TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

2025 PRIMARY 5 END-OF-YEAR EXAMINATION

Name: _____ ( ) Date: 28 October 2025

Class: Primary 5 ( ) Time: 8.00 a.m. – 9.10 a.m.

Parent's Signature: _____ Marks: _____ / **100**

Paper 1 comprises 2 booklets, A and B.

MATHEMATICS

PAPER 1

(BOOKLET A)

/ 26

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn this page over 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.

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. What is the value of the digit 3 in 30 517?

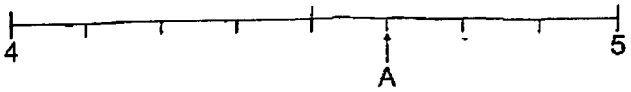
   (1) 30

   (2) 300

   (3) 3000

   (4) 30 000

2. In the number line, what is the mixed number represented by A?



   (1) $4\frac{2}{3}$

   (2) $4\frac{3}{4}$

   (3) $4\frac{5}{7}$

   (4) $4\frac{5}{8}$

3. $70 + \frac{7}{10} + \frac{7}{100} =$ _____

   (1) 77.07

   (2) 70.77

   (3) 70.077

   (4) 70.707

4. A wheel makes 900 turns in 15 minutes.
At this rate, how many turns will it make in 60 minutes?

(1) 60

(2) 3600

(3) 13 500

(4) 54 000

5. Mary had $200. She spent $160. What percentage of her money did she spend?

(1) 80%

(2) 60%

(3) 40%

(4) 20%

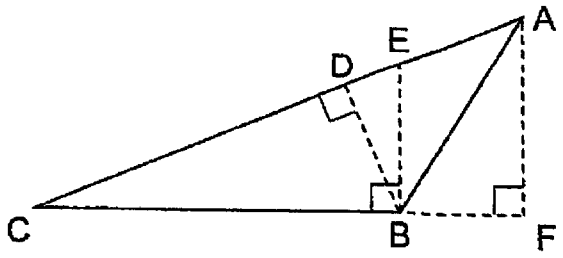
6. Which of the following is the related height of base BC?

(1) AB

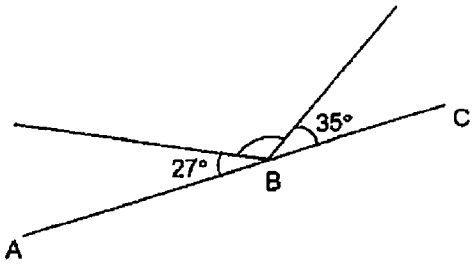
(2) AF

(3) BD

(4) BE



7. In the figure, ABC is a straight line. Find $\angle k$.



(1) 52°

(2) 62°

(3) 118°

(4) 128°

8. Find the value of $50 + (40 - 10) \div 5 \times 2$

(1) 62

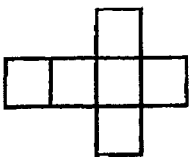
(2) 53

(3) 32

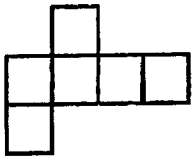
(4) 8

9. Which of the following is **not** a net of a cube?

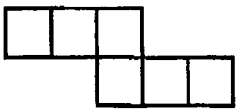
(1)



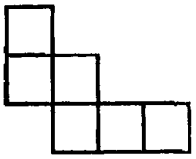
(2)



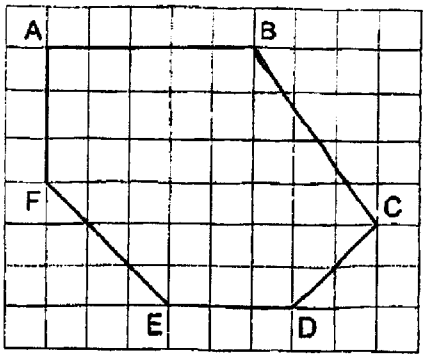
(3)



(4)



