

### INSTRUCTIONS TO PUPILS

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Shade your answers in the Optical Answer Sheet (OAS) provided.

}

5. The use of calculators is NOT allowed.

Name: \_\_\_\_\_(

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Class: Primary 6 (

is,

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)

1 Round 748 850 to the nearest hundred.

- (1) 748 800
- (2) 748 900
- (3) 748 950
- (4) 749 000

2 10 hundredths and 75 thousandths is \_\_\_\_\_

- (1) 0.085
- (2) 0.175
- (3) 0.760
- (4) 0.850

٠

3 In the number line below, what is the value of Y as indicated by the arrow?



#### 4 Which pair of lines in the square grid are parallel?



- (1) AH and BE
- (2) Gl and AC
- (3) AB and HF
- (4) BD and EF

## BCE and DAB are straight lines. Find ∠DAC.



- (1) 148°
- (2) 94°
- (3) 86°
- (4) 62°
- 6

5

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PORS is a trapezium and RSTU is a parallelogram.





- (1) ∠QPT and ∠PTU
- (2) ∠TSR and ∠UTS
- (3) ∠TUR and ∠TSR
- (4) ∠PQU and ∠URS

...

# 7 Which two of the following are nets of a cube?



- (1) A and B
- (2) A and C
- (3) B and C
- (4) C and D

8

Huiling had \$z. Ravi had twice as much money as Huiling. Jas had \$5 more than Ravi. If Jas had \$10, how much money did Huiling have?

• .

- (1) \$30
- (2) \$7.50
- (3) \$3
- (4) \$2.50

9 The pie chart shows the number of four types of drinks sold in the school canteen.



Which bar graph best represents the information in the pie chart?



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10 Which of the following is likely to be the length of a bench in the school canteen?



- (1) 1.8 cm
- (2) 18 cm
- (3) 1.8 m
- (4) 18 m

11 Which of the following fractions is closest to  $\frac{4}{5}$  ?







Christine stands at a location south-west of her house and east of a building. When facing south-east from Christine's location, she sees a building. What is that building?

- (1) Building W
- (2) Building X
- (3) Building Y
- (4) Building Z

### 13 What is the length of the pencil shown below?



(1) 5.2 cm

.

- (2) 5.4 cm
- (3) 5.6 cm
- (4) 10.7 cm

•

14 Viv, Wendy and Xinyl each had some beads. They each used the same number of beads to make a necklace. Viv used  $\frac{1}{3}$  of her beads, Wendy used  $\frac{7}{8}$  of her beads and Xinyl used  $\frac{3}{4}$  of her beads. What was the ratio of the number of beads Viv had at first to the number of beads Wendy had at first to the number of beads Xinyl had at first?

(1)3 1 7 (2) 3 \* 8 • 4 (3) 8 : 21 : 18 24 28 (4) 63 \*

15 The first 7 numbers of a number pattern are given below.

4, 16, 8, 32, 16, 64, 32, ... 1<sup>st</sup> 7<sup>th</sup>

What is the 13<sup>th</sup> number?

- (1) 128
- (2) 256
- (3) 512
- (4) 1024

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- 2. Follow all instructions carefully.
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- 4. Write your answers in this booklet.
- 5. The use of calculators is NOT allowed.

Name:\_\_\_\_\_(

Class: Primary 6 ( )

**Booklet B** 

)

/ 25

Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

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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 Mr Ahmad had 2 bags of marbles. One of the bag contained 6 red marbles and 3 blue marbles. The other bag contained 2 red marbles and 4 yellow marbles. What fraction of the total marbles from both bags were red marbles?

Ans:

17 Find the value of 3.707 L+ 1.373 L Express the answer in litres and millilitres.

Ans: \_\_\_\_\_ t \_\_\_\_ ml

**18** There are 5 shaded squares in the figure. Shade 5 more squares to form a symmetric figure with XY as the line of symmetry.



**19** The solid below is made up of 1-cm cubes. What is the volume of the solid?



Ans: \_\_\_\_\_ cm<sup>3</sup>

20 Parminder stacked 14 unit cubes and glued them together to form the solid below.



Draw the side view of the solid on the grid below.

Side View

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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 A faulty traffic light had its red light blinking every 2 seconds, its amber light blinking every 3 seconds and its green light blinking every 8 seconds. If all three lights blink now, how many seconds later will they all blink together again?

