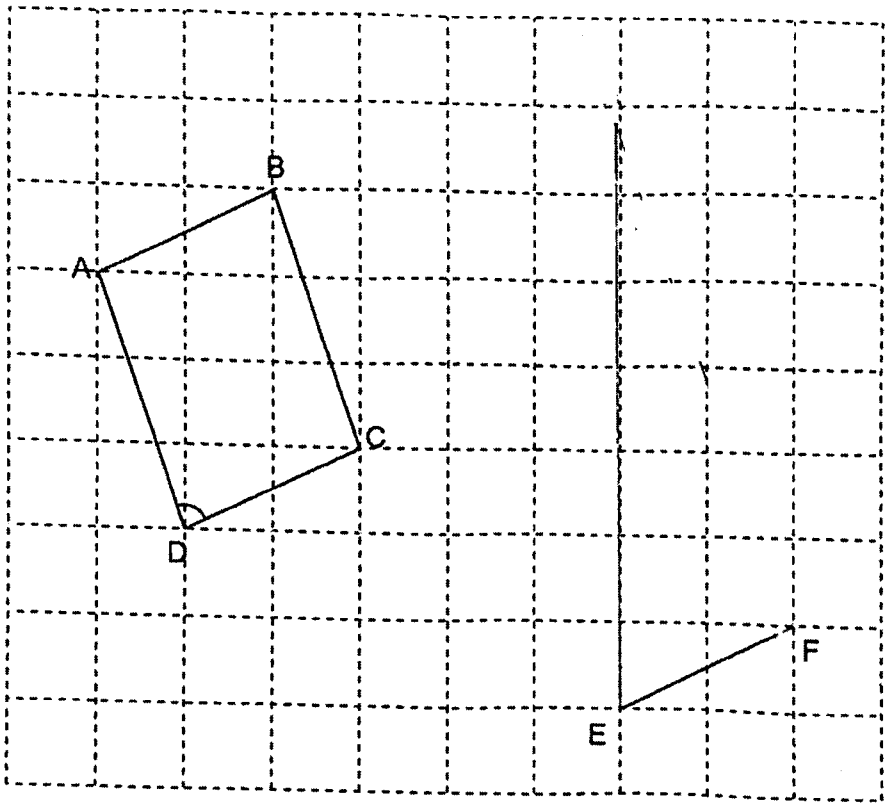
(b) Bala painted the whole solid, including the base, green. How many of the 7 cubes had exactly four of their faces painted green?

Ans: (b)_____

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24. A parallelogram ABCD is drawn on a square grid. EF is one side of a triangle EFG. The sum of ∠ EFG and ∠ ADC is 180°. FG is twice as long as BC.

Draw triangle EFG on the square grid with a pencil and label it clearly.



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25. Aleemah had an album of local and foreign stamps in the ratio 3 : 4. She gave away an equal number of local and foreign stamps. The total number of stamps she gave away is 40. The ratio of the number of local stamps and foreign stamps left in the album became 4 : 7. How many local stamps did she have at first?

Ans: _____

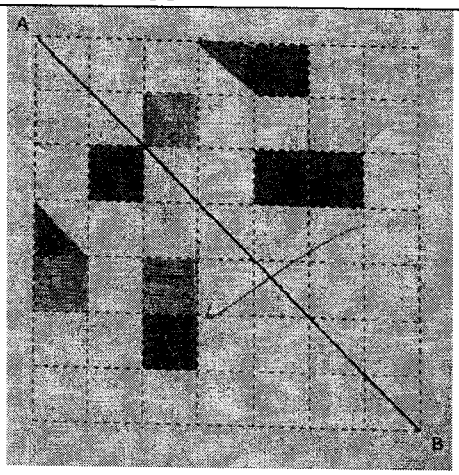
End of Paper
☺ Please check your work carefully ☺

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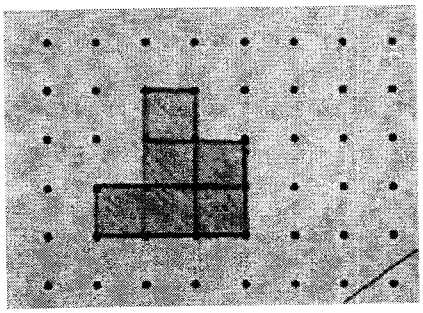
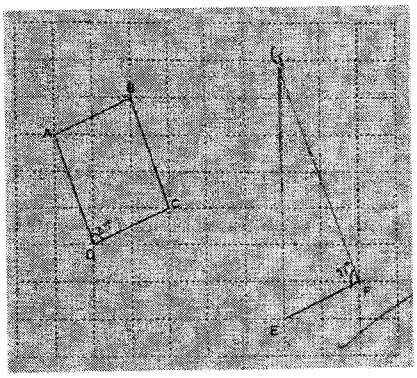
SCHOOL : NAN HUA SCHOOL
LEVEL : PRIMARY 6
SUBJECT : MATH
TERM : WA2 2025

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	1	2	4	4	3	4	2

Q11
1

Q12)	**11/12 X 1/3 = 11/36**
Q13)	**CD and FE**
Q14)	**1 h 55 min**
Q15)	**30%**
Q16)	**95 – 40 = 55**
Q17)	**a)32.0** **b)0.15**
Q18)	**3900**
Q19)	**4.3 x 3 = 12.9** **12.9 – 4.6 = 8.3** **8.3 – 4.1 = 4.2 min**
Q20)	**125cm2**
Q21)	**50/2 = 25** **25 x 4 = 100** **100 – 1 = 99**
Q22)	

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Q23)	**a)**  **b)2**
Q24)	
Q25)	**10u = 40** **U = y** **9u = 36**

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