10. Which pair of lines are parallel?



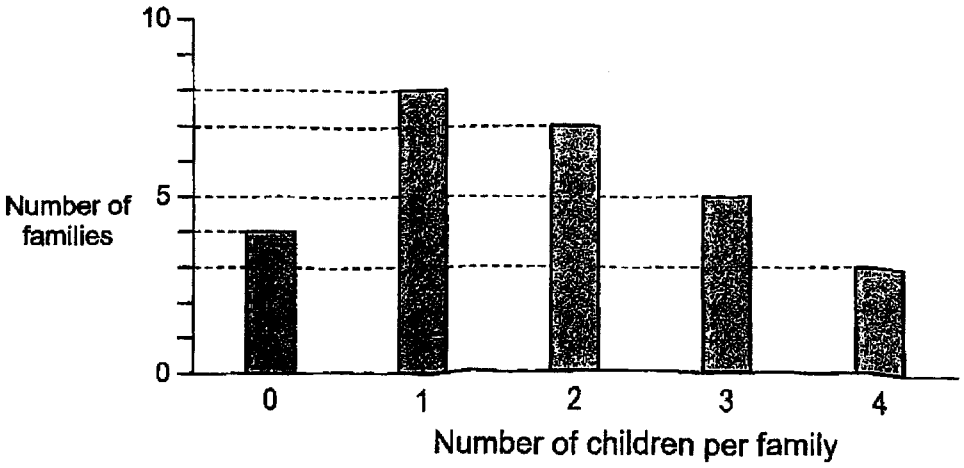
(1) AB and AF

(2) AB and ED

(3) BC and CD

(4) BC and FE

11. The bar graph shows the number of children per family in a housing estate.



Find the total number of children in the housing estate.

(1) 22

(2) 27

(3) 49

(4) 53

12. Arrange the following from the lightest to the heaviest.

4.6 kg	4 kg 80 g	$4\frac{2}{3}$ kg

	Lightest		Heaviest
(1)	$4\frac{2}{3}$ kg	4.6 kg	4 kg 80 g
(2)	4.6 kg	$4\frac{2}{3}$ kg	4 kg 80 g
(3)	4 kg 80 g	$4\frac{2}{3}$ kg	4.6 kg
(4)	4 kg 80 g	4.6 kg	$4\frac{2}{3}$ kg

13. What is the cost of each apple?

(1) 65¢

(2) 62¢

(3) 55¢

(4) 52¢

14. Ms Lynn had 200 markers. 40% of her markers were blue and 35% of her markers were red. The rest of her markers were green. How many green markers did she have?

(1) 80

(2) 70

(3) 50

(4) 25

15. The table shows the number of books read by 4 children.
The number of books read by Olivia and Penny are not shown.

Name	Mabel	Naomi	Olivia	Penny
Number of books	10	18	?	?

The 4 children read 100 books altogether. Olivia read 3 times as many books as Penny.
How many books did Olivia read?

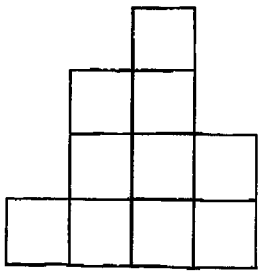
(1) 54

(2) 48

(3) 24

(4) 18

16. The figure is made up of squares. The perimeter of the figure is 160 cm.



What is the area of the figure?

(1) 16 cm^2

(2) 64 cm^2

(3) 100 cm^2

(4) 1000 cm^2

17. Jenny had $\frac{1}{2}$ as many stickers as Rachel. After Jenny gave $\frac{1}{3}$ of her stickers to Rachel, Rachel had 140 more stickers than her. How many stickers did Rachel have in the end?

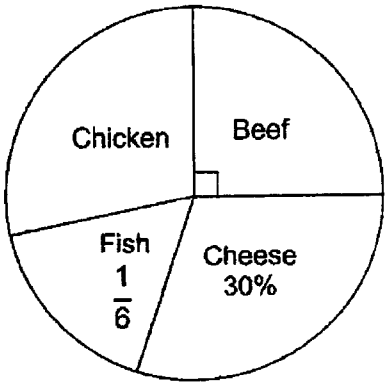
(1) 160

(2) 168

(3) 196

(4) 245

18. The pie chart shows the number of each type of burger sold by a stall during lunchtime. A total of 60 burgers is sold.



