2021 PRIMARY 5 PRACTICE PAPER 1

Name: _____( ) Date: _____

Class: Primary 5 ( )

Parent's Signature: _____

MATHEMATICS

PAPER 1

(BOOKLET A)

20

INSTRUCTIONS TO CANDIDATE

1. Write your name, class and register no.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Show your working clearly as marks are awarded for correct working.
6. You are NOT allowed to use a calculator.

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Questions **1** to **10** carry 1 mark each. Questions **11** to **15** 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.

(20 marks)

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1. What is the value of digit 7 in 9 073 148?

   (1) 700
   (2) 7000
   (3) 70 000
   (4) 700 000

2. The first common multiple of 2, 3 and 4 is _____.

   (1) 24
   (2) 12
   (3) 9
   (4) 6

3. Which of the following is likely to be the height of a teacher's classroom table?

   (1) 100 cm
   (2) 150 cm
   (3) 200 cm
   (4) 250 cm

4. Which one of the following is the same as $\frac{8}{9}$ of 7?

   (1) $\frac{8 \times 7}{9 \times 1}$

   (2) $\frac{8 \times 7}{9 \times 7}$

   (3) $\frac{7 \times 9}{8 \times 1}$

   (4) $\frac{7 \times 9}{8 \times 8}$

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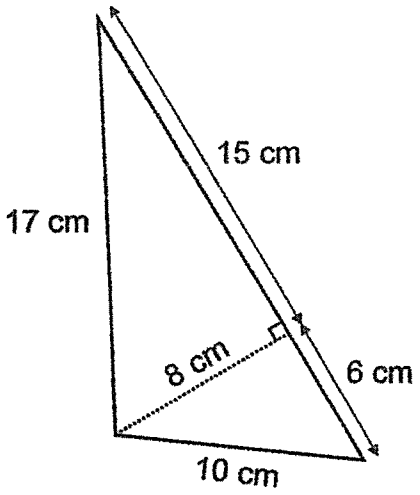
5. Express $9\frac{3}{20}$ as a decimal.

(1) 9.23
(2) 9.20
(3) 9.15
(4) 9.03

6. Find the sum of 1 kg 400 g, 1 kg 8 g and 1 kg 600 g.

(1) 3.08 kg
(2) 4.08 kg
(3) 3.008 kg
(4) 4.008 kg

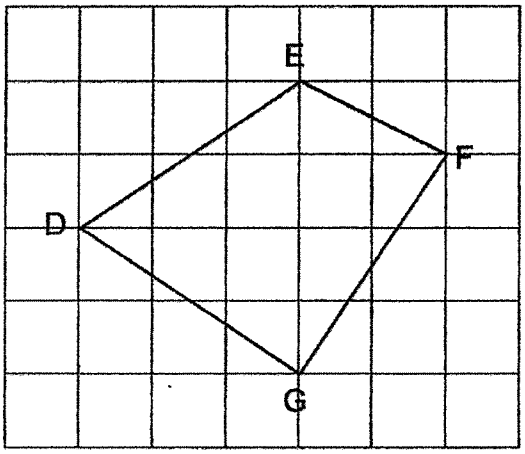
7. Find the area of the triangle.



(1) 105 cm^2
(2) 85 cm^2
(3) 84 cm^2
(4) 60 cm^2

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8. Study the diagram below. Which one of the following statements is true?



(1) DE is parallel to FG.

(2) EF is parallel to GD.

(3) EF is perpendicular to FG.

(4) FG is perpendicular to GD.

9. $8 \times \frac{1}{6} + ____ \times \frac{1}{6} + \frac{1}{6} = 39 \times \frac{1}{6}$

(1) 30

(2) $\frac{13}{2}$

(3) $\frac{29}{3}$

(4) 5

10. Find the value of $6 + 15 \div (3 - 2 \times 0)$.

(1) 21

(2) 11

(3) 7

(4) 0

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11. 3 thousands + 1 hundred + 6 tenths + 3 hundredths is ☐ .
What is the missing value in the box?

(1) 3 160.3
(2) 3 160.03
(3) 3 100.63
(4) 3 100.063

12. The sum of two decimals is 30. Their difference is 5.6 .
What is the smaller decimal?

(1) 12.2
(2) 17.8
(3) 24.4
(4) 35.6

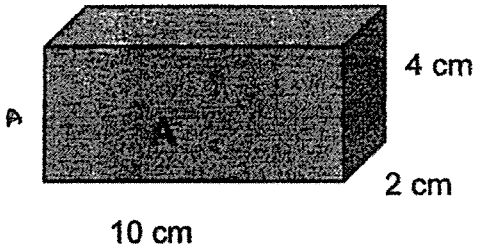
13. Chandra had 90¢, En Hao had $1.20 and Fiza had $3.
Find the ratio of the amount of money Fiza had to the amount of money En Hao had to the amount of money Chandra had.

