

#### **END-OF-YEAR EXAMINATION** 2021

#### **PRIMARY 5**

#### **MATHEMATICS** PAPER 1 (BOOKLET A)

Total Duration for Booklets A and B: 1 hour

Additional materials: Optical Answer Sheet (OAS)

#### 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:		(	)
Class: Primary 5 (	)		

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	What is	the	place	value	of the	digit	3 in	40.035?
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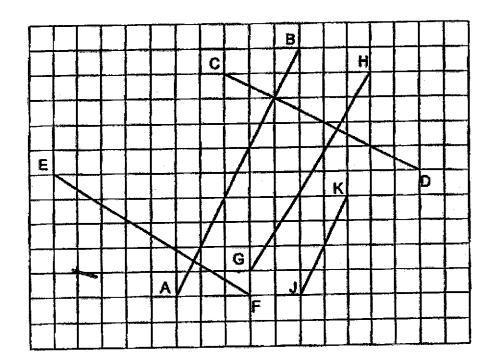
- (1) tens
- (2) ones
- (3) tenths
- (4) hundredths

#### 2 Which of the following is the same as 76 m?

- (1) 760 km
- (2) 7.6 km
- (3) 0.76 km
- (4) 0.076 km

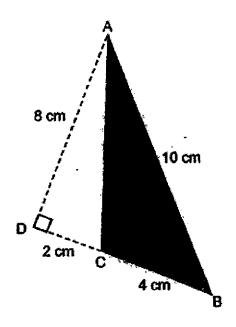
3	What	had 20 red buttons, 12 orange buttons and 32 purple buttons. is the ratio of the number of red buttons to the number of orange as to the number of purple buttons?
	(1)	4: 3: 8
	(2)	5: 3: <b>8</b>
	(3)	5: 8: 3
	(4)	3: 5: 8
4		h can type 100 words in 1 minute. At this rate, how many words she type in 1 hour?
	(1)	600
	(2)	1000
	(3)	6000
	(4)	10 000
5	were	e were 5000 participants in a cross country race. 1000 of them children. What percentage of the participants in the race were ren?
	(1)	5%
	(2)	20%
	(3)	80%
	(4)	500%

- There were 840 toy bricks in a box. Jason used 70% of them to build a castle. How many toy bricks did he use to build the castle?
  - (1) 120
  - (2) 252
  - (3) 588
  - (4) 1200
- 7 Which line in the square grid is parallel to AB?



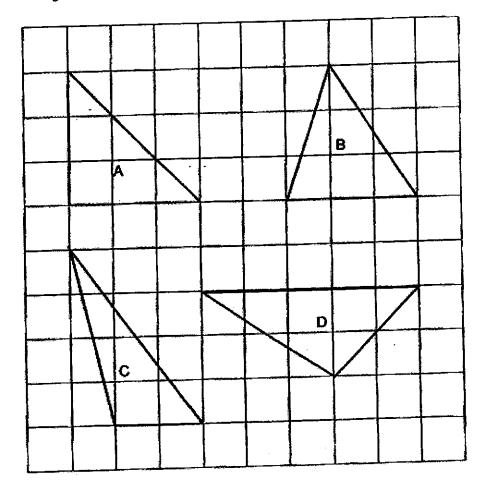
- (1) CD
- (2) EF
- (3) GH
- (4) JK

8 What is the area of triangle ABC?



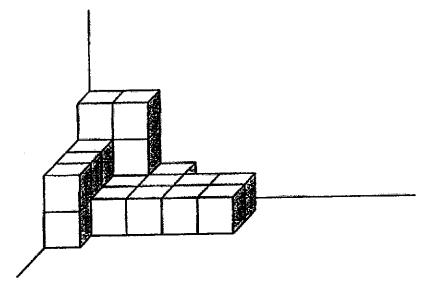
- (1) 16 cm<sup>2</sup>
- (2) 20 cm<sup>2</sup>
- (3) 24 cm<sup>2</sup>
- (4) 32 cm<sup>2</sup>