Find the number of chicken burgers sold.

(1) 5

(2) 7

(3) 17

(4) 21

End of Booklet A

TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

2025 PRIMARY 5 END-OF-YEAR EXAMINATION

Name: _____ ( ) Date: 28 October 2025

Class: Primary 5 ( ) Time: 8.00 a.m. – 9.10 a.m.

Parent's Signature: _____

Paper 1 comprises 2 booklets, A and B.

MATHEMATICS
PAPER 1
(BOOKLET B)

24

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn this page over 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 calculators 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 workings clearly and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (24 marks)

19. **(a)** Write eight million, one hundred and ten thousand and fifty-five in numerals.

Ans: (a) _____

(b) Round 51 457 to the nearest thousand.

Ans: (b) _____

20. **(a)** Find the value of $\frac{14}{3} \times 6$

Ans: (a) _____

(b) Find the value of $\frac{5}{6} - \frac{1}{4}$

Ans: (b) _____

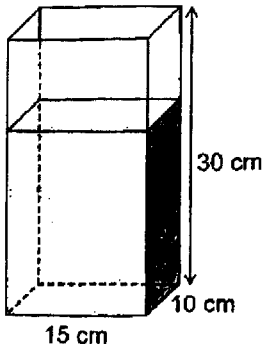
21. **(a)** Find the value of 0.64×50

Ans: _____

(b) Express 6.01 kilometres in metres.

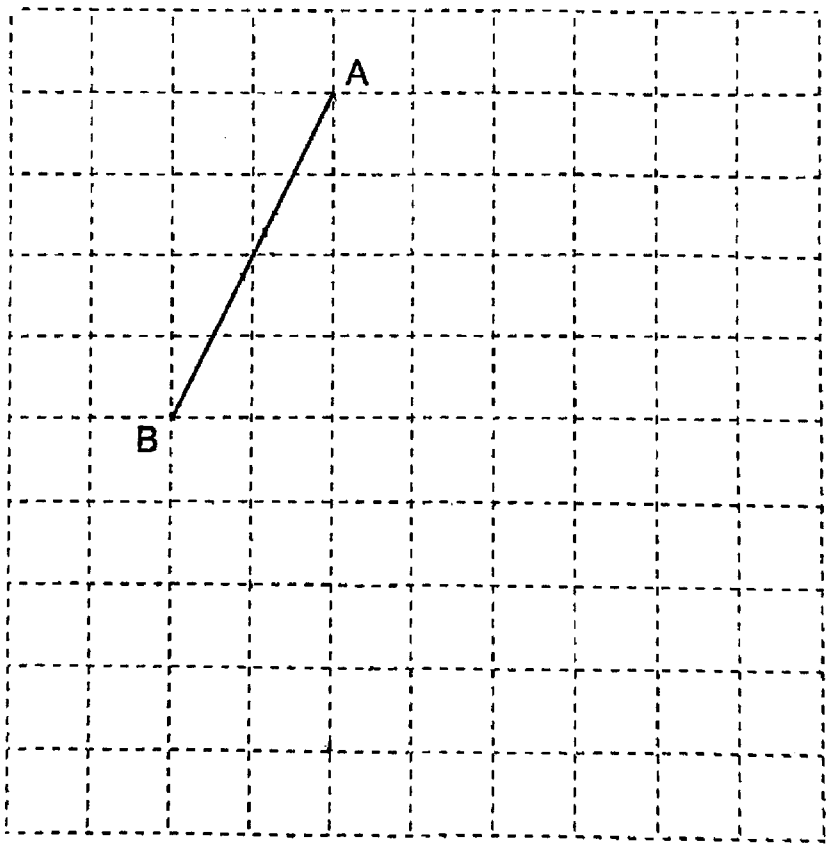
Ans: _____ m

22. A rectangular tank is $\frac{2}{3}$ full of water as shown. Find the volume of water in the tank.



Ans: 3 ℓ

23. The square grid shows line AB which is one side of a rhombus ABCD. Draw rhombus ABCD and label the vertices clearly. Ensure precision in your drawing.