(1) 30 : 40 : 1
(2) 10 : 4 : 3
(3) 3 : 4 : 10
(4) 1 : 40 : 30

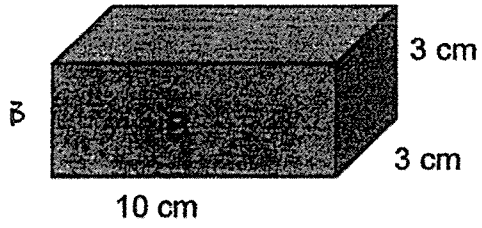
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14. Helen wants to pack one hundred 1-cm cubes into a container.
She wants to have the least amount of space leftover inside the container after the cubes have all been placed in it.
Which of the containers, A, B, C or D, is the best fit?

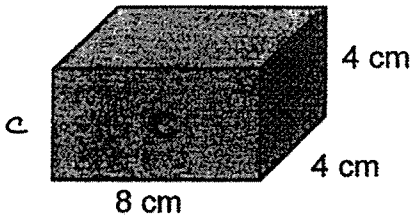
(1)



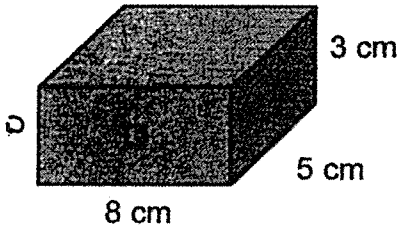
(2)



(3)

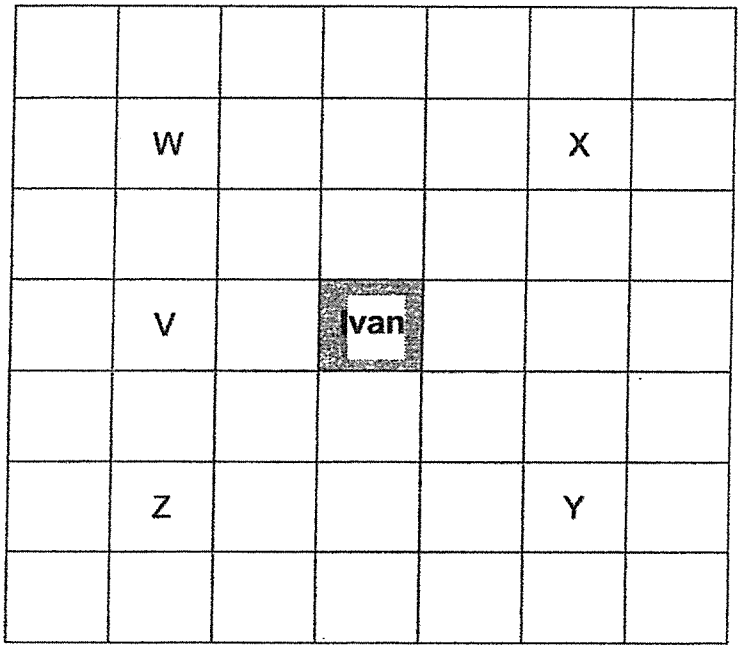


(4)



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15. After making a $\frac{3}{4}$ turn clockwise and then a $\frac{1}{2}$ turn anticlockwise, Ivan was facing Z. Where was he facing at first?



(1) V
(2) W
(3) X
(4) Y

- End of Booklet A -

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2021 PRIMARY 5 PRACTICE PAPER 1

Name: _____( ) Date: _____

Class: Primary 5 ( )

Parent's Signature: _____

MATHEMATICS

PAPER 1

(BOOKLET B)

25

INSTRUCTIONS TO CANDIDATE

1. Write your name, class and register no.
2. Do not turn over this page until you are told to do so.
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4. Answer all questions.
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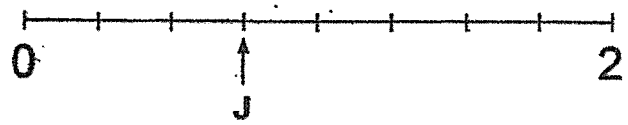
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Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

