

END-OF-YEAR EXAMINATION 2021

PRIMARY 5

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 ()	

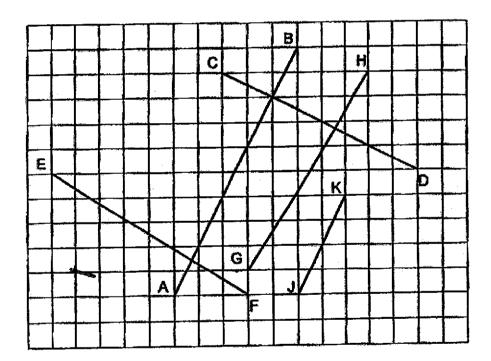
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (20 marks)

- 1 What is the place value of the digit 3 in 40.035?
 - (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: 8
	(3)	5: 8: 3
	(4)	3: 5: 8
4		can type 100 words in 1 minute. At this rate, how many words he type in 1 hour?
	(1)	600
	(2)	1000
	(3)	6000
	(4)	10 000
5		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%

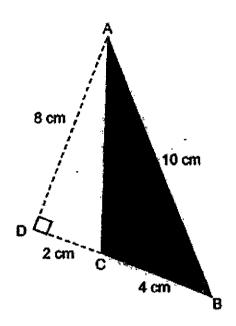
(4) 500%

- 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?



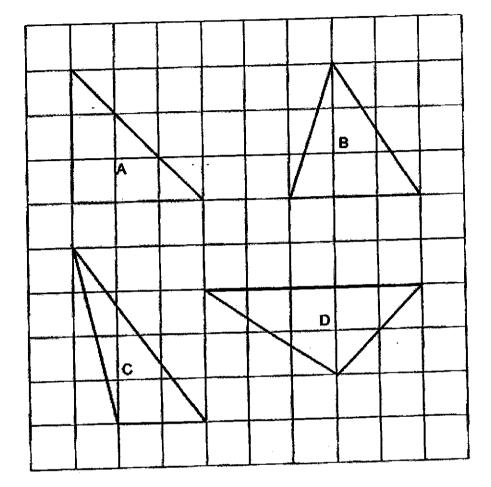
- (1) CD
- (2) EF
- (3) GH
- (4) JK

8 What is the area of triangle ABC?



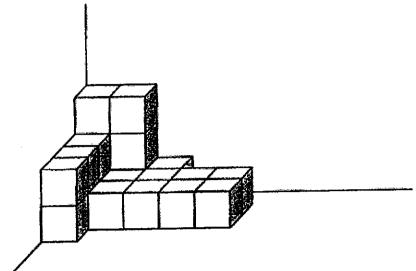
- (1) 16 cm²
- (2) 20 cm²
- (3) 24 cm²
- (4) 32 cm²

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

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.

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

(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 product of two numbers is 99. One of the numbers is 9. Find the average of the two numbers.
 - (1) 10
 - (2) 11
 - (3) 20
 - (4) 50
- There were 4700 kg of flour in a factory at first. After 3050 kg of flour were sold, all the remaining flour was packed equally into 300 packets. What was the mass of flour in each packet?
 - (1) 0.55 kg
 - (2) 1.65 kg
 - (3) 5.5 kg
 - (4) 16.5 kg

- 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.

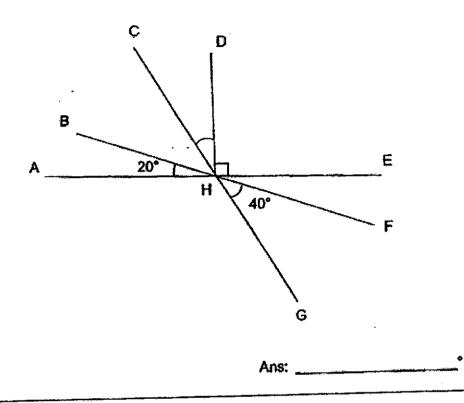
Name:	ALANCAS .	()
Class: Primary 5 ()		