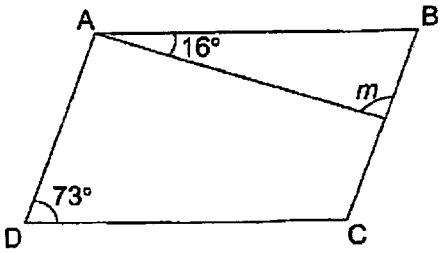
24. The table shows the number of fruits sold.

Shop	Number of apples	Number of oranges	Number of bananas
A	4	11	6
B	8	9	7

Find the difference in the total number of fruits sold by Shop A and Shop B.

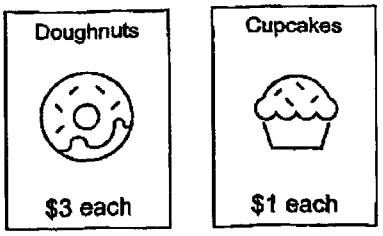
Ans: _____

25. ABCD is a parallelogram. Find $\angle m$.



Ans: _____ °

26. Jenny wanted to buy 9 doughnuts and 6 cupcakes but she would need $2 more than what she had. So she bought 14 cupcakes and some doughnuts.
What was the greatest number of doughnuts she could have bought?



Ans: _____

27. Mdm Wong deposits $6000 in a bank for one year. The interest rate is 2.5% per year. What is the total amount she will have in the bank at the end of one year?

Ans: $ _____

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28. Ali bought some flowers. $\frac{2}{5}$ of them were sunflowers. $\frac{1}{4}$ of the remainder were orchids. The rest were roses. What fraction of the flowers were roses?

Ans: _____

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29. Each morning, the first bus will leave a bus interchange at 5.45 a.m. A bus will leave the interchange every 15 minutes. The time taken to travel from the interchange to Johan's school is 45 minutes. What is the latest time that Johan has to board the bus at the interchange to reach school by 7.20 a.m. ?

Ans: _____ a.m.

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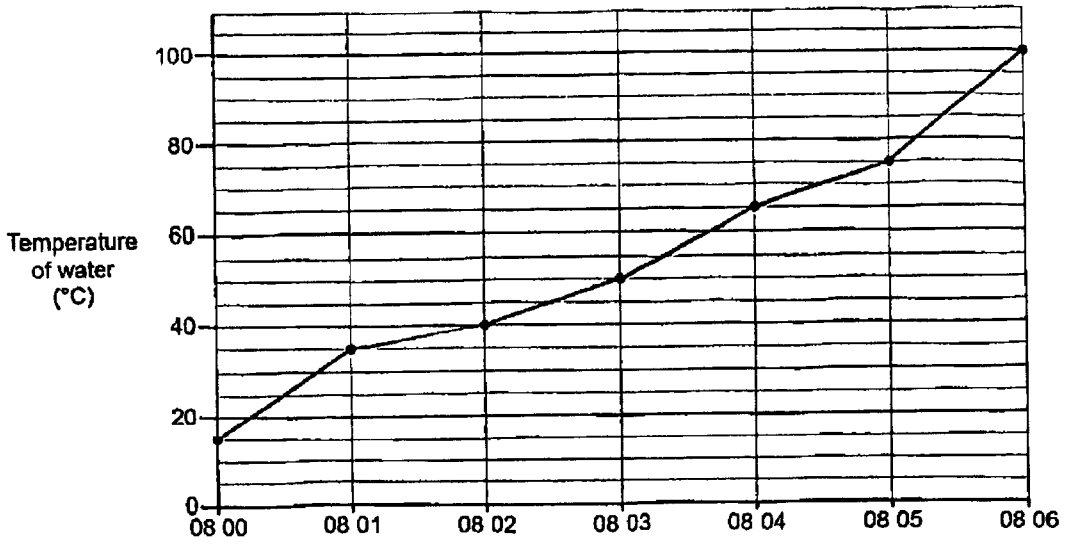
30. The line graph shows the temperature of water in a kettle from 08 00 to 08 06.



(a) What was the temperature of water at first?