16. Subtract $1\frac{1}{5}$ from $3\frac{3}{8}$.

Ans: _____

17. Write down the decimal represented by the letter J in the number line.



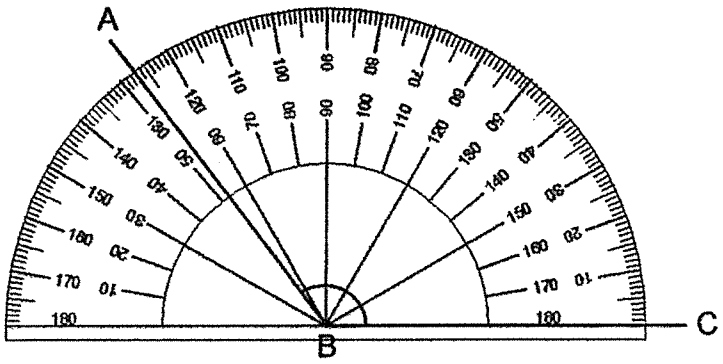
Ans: _____

18. Express 106 minutes in hours. Give your answer in the simplest form.

Ans: _____ h

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19. Write down the size of ∠ABC.



Ans: _____ °

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20. Study the following number pattern.

70, 71, 72, 71, 70, 70, 71, 72, 71, 70, 70, 71, 72, 71, 70, ...

What is the 1004th number in the pattern?

Ans: _____

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Questions 21 to 30 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. **(20 marks)**

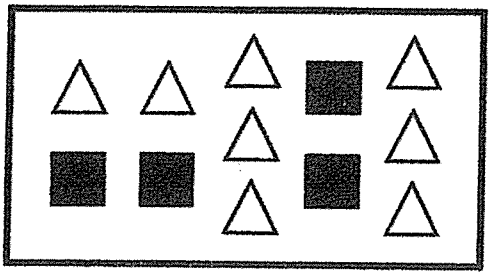
21. The table shows the prices of 5-room flats in some towns.

Town	Prices
Bedok	$575 000
Clementi	$728 000
Kallang	$652 500
Marine Parade	$730 000
Tampines	$525 000

What is the difference between the highest price and lowest price?

Ans: $_____

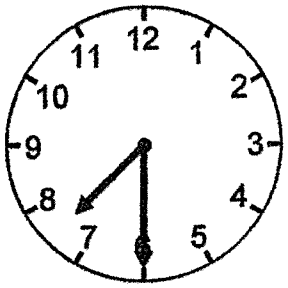
22. How many triangles must be removed from the diagram below so that the ratio of the number of triangles to the number of squares becomes 3 : 2?



Ans: _____

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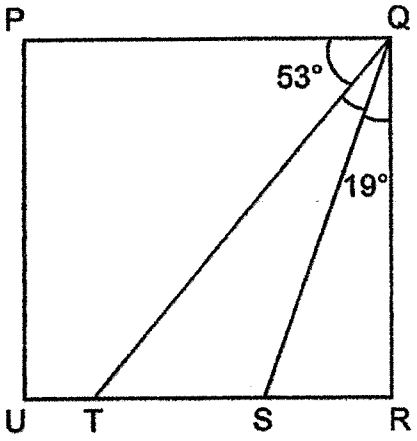
23. Gopal started his training in the morning at the time shown below.
He stopped $5\frac{1}{2}$ h later. What time did Gopal's training end?
Give your answer in 24-hour clock.



Ans: _____ _____

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24. PQRU is a square. Find ∠SQT.



Ans: _____°

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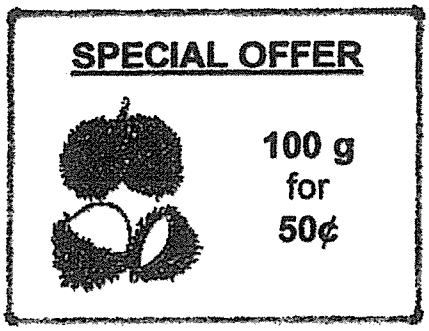
25. 7 654 321 = ☐ − 321

Give your answer correct to the nearest 1000.