Ans:

\$

- 22 Mr Liew paid \$78.59 for a pair of shoes and \$19.90 for a towel.
  - (a) How much did he spend allogether? Round the answer to the nearest dollar.

~

Ans: (a) \$\_\_\_\_\_

(b) Find the cost of 30 such towels.

Ans: (b) \$\_\_\_\_\_

23 A day camp lasted 8 h 20 min. The day camp started 1 h 45 min before the snack break. Snack break was at 11.30 a.m. What time did the day camp end? Give your answer in 24-hour clock.

Ans: \_\_\_\_\_

24 In 2021, Maggie saved 20% of her monthly salary of \$3000 each month. In 2022, Maggie received an increase in her monthly salary and she saved \$180 more per month. What was the percentage increase in Maggie's monthly savings?

Ans: \_\_\_\_\_%

25 There were 1338 big buns and 7982 small buns in a factory. The buns were packed into bags. Each bag contained 1 big bun and 6 small buns. What was the greatest number of bags that could be packed?

Ans: \_

28 Mrs Chen sold  $\frac{1}{3}$  of her apples on Monday. She sold  $\frac{2}{3}$  of the remaining apples on Tuesday. Mrs Chen had 14 apples left after selling apples on Monday and Tuesday. How many apples did Mrs Chen have at first?

Ans: \_

27 Mary had a roll of ribbon with a total length of 1 m. She cut off  $\frac{1}{5}$  m of the ribbon. The remaining length of the ribbon was cut into shorter pieces of length  $\frac{1}{8}$  m each. At most, how many pieces of  $\frac{1}{8}$  m long ribbon did Mary have in the end?

35....

Ans:

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28 In the figure below, KLMN is a trapezium and LM is parallel to KN.  $\angle$ LMN = 48° and  $\angle$ MNK is  $\frac{3}{2}$  times of  $\angle$ MLK. Find  $\angle$ MLK.





29 ABEF and BCDE are parallelograms.  $\angle$ FAB = 114° and  $\angle$ EBC = 78°. Find  $\angle$ DEF.





30 Pam Bakery uses m kg of sugar each month. Pam Bakery uses 30 kg more sugar than Sweet Bakery each month. If m = 100, how many kilograms of sugar do Pam Bakery and Sweet Bakery use in total for one year?



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End of Paper

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1. Do not turn over this page until you are told to do so.

2. Follow all instructions carefully.

3. Answer all questions.

4. Write your answers in this booklet.

5. The use of an approved calculator is allowed.

Name:\_\_\_\_\_(

Class: Primary 6 ( )

Parent's Signature:

Booklet A	/ 20
Booklet B	/ 25
Paper 2	/ 55
Total	/ 100

}

Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

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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 The original price of a book was \$k. David bought 15 such books. After he was given a discount of \$10, he paid a total of \$110. What was the original price of one such book?

Ans: \$\_\_\_\_\_

2 The table below shows the charges for renting a bicycle.

	Days	Time	Charge	
2	Mon to Fri	7 a.m. to 5 p.m.	\$4 per hour	
		5 p.m. to 9 p.m.	<b>\$8 per hour</b>	
	Sat and Sun	7 a.m. to 9 p.m.	\$12 per hour	

On Friday, Mr Wu rented a bicycle and returned it at 6 p.m. He paid a total of \$24. For how many hours did he rent the bicycle?

Ans: \_\_\_\_\_\_h

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3 Ji Min saved some money in April. She saved \$2.50 per day for 20 days. She then saved \$3.10 per day for the rest of the month. What was the average amount of money she saved per day in April? (There are 30 days in April.)

Ans: \$\_\_\_\_\_

4 Dana bought an oven from Shop A at 15% discount during a sale. The price of the oven was \$800 before discount at Shop A. Halley bought an identical oven from Shop B at 20% discount and paid the same amount as Dana. What was the price of the oven before discount at Shop B?

Ans: \$

5 The figure is formed by 5 straight lines DF, EH, EG, FH and DG. Find ∠EHF.





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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 In the square grid below, AB and BC are straight lines.
  - (a) AB and BC form two sides of a rhombus ABCD. Complete the drawing of the rhombus ABCD. [1]
  - (b) AB elso forms one side of a trapezium ABEF. AB is parallel to EF. The length of EF is twice the length of AB. DAF forms a straight line and AD = AF. Complete the drawing of trapezium ABEF such that it does not overlap with the rhombus. [2]



7 Peter had \$18.20 less than Jane at first. After Jane gave some of her money to Peter, he had \$29.20 more than her. How much money did Jane give to Peter?