Ans: (a) _____ °C

(b) During which two 1-minute intervals did the temperature of water increase at the same rate?

Ans: (b) _____ to _____

_____ to _____

End of Booklet B

End of Paper 1

TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

2025 PRIMARY 5 END-OF-YEAR EXAMINATION

Name: _____ ( ) Date: 28 October 2025

Class: Primary 5 ( ) Time: 10.30 a.m. – 11.50 a.m.

Parent's Signature: _____

MATHEMATICS

PAPER 2

/ 50

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn this page over 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.

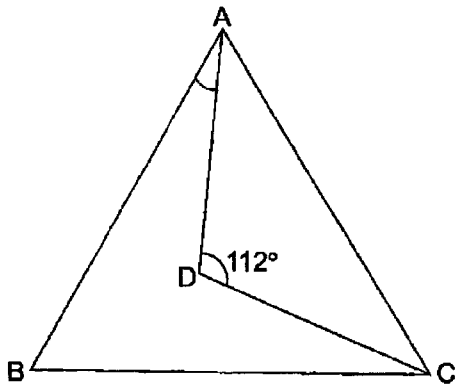
Questions **1** to **5** carry 2 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

1. Miss Tan bought 12 boxes of rainbow cookies. Each box had 20 rainbow cookies. She also bought 90 plain cookies. She packed all the cookies equally into 6 packets. How many cookies were there in each packet?

Ans: _____

2. ABC is an equilateral triangle and AD = CD. Find ∠ BAD.



Ans: _____ °

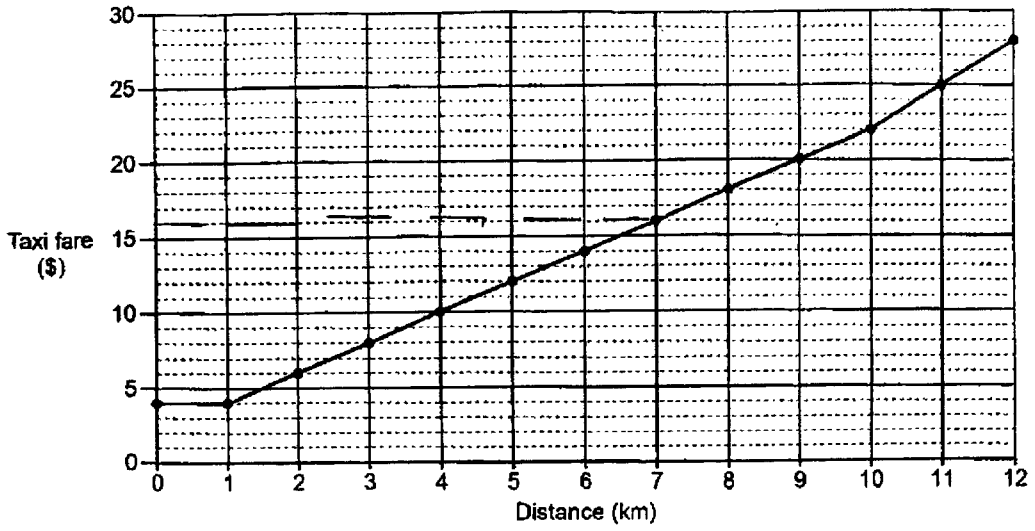
3. Tom needs 100 pieces of string, each of length 75 cm, to tie parcels. String is sold in rolls of 25 m each. What is the least number of rolls of string that Tom needs to buy?

Ans: _____

4. Ms Lim bought 9 packs of milk. When calculating the total volume of milk bought, he made a mistake by multiplying the volume of 1 pack of milk by 6 instead of 9 and got 1380 ml. What should be the correct total volume of milk bought?

Ans: _____ ℓ

5. The line graph shows the fare a taxi company charges for the first 12 kilometres.



The table shows the additional charge for every taxi trip starting from Changi Airport.