Ans: _____

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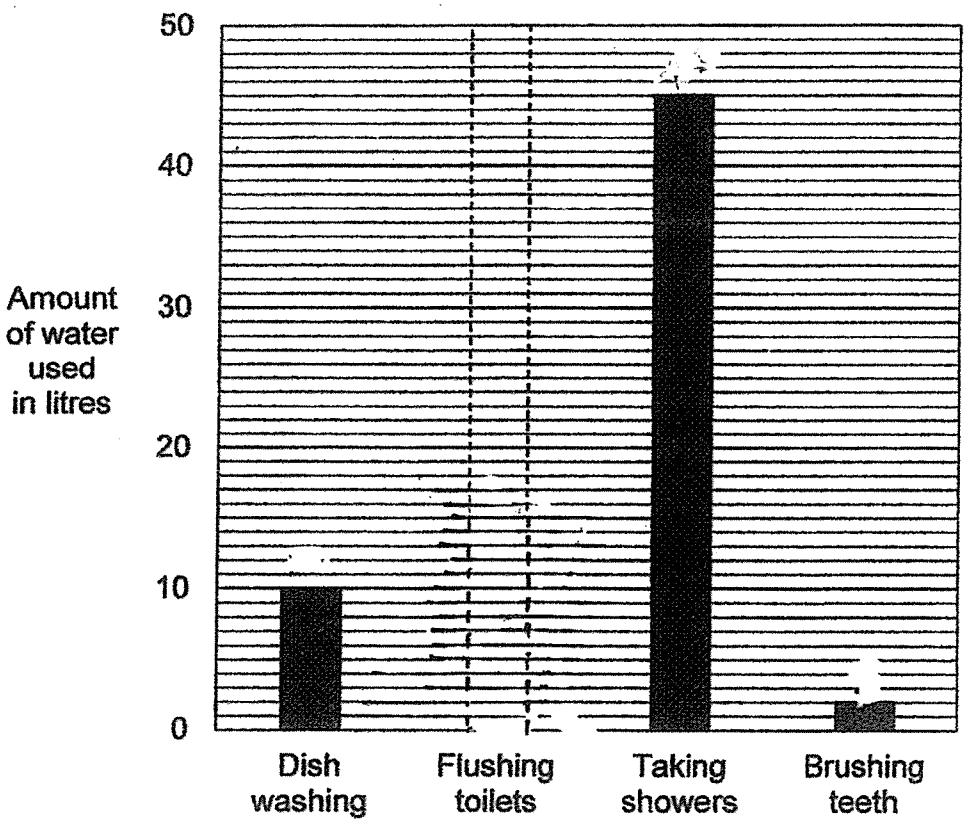
26. Refer to the advertisement below. How much does 1.2 kg of rambutans cost?



Ans: $_____

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27. The bar graph shows how a household used 72 ℓ of water for 4 activities. Complete the bar graph by showing the amount of water used for flushing toilets. Draw the lines clearly and shade your answer.



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28. An Kang bought 3 kg of grapes. He ate $\frac{1}{2}$ kg of grapes and his brother ate $\frac{1}{4}$ of the grapes. How much grapes were left?

Ans: _____ kg

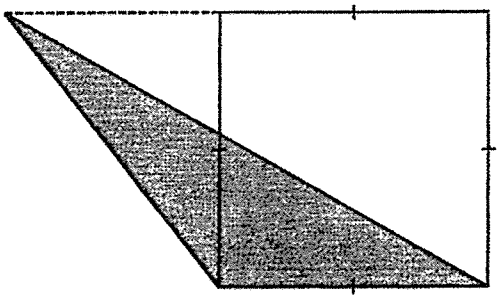
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29. Nadia's mass is 29.7 kg. She is twice as heavy as her brother. Find the mass of her brother.

Ans: _____ kg

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30. The area of the triangle is 18 cm^2. Find the length of one side of the square.



Ans: _____ cm

End of Booklet B

End of Paper 1

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2021 PRIMARY 5 PRACTICE PAPER 2

Name: _____( ) Date: _____

Class: Primary 5 ( )

Parent's Signature: _____

MATHEMATICS

PAPER 2

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INSTRUCTIONS TO CANDIDATE

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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. Study the following letters. Write down the letters with only 1 line of symmetry.

C E H S T

Ans: _____

2. The total time taken by the first two runners to complete a race was 3 min 46 s. The champion finished the race 2 s faster than the runner in the second place. How long did the champion take to complete the race?

Ans: _____ min _____ s

3. Minghua, Nila and Omar shared the cost of a gift. Omar paid $8.85 and Minghua paid $7.90. Nila and Omar paid twice as much as Minghua. How much did Nila pay?

Ans: $_____

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4. Find the sum of all the even numbers less than 50.

Ans: _____

---

5. Pansy had some beads. She used $\frac{7}{10}$ of them to make a necklace and gave $\frac{2}{9}$ of the remainder to her sister.

What fraction of her beads was given to her sister?
Give your answer in the simplest form.

Ans: _____

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For questions 6 to 17, show your working 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. (45 marks)

6. There were 40 people on a bus.
The ratio of the number of adults to the number of children was 1 : 7.

(a) How many adults were there?

(b) There were 3 more girls than boys.
Find the ratio of the number of boys to the number of girls.