9 Four triangles A, B, C and D are drawn on the square grid below. Which triangle is an acute-engled triangle?



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

10 The solid below is formed by unit cubes. How many unit cubes are there?



- (1) 16
- (2) 20
- (3) 21
- (4) 30
- 11 Arrange the following fractions from the largest to the smallest.

$$\frac{3}{4}$$
,  $\frac{3}{11}$ ,  $\frac{3}{5}$ ,  $\frac{3}{8}$ 

L	arges	st				S	mallest
	3		3		3		3
(1)	4	,	11	5	5	*	8

(2) 
$$\frac{3}{11}$$
 ,  $\frac{3}{8}$  ,  $\frac{3}{5}$  ,  $\frac{3}{4}$ 

(3) 
$$\frac{3}{4}$$
 ,  $\frac{3}{8}$  ,  $\frac{3}{11}$  ,  $\frac{3}{5}$ 

(4) 
$$\frac{3}{4}$$
 ,  $\frac{3}{5}$  ,  $\frac{3}{8}$  ,  $\frac{3}{11}$ 

12	The pavera	product of two numbers is 99. age of the two numbers.	One of the numbers is 9.	Find the
	(1)	10		
	(2)	11	-	
	(3)	20		
	(4)	50		
13	were	e were 4700 kg of flour in a fa sold, all the remaining flour w was the mass of flour in each	vas packed equally into 300	kg of flour O packets.
13	were	sold, all the remaining flour w	vas packed equally into 300	kg of flour ) packets.
13	were What	sold, all the remaining flour was the mass of flour in each	vas packed equally into 300	kg of flour ) packets.
13	Were What	sold, all the remaining flour was the mass of flour in each 0.55 kg	vas packed equally into 300	kg of flour ) packets.
13	What (1)	sold, all the remaining flour was the mass of flour in each 0.55 kg	vas packed equally into 300	kg of flour ) packets.

- 14 Vincent had 50 stickers at first. After giving  $\frac{3}{10}$  of his stickers to George and 7 stickers to David, he had some stickers left. What fraction of the stickers did Vincent have left?
  - (1)  $\frac{14}{25}$
  - (2)  $\frac{11}{25}$
  - (3)  $\frac{7}{10}$
  - (4)  $\frac{4}{5}$
- John had a roll of wire 10.55 m long. He cut 20 pieces of wire of equal length from the roll to give to his sister. He then had 0.35 m of wire left. What was the length of each piece of wire that he gave to his sister?
  - (1) 5.1 m
  - (2) 5.01 m
  - (3) 0.51 m
  - (4) 0.501 m



## END-OF-YEAR EXAMINATION 2021

**PRIMARY 5** 

# MATHEMATICS PAPER 1 (BOOKLET B)

Total Duration for Booklets A and B: 1 hour

#### 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. Write your answers in this booklet.
- 5. The use of calculators is **NOT** allowed.

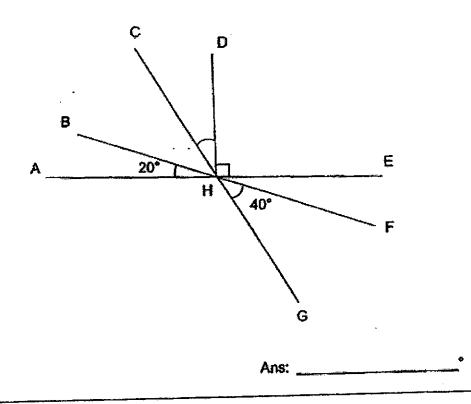
9		t	}
Name:	47-470-2-77	•	,
Class: Primary 5 (	)		

Booklet B / 25

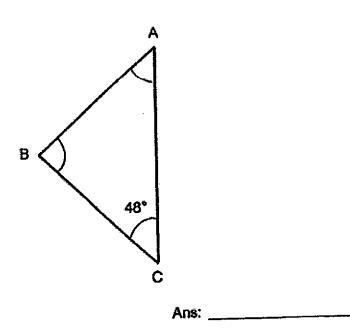
Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

Ques provid stated	tions 16 to 20 carry 1 mark each. Write your answers in the spaces ded. For questions which require units, give your answers in the units d. (5 marks)
16	Find the value of $45 + (18 - 9) \times 5 + 8$ .
	, <b>-</b>
	Ans:
17	Find the value of 7 + 8. Give your answer as a decimal.
	Ans:
18	What is the missing number in the box?
	8:  = 32:48
	Ans:

In the figure below, AHE, BHF and CHG are straight lines. ∠DHE = 90°, ∠BHA = 20° and ∠GHF = 40°. Find ∠CHD.