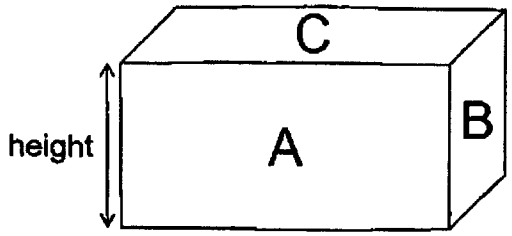
	Additional charge
From 5 p.m. to before midnight on any day	$8
All other times	$6

Mrs Bala took a taxi from Changi Airport at 7 a.m. She paid $22 for her taxi ride. What was the distance she travelled?

Ans: _____ km

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

6. The figure shows a cuboid. The area of Face A is 72 cm^2 and the area of Face B is 36 cm^2. Face C has the same area as Face A.



(a) What is the height of the cuboid?

Ans: (a) _____ [1]

(b) What is the volume of the cuboid?

Ans: (b) _____ [2]

7. At a fruit stall, there were 8 more honeydews than watermelons. The mass of each watermelon was 6.75 kg. It was 3.5 kg heavier than each honeydew. The total mass of the fruits was 86 kg. How many honeydews were there?

Ans: _____ [3]

8. The price of a laptop before GST was $1800.

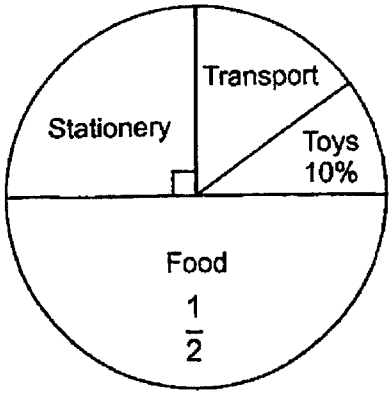
(a) What was the price of the laptop after adding 9% GST?

Ans: (a) _____ [1]

(b) Anna bought the laptop on sale at 20% discount from the Code Shop. As a Code Shop member, she was given a further 5% discount off the discounted price. How much did Anna pay for the laptop after adding 9% GST?

Ans: (b) _____ [3]

9. The pie chart shows how Raju spent his money.



(a) Raju spent $42 on food. How much did he spend on transport?

Ans: (a) _____ [2]

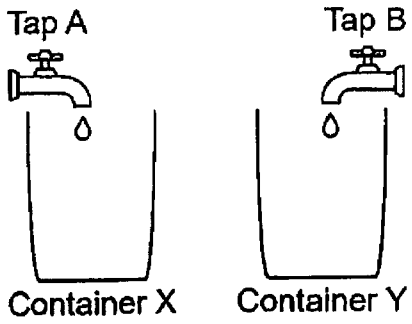
(b) Raju bought 8 identical pens with $\frac{4}{7}$ of the money spent on stationery. What was the cost of 1 pen?

Ans: (b) _____ [2]

10. At first, Farah had 91 star stickers and 78 heart stickers. Then, she bought an equal number of boxes of star stickers and heart stickers. Each box of star stickers contained 5 stickers and each box of heart stickers contained 7 stickers. In the end, there were 15 more heart stickers than star stickers. How many boxes of star stickers did she buy?

Ans: _____ [3]

11. Tap A and tap B were turned on to fill two identical empty containers X and Y at different rates. Water flowed out of tap B at a rate that was 3 times as fast as tap A.



(a) Tap A filled container X with some water for 12 minutes.
How long did it take tap B to fill container Y with the same amount of water?

Ans: (a) _____ [2]

(b) In another identical set-up, Janice turned on tap A at first. After the first 10 minutes, she turned on tap B. After the next 5 minutes, containers X and Y were half filled with water.

Each of the statements below is either true, false or not possible to tell from the information given. Put a tick (✓) to indicate your answer.

Statement	True	False	Not possible to tell
After another 5 minutes, there was more water in container X than container Y.			
There were 15 ℓ of water in container X when it was half filled.			
It took tap B 20 minutes to fill container Y to the brim.			

[2]

12. A box contained the same number of red, blue and green toy blocks at first. After 44 green blocks, some red blocks and blue blocks were removed, there were 122 blocks left. There were twice as many red blocks as blue blocks left. The number of green blocks left was 18 fewer than the number of red blocks left.

(a) How many more green blocks than blue blocks were left?