- ----

. . . . .



Kina had a roll of blue paper and a roll of red paper. The length of the roll of blue paper is  $\frac{1}{2}$  the length of the roll of red paper. She cut the roll of blue paper into equal parts of length 9 cm and on each part she drew 3 star shapes. After that, she cut the roll of red paper into equal parts of length 7 cm and on each part she drew 5 heart shapes. What fraction of the shapes Kira drew were star shapes?

8

	Ans:	R	)]
 6			

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9 Four towns A, B, C and D collected plastic bottles to be recycled. Town A and B collected an average of 324 plastic bottles. Town B, C and D collected an average of 344 plastic bottles. The total number of plastic bottles collected by all 4 towns was 6 times the number that town B collected. How many plastic bottles did town B collect?

Ans:

[3]

10 Mr Toh left Town B and drove to Town C at 11 a.m. at a constant speed of 60 km/h. Mr Lee left Town A at 12 noon and drove to Town C at a constant speed of 80 km/h. Town A and Town B were 15 km apart. After travelling from Town A to Town B, Mr Lee then travelled to Town C along the same route as Mr Toh. At what time did Mr Lee catch up with Mr Toh?





11 Tank Y and Tank Z are two rectangular tanks. At first, Tank Y contained some water to a height of 42 cm and Tank Z was empty.



(a) What was the volume of the water in Tank Y at first?

Ans: (a) \_\_\_\_\_ [1]

۰.

(b) Kanthea poured some water from Tank Y into Tank Z. After that, Tank Y had  $\frac{2}{5}$  as much water as Tank Z. Find the height of the water level in Tank Z.

Ans: (b) [3	[3]
-------------	-----

12 A rectangular block A was cut along the dotted line into two smaller rectangular blocks of equal height, B and C, as shown below. The volume of block B was 4752 cm<sup>3</sup> less than that of block C.



(a) What was the height of each block?

Ans: (a) \_\_\_\_\_ [2]

(b) Matthias packed 12 of block C such that they fit exactly into a box with a square base. The box had the same height as block C. At most, how many of block B can be packed into such a box?

[2] Ans: (b)
13 JI Eun filled a tank with water using two taps, Tap A and Tap B. She turned on Tap A first. After 10 minutes, she turned on Tap B. Both taps were turned off at the same time when the tank was completely filled. The graph below shows the amount of water in the tank over 45 minutes.



- (a) What was the capacity of the tank?

Ans: (a) \_\_\_\_\_ [1]

(b) How many litres of water flowed from Tap B per minute?



- 14 Mariam had some gold, some silver and some copper tokens for a carnival. The ratio of the number of gold tokens to the total number of silver and copper tokens was 10:9. The ratio of the number of silver tokens to the number of copper tokens was 3:1. She exchanged 12 gold tokens for a stuffed toy and some silver tokens for a jar of marbles. In the end, the ratio of the number of gold tokens to the number of copper tokens to the number of silver tokens to the number of copper tokens became 4:1 and the ratio of the number of silver tokens to the number of copper tokens became 4:3.
  - (a) What was the ratio of the number of gold tokens to the number of silver tokens to the number of copper tokens Mariam had at first?

Ans: (a) \_\_\_\_\_ [1]

(b) How many sliver tokens did Mariam exchanged for the jar of marbles?

Ans:	(b)	[3]
12		

15 ABC is a triangular piece of paper with AB = AC.  $\angle BAC = 95^{\circ}$ . AEB and BDC are straight lines. The paper is then folded along the line DE as shown below.



**Before folding** 



(a) Find ∠x.

Ans: (a) \_\_\_\_\_ [2]

(b) Find  $\angle y$ .

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16 A shop sells four types of muffin. The bar graph shows the number of each type of muffin sold by the shop. The bar for the number of banana muffins sold has not been drawn. The number of banana muffins sold was  $\frac{3}{5}$  the number of vanilla muffins sold.



(a) How many banana muffins were sold?

(b) The table below shows the prices of the multins.

.Cer

Type of multin	Price per muffin
Chocolate	\$0.85
Vanilla	\$0.70
Strawberry	\$1.35
Banana	\$1.20

From the sales of which type of multin did the shop collect the most money? What was the amount of money?