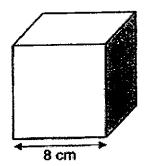


20 ABC is a triangle and AB = BC. Find ∠ABC.



your	answers in the units stated.  Show your working cleany and write answers in the spaces provided. For questions which require units, give answers in the units stated.  (20 marks)
21	Joash had a total 250 white marbles and black marbles. He lost 43 white marbles. After that, the ratio of the number of white marbles to black marbles he had was 1 : 2. How many white marbles did Joash have in the end?
	Ans:
22	What is the value of $\frac{3}{4} \times \frac{2}{5}$ ? Express your answer as a fraction in the simplest form.
	Ans:

23 What is the volume of the cube shown below?

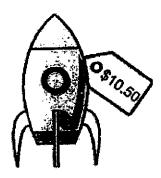


Ans:		cm <sup>3</sup>
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24 Find the average cost of the 3 items below.



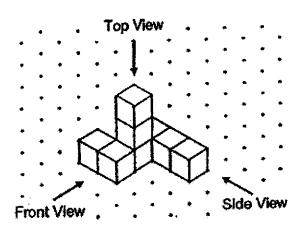




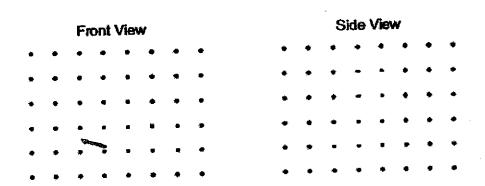
Ans:		<del>-</del>
------	--	--------------

25	The breadth of a rectangle is 4.5 cm. What is the area of the rectangle?	Its length is twice its breadth.	
• -		Ans: cm <sup>2</sup>	
26	Krishna sold a total of 346 donuts of Saturday, he sold 186 donuts. How Sunday? Round your answer to the ne	v many donuts did he sell on	
		Ans:	_
27	The price of a laptop is \$2000 before laptop after adding 7% GST?		
		Ans: \$	

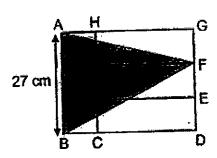
28 Nana stacked 8 unit cubes and glued them together to form the solid below.



Draw the front view and the side view of the solid on the grids below.



29 The figure below is made up of 4 identical rectangles ABCH, CDEK, KEFJ and JFGH. The length of each rectangle is 27 cm. Find the area of the shaded triangle ABF.



Ans:		çm²
------	--	-----

The table below shows the marks that Andy scored in his Science, English and Chinese tests. Part of the table is covered by an ink blot.

Test	Marks			
Science				
English	7			
Chinese	83			

The full marks for each test was 100. The average score for his three tests was 76 marks. Find the highest possible marks that Andy scored in his Science test.

Ans:	
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## END-OF-YEAR EXAMINATION 2021

#### **PRIMARY 5**

#### MATHEMATICS PAPER 2

Duration: 1 hour 30 minutes

#### 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. Write your answers in this booklet.
- 5. The use of an approved calculator is expected, where appropriate.

Name:	( )	
Class: Primary 5 ( )	Booklet A	/ 20
Parent's Signature:	Booklet B	/ 25
	Paper 2	/ 55
	Total	/ 100

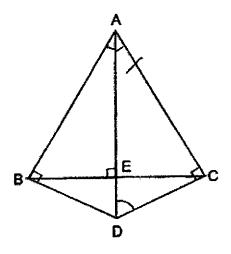
Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

your a	tions 1 to 5 carry 2 m answers in the spaces answers in the units st	provided. For	how your wot r questions wt	king clearly and write nich require units, give (10 marks)
1	Bottle A contains 8 1/2 more than bottle A. and bottle B altogeth	How many litr	Bottle B con	tains 4 2 t of lemonade de are there in bottle A
			Ans:	
2	A builder used 7 kg kg he use to build 4 su	g of cement to ch walls?	build a wall.	How much cement did
			Ans:	kg

3 Mr Tan bought 5 calculators on Monday. The average cost of these calculators was \$38. He bought another calculator at \$50 on Tuesday. Find the average cost of all the calculators he bought on these 2 days.