Ans: (a) _____ [1]

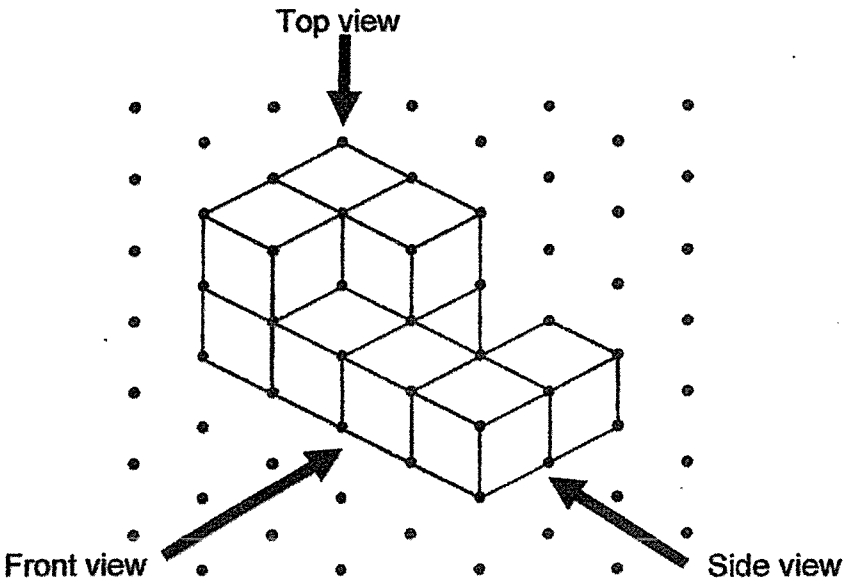
(b) _____ [2]

7. The mass of a container with 2 basketballs and 3 footballs is 7.5 kg.
The mass of the same container with 4 basketballs and 5 footballs is 9.58 kg.
Find the mass of the container with 1 football.

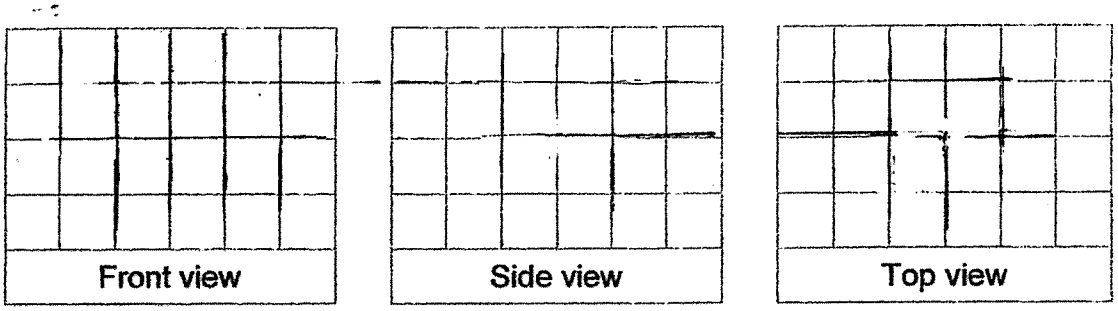
Ans: _____ [3]

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8. The solid below is made up of unit cubes.



Using the square grids below, draw the top view, side view and front view of the solid. [3]



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9. Machine A makes 9 cups of coffee in 4 minutes.
Machine B makes 1 cup of coffee in 2 minutes.
In 1 hour, how many more cups of coffee does Machine A make than Machine B?

Ans: _____ [3]

---

10. To decorate some presents, Quan Yu bought 2 rolls of ribbon.
Each roll contains 9 m of ribbon. Quan Yu decorates each present with a piece of 70-cm long ribbon. How many presents can Quan Yu decorate?

Ans: _____ [3]

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11. The perimeter of the square and rectangle is 216 cm.
The ratio of the area of the rectangle to the area of the square is 3 : 1.

(a) Find the breadth of the rectangle.

(b) Find the ratio of the perimeter of the square to the perimeter of the rectangle. Give your answer in the simplest form.