Ans:	(b)	Muffin:	
rvia.	(M)	anartesse er	

Amount: \_\_\_\_\_ [2]

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

Statement	True	Faise	Not possible to tell
The number of chocolate muffins sold was 62.			
The ratio of the number of strawberry muffins sold to the number of strawberry muffins left unsold was 3 : 2.			
The shop sold 46 boxes of 5 muffins.			
<mark>an la candida da manana ana ana ana ana ana ana ana ana</mark>	S		[2]

17 The figure below is made up of a semicircle, 2 identical quarter circles and 2 identical right-angled isosceles triangles, ACB and ACD. CA = CB = CD. O is the centre of the circle. AOC and BCD are straight lines. Find the total area of the shaded parts. (Take  $\pi = 3.14$ )



# End of Paper



PRELIMINARY EXAMINATION 2022

### PRMARY 6

# MATHEMATICS PAPER 1

(BOOKLET A)

Total Duration for Booklets A and B: 1 hour

Additional materials: Optical Appyor Sheet (GAS)

## INSTRUCTIONS TO PUPILS

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   Follow all termodoris carefully.
   Answer all questions.
   Sharke your ensures in the Optical Answer Sheet (CAS) provided.
   The use of calculators is <u>MOT</u> allower.

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(4	749-058					<b>(</b> -)	

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( <b>7</b> )	0.176	- 010 + 9-015	
(4)	6.780	= 0.175 (46) (2	5
(4)	0,850		1



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APOU and ASRS

T Which two of the following are note of a cobet



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60 18m

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Which of the Sile



Which has graph been supremule the information in the pie chart?



12 The equips get above the pedicus of the belieftigs U, V, W, X, Y and Z.

8



Chépine elunde at a localion soull-west of her house and fast of a highing. When facing soull-east from Christine's localico, the wess a highing. What is that building?

- (1) Đulking W (2) Đulking X
- (z) acumāry
- 0
- (4) Building Z
- .

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(3)



4



(4) 10.7 68

14 Vie, Wandy and Negl each bad ecces bands. They each used the segme eccester of beacter to make a peoplery. Vie used  $\frac{1}{3}$  of her bands. Wind, Wendy used  $\frac{7}{8}$  of her beads and Xinji used  $\frac{3}{4}$  of her beads. Wind was the calls of the combar of beads Vie had at that is the combar of

conde theory had at that to the sumber of beads Anyi had at \$1507

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<b>C</b>	\$	2	21	:	15	V TAB = 240
60	Ч	;	24 ¥	\$	28 XY	(4)

### 3 The first 7 monitors of a muniter pathern gra pixen balans.

What is the 13<sup>rd</sup> sumber?

(1)	125	13th - 2 add number.
( <b>A</b> )	208	use poten
<b>(</b> )	512	-4,8,14, 21 ged 532
(9	1824	(3·4)> 4×2×2×2×2×2×2
		2 4×54
		* 25 ( 2)

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PRÉLIMINARY EXAN 2022	INATION	
PRIMARY 6		
MATHEMATIK PAPER 1 (BOOKLET B		
Total Oursilon for Booklets A	and B: 1 hour	
INSTRUCTIONS TO PUPILS		
1. On not turn over this page unit you are told to 2. Follow all instructions carefully. 3. Answer all instructions. 4. Write your enswars in this bookst. 5. The use of calculators is <u>MOT</u> silowed.	10 do 110.	
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Coundone 14 in 28 carry 1 mark each. Wills your excessore in 2m apaces provided. For questions which require usin, give your environ is the only finited. (§ marks)

18 Mr Aleman Lund 2 bages of membras. One of the bag contained 6 red membras and 5 blue searching. The other bag contained 2 red machines and 4 yellow searching. What fueling of the blue searchine from both bage means and membras. What fueling of the blue searchine from both bages means and membras.

$$\frac{\text{Red}}{\text{fotal}} = \frac{6+2}{(+3+2+4)} + \frac{8}{5}$$
(ans)

Ane 15

17 Fold the value of 3,707 (+ 1,373 ( Poppose the account in lives and raililities,

3-107+ (-573 = 5.080

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5080 /= 5280ml (mx)

Anx 5 1 80 ml

18 There are 6 shaded squares in the ignue. Sincle 6 show equipes to facts a symmetric figure with XY as its line of symmetry.