Ans:	\$	
------	----	--

In the figure below, ABC is an equilateral triangle and BCD is an isosceles triangle with BD = CD. AED is a straight line. AED is perpendicular to BEC. ∠ACD = ∠ABD = 90°. Find ∠ADC.



Ans:		4
, TI 10.	The second secon	۰

Kelly has \$50 to buy a cake and a fruit basket for her mother. The tables below show the types of cakes and the types of fruit baskets available for sale in a shop.

	Price per cake		
Blueberry Cake	\$30.90		
Strawberry Cake	\$35.90		
Chocolate Cake	\$28.90		

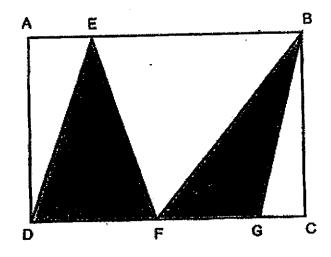
	Price per fruit basket
Fruit Basket A	\$18.80
Fruit Basket B	\$28.80
Fruit Basket C	\$20.80

How many possible sets can she choose to buy given that each set consists of a cake and a fruit basket?

Ans:	
------	--

space	uestions 6 to 17, show your working es provided. The number of marks and of each question or part-question.	available is shown in c	answers in the rackets [ ] at (45 marks)
3	Cailing bought 4 oranges and 5 ap 2 such oranges and 3 such apples.	oples for \$7.70. John What was the cost o	paid \$4.30 for of each apple?
		Ans:	[3]
	A baker baked 180 muffins. 30 50 of them were blueberry muffins How many more strawberry muffine	and the rest were stra	wberry mumns.
	Salarana de la companya de la compa		
		Ans:	[3]

In the figure below, ABCD is a rectangle. E is a point on line AB. F and G are points on line DC. The total shaded area of triangles DEF and FBG is 112 cm<sup>2</sup>. AD = 14 cm and GC = 4 cm. Find the area of rectangle ABCD.



Ans: [3]

	the sumber	of children is
9	At a party, the ratio of the number of adults to the number 2:3. A total of 420 balloons are given to the adults and Each adult gets 4 balloons and each child gets 2 balloons. children are there at the party?	me children.
	A	[3]

10	Five number	ers were	written	on the w	/hiteboa	ard as si	hown below:
	:	62,	43,	120,	11,	99	

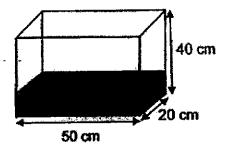
- (a) Write down the 3 numbers that will give an average of 51.
- (b) After John wrote a 2-digit number on the same whiteboard, the new average of the six numbers became a multiple of 3. What was the targest possible 2-digit number written by John?

Ans:	(a)	[1]
	(b)	2

11 Salleh worked  $6\frac{2}{3}$  h daily from Monday to Friday. He worked  $4\frac{2}{3}$  h on Saturday. He did not work on Sunday. He was paid \$12 per hour. How many such weeks must be work to be paid a total of \$4104?

Ans: \_\_\_\_\_[4]

A tank measuring 50 cm by 20 cm by 40 cm was  $\frac{1}{4}$  filled with water as shown below. After some water was added into the tank, the water level in the tank increased to  $\frac{3}{5}$  of the height of the tank. How much water was added into the tank? Express your answer in litres.