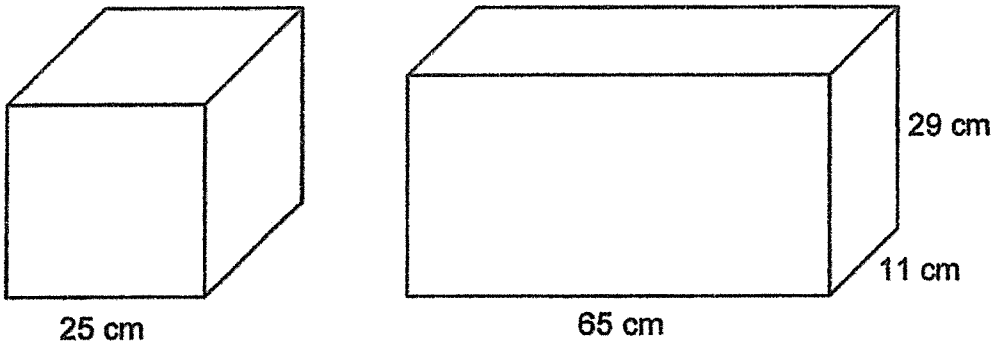


Ans: (a) _____ [2]

(b) _____ [2]

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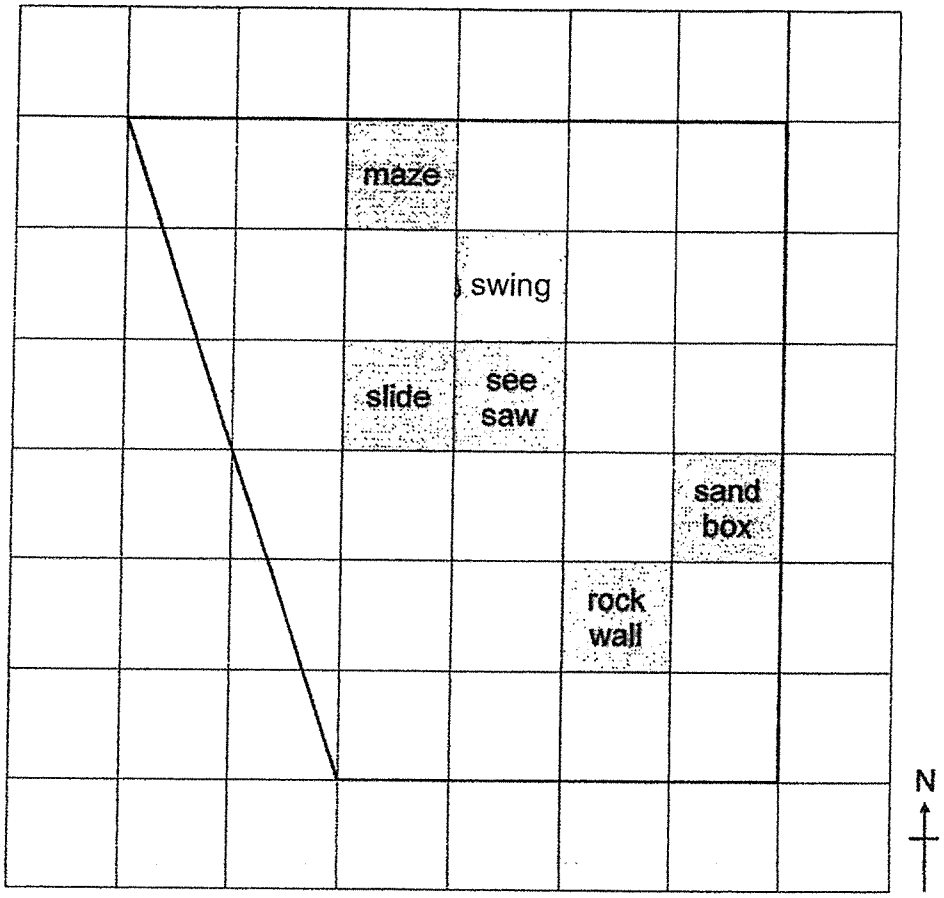
12. A cubical tank is filled to the brim with water.
All the water is poured from the cubical tank into the rectangular tank.
How much more water is needed to fill the rectangular tank to its brim?
Give your answer in litres.



Ans: _____ [4]

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13. The perimeter of a playground is shown on the square grid.



(a) Find the area of the playground. Give your answer in square units. [2]

(b) Name the equipment that is southeast of the swing. [1]