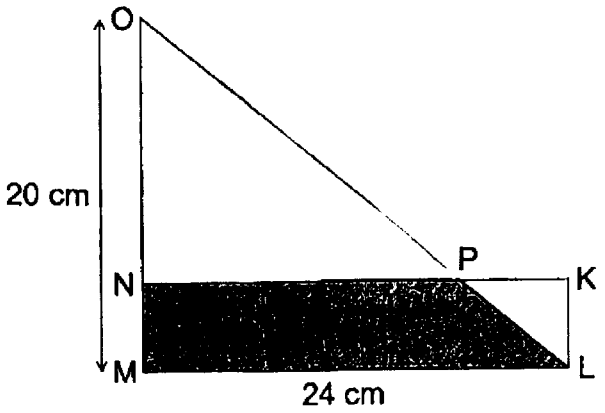
Ans: (a) _____ [3]

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

Ans: (b) _____ [2]

13. The figure shows rectangle KLMN and triangle MOL.

The area of MNPL is $\frac{7}{16}$ of the area of MOL and 7 times the area of PKL.



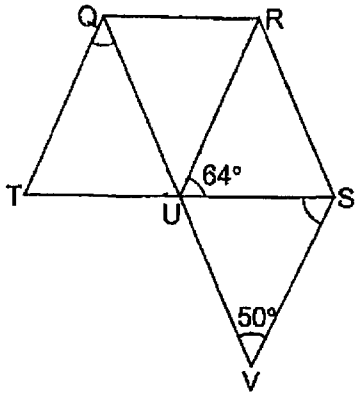
(a) What is the area of MNPL?

Ans: (a) _____ [1]

(b) What is the length of PK?

Ans: (b) _____ [3]

14. QRUT and QRSU are parallelograms. TUS and QUV are straight lines and QT = QU.



(a) Find ∠ TQU.

Ans: (a) _____ [2]

(b) Find ∠ USV.

Ans: (b) _____ [2]

(c) Circle the words that describe RSVU correctly in the following statement.

RSVU is a (**trapezium** / **parallelogram**) because RU (**is** / **is not**) parallel to SV and RS (**is** / **is not**) parallel to UV.

[1]

15. At first, Siti had 36 more apples than oranges. After selling $\frac{1}{3}$ of the apples and $\frac{1}{4}$ of the oranges, she had 92 fruits left.

(a) How many fruits did Siti have at first?

Ans: (a) _____ [3]

(b) Siti earned 40¢ for each apple that she sold and $1 for each orange that she sold. Did she earn more from the sale of apples or oranges? How much more?

Ans: (b) Fill in the blank and circle the correct word in the statement.

Siti earned _____ more from the sale of **(apples / oranges)**. [2]

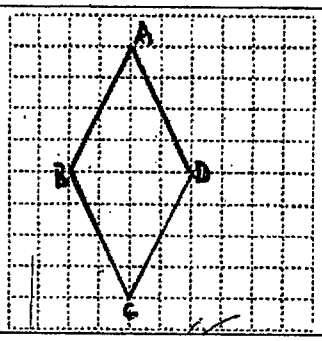
End of Paper 2

YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

(BOOKLET A)

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

(BOOKLET B)

Q19	a) 8 110 055 b) 51 000	Q20	a) 28 b) $\frac{20}{24} - \frac{6}{24} = \frac{14}{24}$ $= \frac{7}{12}$
Q21	a) 0.64 x 50 = 32 b) 6010m	Q22	$\frac{2}{3} \times 30 = 20$ 15 x 10 x 20 = 150 150 x 20 = 3000 3000 ÷ 1000 = 3L
Q23		Q24	4 + 11 + 6 = 21 9 + 8 = 17 17 + 7 + 24 24 – 21 = 3
Q25	180 – 73 = 107 107 – 16 = 91°	Q26	33 – 2 = 31 35 – 14 = 21 21 ÷ 3 = 7 31 – 14 = 17 17 ÷ 3 = 5 R6 ≈ 5
Q27	100% → 6000 1% → 6000 ÷ 100 = 60 6000 + 150 = $6150	Q28	Total → 20u Roses = 1 – (Sunflowers + Orchids) Roses = $1 - (\frac{2}{5} + \frac{3}{20})$ Roses = $\frac{20}{20} - (\frac{8}{20} + \frac{3}{20})$ $= \frac{20}{20} - \frac{11}{20}$ $= \frac{9}{20}$