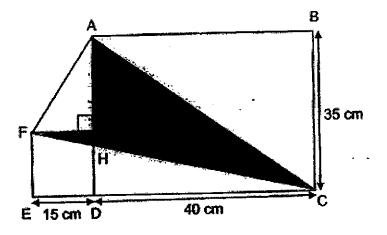
Ans:		[4]
<i>P</i> 015.	 	6.7

13	Zhi Ming, John and Raymond had the same amount of money at fir Zhi Ming spent all his money to buy a shirt and 6 pairs of identical soci	rst. ks.
	John bought 1 such shirt and a pair of trousers and had \$72 left. T pair of trousers cost \$8 more than each pair of socks.	he

- (a) What was the cost of the pair of trousers?
- (b) Raymond only bought 1 such shirt. How much money did he have left?

Ans:	(a)	[3]
	(b)	(1)

14 In the figure below, ABCD is a rectangle. DEFG is a square and AGF is a right-angled triangle. AGHD, FHC and EDC are straight lines.



- (a) Find the area of triangle AGF.
- (b) Find the total area of the shaded parts.

Ans:	(a)		[1]
------	-----	--	-----

15	Mrs Ho had a total of 345 red beads and blue beads at first	<ol> <li>She sold</li> </ol>
17	and the state of the boards	In the end
	half of the red beads and bought another 30 blue beads.	m use cho,
	and his heads	
	she had an equal number of red and blue beads.	

- (a) How many red beads did she have at first?
- (b) How many more red beads than blue beads did she have at first?

Ans:	(a)	[3
	(b)	[1

The table below shows the bicycle rental charges of two bicycle shops, Anyhow Ride and Superbike.

Bicycle Rer	ntal Charges	
	Anyhow Ride	Superbike
For the first hour or part thereof	\$14.40	\$12.00
For every additional $\frac{1}{2}$ hour or part thereof	\$2.20	\$2.80

- (a) Suzy rented a bicycle for 3.5 hours from Anyhow Ride. Rashid rented a bicycle for 3.5 hours from Superbike. Who paid more for the rental charge, Suzy or Rashid, and how much more?
- (b) Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (v) to indicate your answer.

Statement	True	False	Not possible to tell
Ahmad rented a bicycle from Superbike for 2 hours. He paid \$17.60 for the bicycle rental charge.			
Benny wants to rent a bicycle for more than 2 hours. It is cheaper for him to rent it from Anyhow Ride than from Superbike.			
Jian Hao rented a bicycle from Anyhow Ride. Timothy rented a bicycle from Superbike. Both of them rented their bicycles from 6.30 a.m. to 7.40 a.m. on Monday. Jian Hao pald \$1.80 more than Timothy for the bicycle rental			The state of the s
charge.	<u> </u>		[0]

		nen	de re	ijĊ
[2]	 			
[1]	 Name	(a)	Ans:	
more [2]				
	 			_

17 Tisha uses circles and triangles to form figures that follow a pattern as shown below.



Figure 1

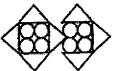


Figure 2

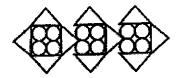


Figure 3

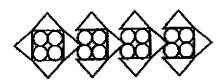


Figure 4

(a) The table below shows the number of circles and triangles for the first four figures. Complete the table for Figure 5.

Figure Number	1	2	3	4	5
Number of circles	4	8	12	16	
Number of triangles	4	7	10	13	
Total number of circles	я	15	22	29	
and triangles					

[1]

- (b) Find the number of triangles in Figure 100.
- (c) Find the total number of circles and triangles in Figure 25.

Ans: (

- b) \_\_\_\_\_\_[
- (c) \_\_\_\_\_[2]

End of Paper

## PS Marthy EVE 2021 CRYSwel Leg ) 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 context answer. Make your choice (1, 2, 3 or 4) and shade your snewer on the Options Answer.

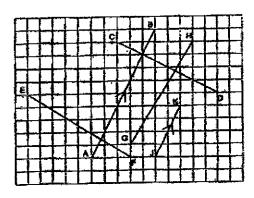
- \$ Yilling to the place value of the clot 3 in 40.035?
  - (i) kine
  - (2) ONES

- (4)
- hundredita
- 2 Which of the following is the same as 78 m?
  - (f) 760 km
  - (2) 7.8 km
- (4)
- 4.76 im
- (4) 0.078 km

There were 840 toy bricks in a box. Joson used 70% of them to build it custin. How many toy bricks skil his use to build the castle?