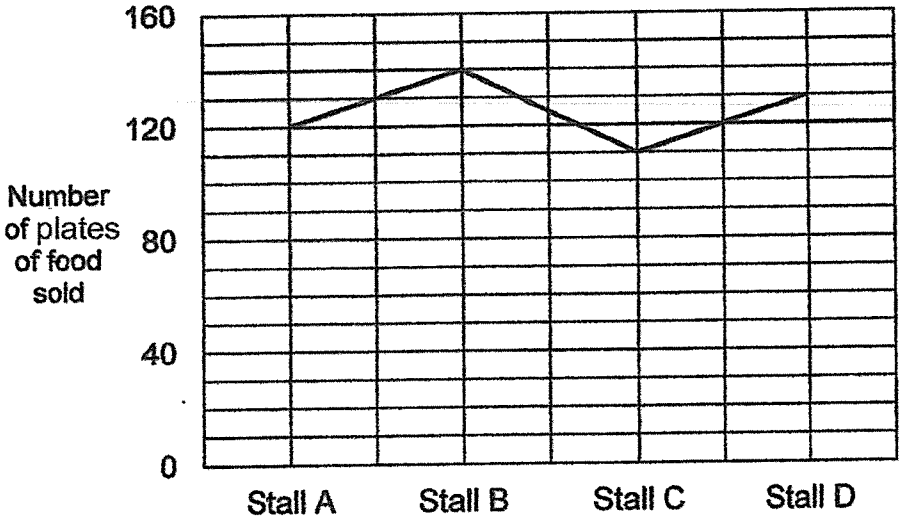
(c) Reyah's mother is watching over her under a shelter at the playground. The shelter is to the west of the sand box and northwest of the rock wall. **Mark** the shelter with '**X**' on the square grid. [1]

Ans: (a) _____ [2]

(b) _____ [1]

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14. The line graph shows the number of plates of food sold at 4 stalls on Monday.



The table below shows the price of each plate of food sold.

Stall	Price of 1 plate of food
A	$2.50
B	$2.40
C	$2.90
D	$2.45

(a) Find the difference in the earnings received from the food sold between Stall A and Stall D.

(b) Each statement below is either true, false or not possible to tell from the data given.
For each statement, put a **tick (✓)** in the correct column. [2]

	Statement	True	False	Not possible to tell
(i)	Stall C sold the least number of plates of food on Monday.			
(ii)	Stall B sold 980 plates of food in a week.			

Ans: (a) _____ [2]

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15. Trish spent a total of 7 h in one week reading.
Each day, Trish spent 10 minutes more than the previous day reading.
How long did Trish spend reading on the fifth day?
Give your answer in hours.

Ans: _____ [4]

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16. Weiming had 100 more guppies than angelfish.
He gave his brother $\frac{4}{5}$ of his guppies and $\frac{1}{2}$ of the angelfish.

He then had 90 fish left.

Find the total number of fish Weiming had at first.

Ans: _____ [5]

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17. Meiling used grey and white beads to make figures that form a pattern.

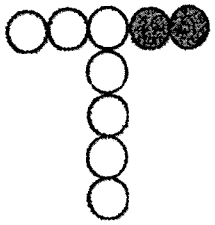


Figure 1

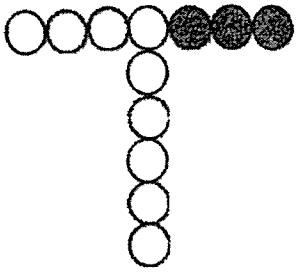


Figure 2

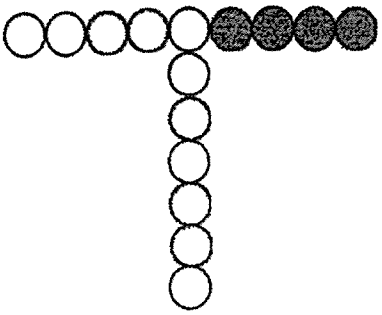


Figure 3

Figure 4

(a) **Draw Figure 1**. [1]

(b) Fill in the missing numbers in the table. [1]

Figure	Number of grey beads	Number of white beads	Total number of beads
1			
2	2	7	9
3	3	9	12
4	4	11	15
5	5		

(c) How many beads were used for **Figure 10**? [1]

(d) Meiling made a figure using a total of 45 beads. Which **figure** is this? [2]

Ans: (c) _____ [1]

(d) **Figure** _____ [2]

End of Paper 2

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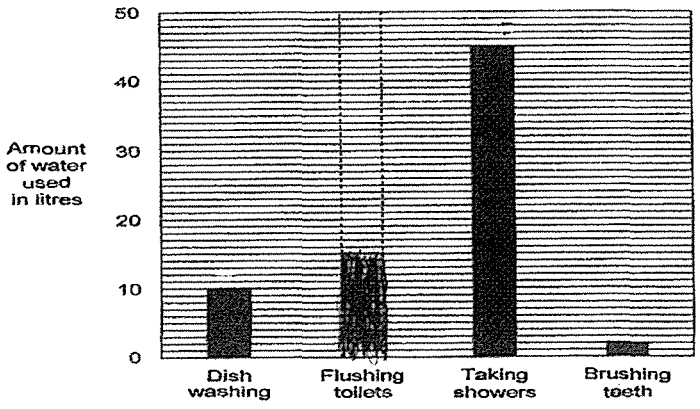
ANSWER KEY