Q29	6.30 a.m.	Q30	a) 15 °C b) 0802 to 0803 0804 to 0805

PAPER 2

Q1	12 x 20 = 240 240 ÷ 90 = 330 330 ÷ 6 = 55	Q2	(180 – 112) ÷ 2 = 34 60 – 34 = 26°
Q3	25m = 2500cm $2500 \div 75 = 33\frac{1}{3}$ 100 ÷ 33 = 3R1 3 + 1 = 4	Q4	1380 ÷ 6 = 230 9 x 230 = 2070 2070 ÷ 1000 = 2.07L
Q5	22 – 6 = 16 7km = $16 Ans: 7km	Q6	a) $\sqrt{36}$ = 6cm b) 6 x 6 x 12 = 432m^3
Q7	Watermelon 6.75 | 6 Honeydew 3.75 | 14 Add up | 6 x 6.75 = 40.5 3.25 x 14 = 45.5 45.5 + 40.5 = 86 Tick | ✓ Ans: 14	Q8	a) 100% → 1800 1% → 1800 ÷ 100 = 18 109% → 18 x 109 = $1962 b) 100% - 20% = 80% 100% → 1800 1% → 1800 ÷ 100 = 18 80% → 18 x 80 = 1440 100 – 5 = 95 100% → 1440 1% → 1440 ÷ 100 = 14.40 95% → 14.40 x 95 = 1368 1% → 1368 ÷ 95 = 13.68 13.68 x 109 = $1491.12
Q9	a) 42 ÷ 50 = 0.84 0.84 x 15 = 12.60 b) 7u = 21 1u = 21 ÷ 7 = 3 4u = 3 x 4 = 12 12 ÷ 8 = $1.50	Q10	Star stickers (Initial) = 91 Heart Stickers (Initial) = 78 Initial Difference = 91 – 78 = 13 Heart Stickers per box = 7 Star Stickers per box = 5 Change per set = 7 – 5 = 2 Total change needed = Gap to close + New difference Total Change Needed = 13 + 15 = 28 No. of boxes = $\frac{Total\ change\ needed}{Change\ per\ Set}$ No. of boxes = $\frac{28}{2} = 14$ Farah bought 14 boxes of star stickers

Q11

a) 12 ÷ 3 = 4 minutes

b)

After another 5 minutes, there was more water in container X than container Y.	False
There were 15L of water in container X when it was half filled.	Not possible to tell
It took tap B 20 minutes to fill container Y to the brim.	False

Q12

a) R → 2u
B → 1u
G → 2u – 18

2u → 28 x 2 = 56
56 – 18 = 38
5u – 18 = 122
122 + 18 = 140
19 → 140 ÷ 5 = 28
38 – 28 = 10

b) 38 + 44 = 82
82 x 3 = 246

Q13

a) 20 x 24 = 488
480 ÷ 2 = 240
240 ÷ 16 = 15
15 x 7 = 105 cm^3
b) 105 ÷ 7 = 15
105 + 15 = 120
120 ÷ 24 = 5 cm^3

Q14

a) 64 x 2 = 128
180 – 128 = 52°
b) 180 – 64 – 50 = 66°
c) (trapezium) , (is not), (is)

Q15

a) 92 – 24 = 68
17u = 68
1u = 68 ÷ 17 = 4
24 x 4 = 96
$\frac{1}{3} = \frac{4}{12}$
$\frac{1}{4} = \frac{3}{12}$
96 + 36 = 132
3u = 36
1u = 36 ÷ 3 = 12
2u = 12 x 2
= 24
b) 4u = 4 x 4
= 16
16 + 12 = 28
3 x 4 = 12
28 x 0.40 = 11.20
12 x $1 = $12
$12 - $11.20 = $0.80
Siti earned $0.80 more from the sale of oranges.

3

END