18 The solid below is stade up of 1-cm orbon. What is the volume of the solid?



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21 A Justy holls light and in red lips history every 2 seconds, in earlier light billing every 2 seconds and its grean light billing every 2 seconds. Full lives lights filled such to wreavy seconds later will itsy all blick liquits spain?

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$$2 \longrightarrow 1, 4, 6, 8, 10 \dots 20, 22, 49
3 \longrightarrow 3, 6, 9, 12 \dots 19, 21, 49
8 \longrightarrow 8, 14, 49
(ms)$$

22 Mir Line paid \$78.50 for a pair of shoes and \$10.00 for a lovel.

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(c) How much did his spind allogisher? Round the anatom to the meaned define.

AN (M) 198\_

(b) Find the cost of 30 such tomate.

\$19-90×30 = \$19.90×3×10 = 45970×10 = \$597 (45)



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34 In 2021, Mapple numer 20% of her monthly adapt of 50000 such month. In 2022, Mapple received an increase is her worthly adapt and the venuel \$100 mans per month. What was the permutage increases in Mapping monthly antipart.

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28. There were 1990 big have and 7002 seriel in an indext. The base wave packed his bags. Each bag contained it big has suid a sealt base. What were the growing member of bags that could be packed?

Anar 1330

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A1x3=(3(245)

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selling applies on blanday and Tunaday. How many apples and bins

27 Many had a still of dobos with a lotal integrated 1 m. She dot of  $\frac{1}{8}$  as of the dobot. The minimize length of the dobon was out into shorter phases of length  $\frac{1}{8}$  in each. At noise, have many places of  $\frac{1}{8}$  m long above difficulties in the source.

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30 Press Mailary was as by of anyor wich statilly. Prom Distance was a many anyor flow Sweet Statency each matrix. If or = 100, how a <u>Slogeness of sugar do Pane Datancy and Breat Datancy use is that for</u> your?

End of Paper

25 In the Space Salar, (1.14) is a sequence and (1.11) products SSL  $\triangle$  1.161 and  $\triangle$  1010 (1.14)  $\frac{3}{2}$  Second  $\triangle$  1.162. Find  $\triangle$  1.162.

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29 ABEP and BOOR we parallelogeness. ZPAB = 114" and ZEBC = 78". Mod JDEP.

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Please sign and reliom the quantination paper the next day. Any quarks should be raised at the same time when reliaming paper.

3 Ji Min sensed some sensey in April. She used \$2,00 per day for 30 days. She then sensed \$3,10 per day for its met of the senset. When we be average attained of manay she sensed per day in April? (These are 50 days in April.)

20 x 2.50 = 50 10 x 3.10 = 81 50 + 31 = 81 81 ÷ 30 = 2.70

Ane 1 2.70

Dava bought an over them them And 1816 electral desing a sele. The price of the overs was \$500 before discount at Sirop A. Halley bought og Manifest overs then Shap II at 20% discount and paid the sense aproad as Dura. What was the price of the overs before discount at Sirop 87.

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Cuantizate 1 to 5 carry 2 starits each. Show your working chestly and visits your ensures in the spaces provided. For quastions which require units, give your ensures in the units stated. For quastions which require inits, give

The original pice of a book was Sk. David bought 15 stain bucks. Alternations ghave a discount of 910, he paid a lotal of 91 10. What was the original pice of one such book?

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\$24- \$8 = #16 (\$8-+ 14 between Spin and Spin \$16 + \$1=4 (4h beter 5 pm.) () 1+4 =5

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The figure is formati by 5 straight lines DP, 6H, 80, Al and DQ. Final 429#.

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- 8 In the square grid below, All and BC and straight these.
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  - of SF is index the i ngin of Ab. DAT (

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ANK.