YEAR : 2021
LEVEL : PRIMARY 5
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : PRACTICE PAPER 1

BOOKLET A

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

BOOKLET B

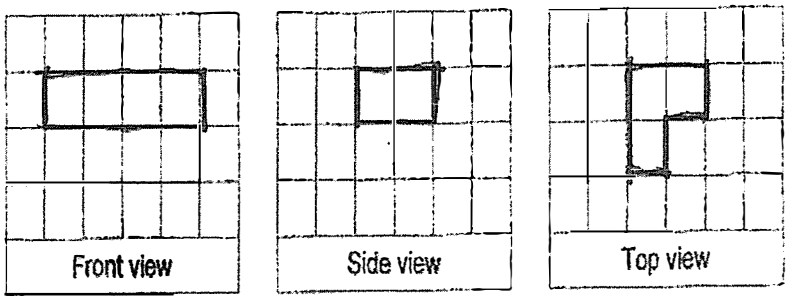
Q16	$3\frac{3}{8}-1\frac{1}{5}=3\frac{15}{40}-1\frac{8}{40}=2\frac{7}{40}$
Q17	0.75
Q18	$1\frac{23}{30}$
Q19	127°
Q20	71
Q21	730000−525000=$205000
Q22	2
Q23	13 00
Q24	18°
Q25	7655000
Q26	$6
Q27	
Q28	$\frac{1}{4}\times 3kg=\frac{3}{4}kg$ $3-\frac{1}{2}\frac{3}{4}=3-\frac{2}{4}\frac{3}{4}=1\frac{3}{4}$
Q29	14.85
Q30	18×2=36 30=6×6 ans:6cm

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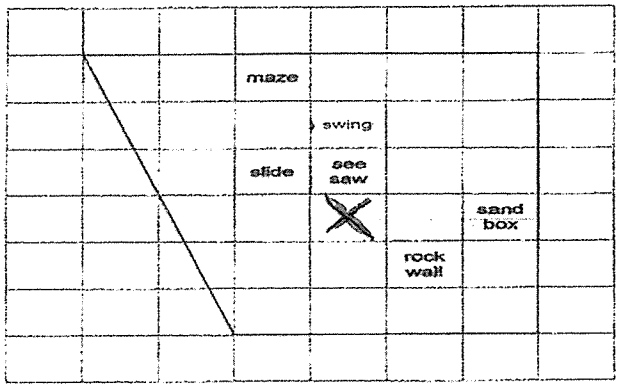
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ANSWER KEY

YEAR : 2021
LEVEL : PRIMARY 5
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : PRACTICE PAPER 2

Q1	CET
Q2	3 min 46s−25=3 44s 3 min 44s÷2=1 min 52s
Q3	\$7.90×2=\$15.80 \$15.80−\$8.85=\$6.95
Q4	24÷2=12 12×50=600
Q5	$\frac{1}{15}$
Q6	7+1=8 8u=40 1u=40÷8=5 40−5=35 35−3=32 32÷2=16 16:19 a)5 adults b)16:19
Q7	9.58−7.5=2.08kg 7.5−2.08=5.42kg The mass of the container with 1 football is 5.42kg
Q8	
Q9	60÷4=15 15×9=135 60÷2=30 30×1=30 135−30=105

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	105 more cups of coffee
Q10	900÷70=12.857 =12 presents 12×2=24 Quan Yu can decorate 24 presents
Q11	(a)216÷12 =18 (b)18¥4 : 18×8 72:144 1:2
Q12	(65×11×29)−(25×25×25) = 5110cm^3
Q13	a)½×2×6=6 4×6=24 b)24+6=30 cm^2 sandbox 
Q14	a)$2.50×120=$300 $2.45×130=$318.50 $318.5−$300=$18.50 b)(i)True✔ (ii)Not possible to tell✔
Q15	21×10=210 420−210=210 210÷7=30 4×10=40 30+40=70 =$1\frac{1}{6}$h
Q16	7u=90−20=70 1unit=70÷7 =10 10+10=20 20×10=200

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	200+100=300

Q17	a)



Figure 1

b)

Figure	No. of grey beads	No. of white beads	Total No. of beads
1	1	5	6
2	2	7	9
3	3	9	12
4	4	11	15
5	5	13	18

45−6=39
39÷3=13
13+1=14
18−9=9
9×3=27
27×6=33
c)33
d)Figure 14

4
END

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