(3)

Which the in the square grid in perside in AST



(4)

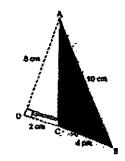
Yeary had 20 red builtons, 12 creanily bullions and 32 purple builtons, What is the ratio of the number of red builtons to the number of orange bottons to the number of purple buttons?

- (4) 法数章
- Sarain can type 100 words in 1 minute. At 24s rate, how many toteds can she type in 1 hour?

- 10 000
- These were \$000 participants in a cross country race. 1000 of their were children. What percentage of the participants in the race were children?

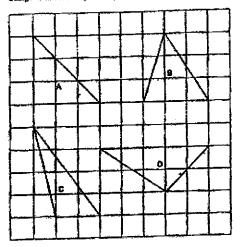
80% (3)

- (4) 600%
- What is the sine of things ABC?



(3)

Four interrigion A, B, Cland D are drawn on the square gold below. Which triangle is an world-orginal triangle?

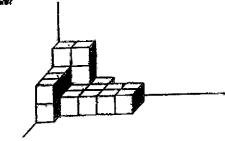


- (i) A
- (X)
- **(24)**

(2)

(4) 0

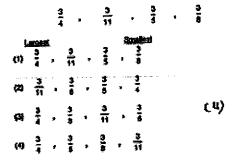
The solid below is formed by unit cubes. Now many unit cubes are 9697



(3)

- (\*)
- (2)
- (3)

- 11 Arrange the following fractions from the largest to the smallest.



12 The product of two statistics is 99. One of the musbers is 9. Find the average of the two maintees.

. 5

There were 4700 fig of flour in a distory at first. After 3050 fig of flour were adds, as the cumulating flour was pected equally take 500 pecteds. What was the mass of flour in each pecket?

14. Viscout had 50 address at first. After going 3 of his militars to Georgie and 7 stickers in David, he had some efficient left. Wirel Installant of the socialis did Vincont have high

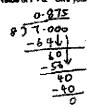
John had a roll of wise 10:35 m long. He cut 20 places of wire of equal largish from the roll to give to like slater. He then had 0:35 m of valve laft. What were time forgish of each place of wire livet be given to the sloter?

Observious 1d to 36 carry 1 mark each. Writin your ensures in the species provided. For geneticus which require units, give your ensurers in the units stated.

(6 marks)

18 Find the value of 45+(18+9) × 5+8.

17 Find the value of 7 + 8. Give your enswer as a doctions.



Aug 0.815

14 What is the Missing number in the box?

12\_

Quantitions 21 to 38 carry 2 marks each. Show your working clearly and write your an aware in the aparese provided. For quantition which require units, give your energes in the units started. (20 marks)

23 Joseph Seed a local 250 white anarties and black marities. He test 43 white nearties. After their the ratio of the marities of white marities to black marities he had west 1:3. How many white marities did Joseph have in the 41d?

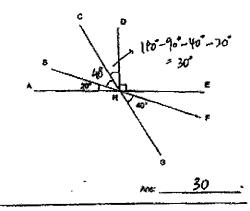
he <u>69</u>

22 When is the value of  $\frac{3}{4} \times \frac{2}{5}$ ?

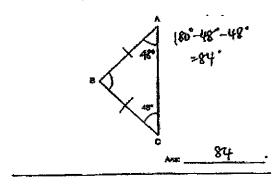
And 10

in the figure below, AHE, CHF and CHG are straight times.

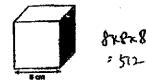
LDHE = 90°, LBHA = 20° and LBHF = 40°. Find LCHD,



26 ABC is a triangle and AB + SC. First ZABC.



23 What is the volume of the cube shown below?



Ans: 512 cm

24 Find the assumes cost of this 3 bisne below.





25t18.5+10.5)13 =54 23 =18

25	The breadth of a recturgle is 4.5 cm.	Re rength is twice its broadth.
	Yhat is the area of the rectangle?	



Ang:	 40.5	CIN <sup>2</sup>

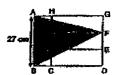
26 Kitishus sold a soul of 349 donats on Seturday and Senday. On Seturday, he sold 195 denote. How many donats did he soil on Sunday? Round your ensiver to the rearest hundred.