20 teas dans Jone at Date. After Jone gene on 15 he had \$24:20 more lines har. How much a af bes w đđ

\$23.70 886

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		A + B	= 2×324 =	64.8
		8 + C	+D = 3×3+4=	032
	- Δ	+ 8+8+6	+D = 641+ 103 = 1680	2
	1	•	= 1680	
3mt			D = 68	
	÷.	8+8+ C+	DtB	
	5	68	+ 3	
	7	78		
	2	1680		
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			240	

\*

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- Sile Yoh left Youri B and deove to Town C at 11 ann. qLa constant spand of 60 km/h. Mr Lee left Your: A at 12 soon and dowe to Youn; C at a constant spand of 40 km/s. Youn A and Youri B wave 15 km spant. After traveling from Youri A to Youn B, Mr Lee then travelind to Youn; C along the same route as bir Yoh. At start lines did Mr Lee calcie up with Mr Tok? 'nИ H 111 -When Mr Lee left Town A at 12 mon. Mr The world be a distance away of :-15 km + (Spender X Timercus) = 15km + (60km/h x 1h) IStan + GOEM ۰. 75 m <u>e</u> Difference is their speed 80 m/h - 60 m/h = 20 mm Time need for Mr Lee to add up : 75m + 20m/h = 37h
- 11 Test Y and Tank Z are two assinguter tanks. At tyst, Tank Y contained and water to a height of 42 cm and Tank Z was empty.



Ane 10 42000 cm3

(b) Kundhana pusanal apana wakar (ross Tank Y Into Tank Z. Aller Ban,

- Turk Y had  $\frac{3}{5}$  as such under as Turk 2. Find the halph of the under local to Turk 2. Tork Y: Turk 2: Tech 2 : 5 : 7 74 -- 42000 ill -9 4000  ill -9 40000 ill -9 4000 ill -9 40000 ill -9 40000
- 12 Eiten tilled a tank solle suiter uning het tape, Tap A mit Tap B. Ske kannaf en Tap A flut. After 10 minutes, she tannel en Tap B. Both tapa sum tannel off at the same fine start the fault was completely films. The graph better shows the answerk of works in the task over 45 minutes.



ing vites the capacity of the test? Tark filled from Act, manufe.

Ann: [4] \_\_\_\_\_202 \_ 10

(b) How many three of contact housed from Top B por solvedor Top A - + 22 is ED mush m bl is 30 min Top A and Top B -> 182 is 30 min Top B mly in 30 min -> 182 - 62 = 122 Top B -> 122 Top B -> 122 Somin = 0.42 /min Mare (D) \_\_\_\_\_ 0.42 [S]





(a) What was the July C if each block?

# 27-5=22

4752 +(12×9)=4752 +198 = 24cm(ans)

Ane (a) \_\_\_\_\_\_ 74 cm \_\_\_\_ 74

64

10

(13) Molifine packed 12 of block 0 each that they R schully let a box with a vigure base. The box had the sense height or block 0. (2) reconciliant packed B can be packed into each a box? (27 x 4px i 2 = 2416 $\sqrt{3.416} = 54$ 9x6=54

Ant: (b)



10K1= 10 54 +10=44

(mis)

14 M a silver ársil s to of the sumber of gold tolance to the total o The **(** The calls of the stat # 10 : E. a de la westigner wert \$ : 1. She and 14 A. -6 62 ar a jar st. - **1** and, the calls of the compary of gold talence to the a bopome 4 : 1 and the suite of the number of all te in the o raf e 6428

as What was the calo of the senter of gold tokens to the souther of show below to the number of support states Madam had at test G. S.C. 35 C. 75 C. 765-4

Anie (a) <u>40:27:9</u> (a)

- (h) Huer energy allow tokace did biovlans, exchangels for the ser of possibles?
- After 6: C S: C 1:3 4:1 surve no change for apper. 12:9 36:9 6: S : C 36 : 12 : 9 404-364=44 44 -> 12 4 -> 1214=3 45 Aner (b) 2 274-124+154 1 54-915×3=45 #
  - 16 A shop usin terr sport of modifie. The bar graph sides the number of each type of modifie and by the side. The bar for the methor of barance modifies and not been drawn. The number of barance modifies and a statistic contact of the interview and a statistic contact.











(b) The table below shows the prices of the resilies.

13

Type of section	Price per resultin
Chrysteine	
Varille	<b>SA.70</b>
Shandoway	1.20
Simologia -	N.20

From the same of which type of multin this the stop collect the most storage. Whet was the amount of money?

蘭

(c) Each of the statements below is other how, false or not possible to tot ten the information given. For such statement, puts that (\*) to Indicate your encoder.



17 The Space balow is table up of a vesticitle, 2 Heritori quarker deduce and 2 standard apple worked incommen through a ACD, DA=02 = CD, Of a five oppins of the data. AOC and BOD are alreight from r = 3.14).



End of Paper