Acu:	200	

27 The price of a laptop is \$2000 before QSY, Whet is the price of the laptop after adding 7% QSY?

Ave \$ 2140

### 29 The figure below is made up of 4 identical sectorates ASCH, COSK, INSTAURAL STAIR. The tength of each restaugle is 27 cm. Find the area of the shaded blongle ASF.



27+3=9 27+9=31 2×27×36

Ant 486 em

30 The table below shows the marks that Andy scored in his Science, English and Chinese tests. Part of the table is covered by an init blot.

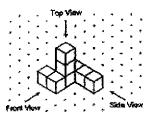
Test	A) arka
Science	
English	7
Chinese	83

The full results for each test was 100. The everage store for his these leads was 75 marks. Find the highest possible starks that Andy account in the Science lead.

75 Ank \_\_\_\_\_

Find of Paper

26 Name stacked 8 unit cubes and glood them together to form the solid halow



Draw the front view and the side view of the solid on the grids below.

Fract View	Side View
, ,	
· • • • • • • • • • • • • • • • • • • •	•• • • • • • •
	!

Quantitation 1 to 5 cases 2 marks each. Show your working clearly and write your assumpts in the apaces provided. For quantities which suspine units, give your appears in the units stained.

(10 marks)

Bettin A contains \$\frac{1}{2}\$ for temporads. Solite B contains \$\frac{2}{5}\$ for temporade more than bottle A. How wanty litres of temporade are there in bottle A and bottle B shapether?

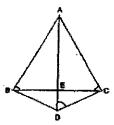
2. A builder used  $7\frac{9}{8}$  by of commen to build a wall. How much compet did be use to build 4 such wells?

	29£	
Ans.		#j

3 Mr Tan bought if calculations on Monday. The statings cost of State calculations was \$35. He bought another calculation at \$50 on Tolerlay. Find the average cost of all the calculations he bought on those 2 days.

ARE \$ 40

4 In the figure below, ABC is an equilatival briangle and BCO is an isoscelet blengie with BD = CD. AED is a stellight See. AED is perpendicular to BEC. ZACD = ZABD = 90°. Find ZADC.



LECD = 90- 60 = 30

90-30=60

Ans: 60

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 [ ] of the end of each question or part-question.

(65 marks)

z

6 Calling bought 4 eranges and 5 applies for \$7.70. John pold \$4.30 for 2 each oranges and 3 each applies. What was the cost of each applie?

Ans: \$0-90 DI

7 A baker haked 160 multins. 30% of them were of possible multins. 50 of them were blooberg multins and the past were attacked youthing. How many more attacked your file than checolide multins did he bake?

6 Kelly has \$80 to buy a cake and a limit best of iner mother. The bibliois below show the types of cakes and the types of fruit basisess available for sale in a shop.

	Price per dake
Eksberry Ceks	\$30.00
Stawberry Calco	\$35.00
Chocolatie Calor	\$28.00

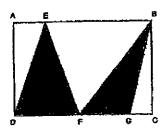
	Price par fruit basisst
Fail Basiest A	\$18.80
Feet Basket B	\$28.90
Fact States C	520.50

How many possible sets can she choose to buy given Brat each set compate of a coles and a fruit backet?

Blueberry Cake + Fruit Busher AX34970; Charlete Cake + Fruit Busher A -> (847-70; Charlete Cake + Fruit Busher C -> (847-70)

Ans 3

to the figure below, ABCD is a rectangle. Ells o point on time AB, Fland G are points on time OC. The intel should area of triangles DEF and FBG in 112 cm². AD = 14 cm and GC = 4 cm. Find the area of rectangle ABCD.



1 x 14x4 = 28 112+28 = 140 160 x2 > 280

Ane Zeo cm2 B

At a party, the ratio of the number of adults to the number of children to 2:3. A total of 420 balloons are given to the adults and the children. Each adult gets 4 balloons and each datal gets 2 balloons. How many children are there at the party?

Ārķ:	90	_ (3)

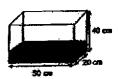
11	Salleh worked $\frac{2}{3}$ is daily from Monday to Fidday. He worked $\frac{2}{3}$ is on
	Salurday. He did not work on Sunday. He was paid \$12 per hour.
	How many such weeks must he work to be paid a lotel of \$4104?

10 Five numbers were witten on the whiteboard as shown below;

- (a) With down the 3 numbers that will give an average of 51.
- (c) Aster John wrote a 2-digit number on the same whiteboard, the new average of the six numbers became a multiple of 3. What was the largest possible 2-digit number written by John?

Ans:	(a)	43,11,44 10
	(D)	<u>97</u>

12 A tank investeding 60 cm by 20 cm by 40 cm was  $\frac{1}{4}$  filled with weber as shown below. After some water was added into the tank, the water term to the tank increased to  $\frac{3}{4}$  of the belot of the tank. How much water these added into the bank? Express your answer in litres.

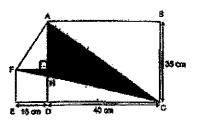


	9	
Ans	<u> </u>	ľ

- 2hi Ming, John and Raymond had line assess account of mosey at test. 2hi Ming apent all his money to buy a stirt, and 6 pairs of identical socks. John beoght 5 such shift and a pair of assesses and had \$72 let. The pair of trousers cost \$8 more than each pair of socia,
  - (a) What was the cost of the per of trouspre?
  - (b) Raymond only bought I such shirt. How much money did be have

- Mins His had a total of 345 rog beads and blue beads in Rist. She sold hadf of this red beads and bought another 30 blue beads. In the cod, style had an equal mumber of red and blue beads.
  - (a) How many rad beads did she have at first?
  - (b) How many more red beads than thise bases did she have at first?

in the figure bolow, ABCD is a rectificity. DEFG is a square and AGZ is a right-angled interglat. AGFD, FHC and EDC are similar tables.



- (c) First the area of Mangle AGF.
- (b) Find the total area of the sheded ports.

The total below shows the bicycle reast charges of two bicycle shops, Ammour fade and Superbike.

Bioyole Flor	stal Chiarges	
	Anythow Flice	Sugerbilia
For the first hour or part thereof	\$14,40	\$12,00
For every additional a hear or	\$2.26	S2.80
part thereof		

(a) Suzy mented a bloycle for 3.5 kmms from Anyhov fide. Rashid racked a bloycle (Sas.S. bours from Suparbba. Who paid more for the revisal charge, Suzy for Rashid, and how much more?

14. 4 + 2 - 3 + 3 = 2 + 3 + 3 + 3 + 3 + 3 + 4 = 2 + 6 = 2 + 6 = 3 + 4 = 2 + 6 = 3 + 6

Statement	True	False	Not possible to tell
Alread rented a bloycle from Superlitte for 2 hours. He paid \$17.60 for the bloycle metal change.	✓		
Scorny varietà do rent il biopole for more Tran 2 hours, il le cheapor for him to rent Il licon, Asylopur Föde item from Superbilla.			<b>V</b>
Jan Han rented a bioyale from Anytour. Péda. Timodity faciled a bloyde finei Superbles. Soft of Benn rented their bicycles from 6.30 a.ms. to T.AD a.m. on blooding. Jean Han paid: \$4.50 more than Timodity for the falloys	<b>✓</b>		
Charge.	<u> </u>	£	1

\$0.60

17 Yoka same chicke and interplat to force (games that follow a political as

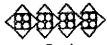


Figure 1



Fig. re





Pigues 4

(a) The table below shows the counter of circles and stangles for the title four-figures. Complete the table for Figure 5.

Same Number	1 1	2	3	4	1	
Munipured shake	4	8	12	16	20	1
Number of Manages		7_	10	13	16	Į.
Total number of circles	8	15	22	29	36	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				-	_	r

- (b) Find the number of triangles in Figure 108.
- (c) Find the total number of circles and blangles in Figure 25.

100x3+1 =301 25x7+1 =176

<b>XXX</b>	<b>(p)</b>	301	
	(4)	176	<b>[2</b> ]

End of Paper

**it** .