Booklet B / 25

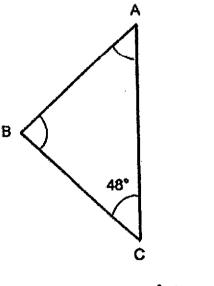
Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

Ques provid stated	stions 16 to 20 carry 1 mark each. Write ded. For questions which require units, g	your answers in the spaces ive your answers in the units (5 marks)
16	Find the value of $45 + (18 - 9) \times 5 + 8$.	
		-
	·	
		Ans:
17	Find the value of 7 + 8. Give your answer	er 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.



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)

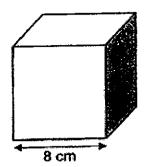
Joesh had a total 250 white marbles and black marbles. He lost 43 white marbles. After that, the ratio of the number of white marbles to black marbles he had was 1 : 2. How many white marbles did Joash have in the end?

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

Express your answer as a fraction in the simplest form.

Ans:	
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What is the volume of the cube shown below?

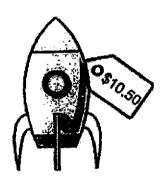


Ans: _		cm³
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24 Find the average cost of the 3 items below.



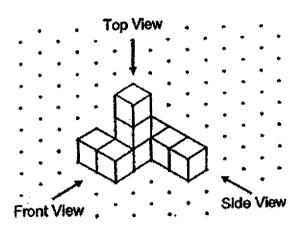




Ans: \$	_
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25	The breadth of a rectangle is 4.5 cm. Its length is twice its breadth. What is the area of the rectangle?
• -	Ans: cm ²
26	Krishna sold a total of 346 donuts on Saturday and Sunday. On Saturday, he sold 186 donuts. How many donuts did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

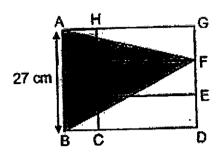
28 Nana stacked 8 unit cubes and glued them together to form the solid below.



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

		Fr	ont	Vie	N					S	ide	Vie	W		
		•	*	•	•		•	•	•	•	٠	•	•	٠	•
			•		٠	•	•	•		٠	-	•	٠	•	•
_	-		=					*	•	•	-		•	•	•
•	•	•	•						•				•	٠	•
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•	٠			•	•	•	•	•	*	•	•	Ī			
		*	•	٠	•		•	•	•	•	•	*	•	•	•

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.



Áns:		çm²
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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.

End of Paper



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.

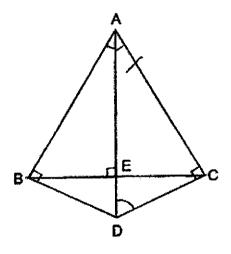
1	Bottle A contains $8\frac{1}{2}$ t of lemonade. Bottle B contains $4\frac{2}{5}$ t of lemonade more than bottle A. How many litres of lemonade are there in bottle A and bottle B altogether?
	Ans:

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:	\$		
W 1-0-1	*		

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.



A	•
Ans:	

5 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

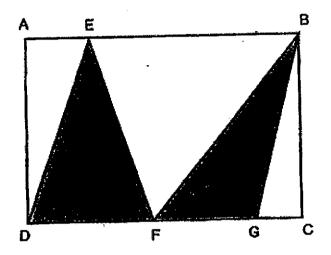
	Price per fruit basket
Fruit Basket A	\$18.80
Fruit Basket B	\$28.80
Fruit Basket C	\$20.80

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

Ans:	
------	--

ie e	es provided. The number of marks available is shound of each question or part-question.	(45 marks)
	Cailing bought 4 oranges and 5 apples for \$7.70. 2 such oranges and 3 such apples. What was the	John paid \$4.30 for cost of each apple?
	· Ans:	[3
	Ans: A baker baked 180 muffins. 30% of them were 50 of them were blueberry muffins and the rest we How many more strawberry muffins than chocolate	e chocolate muffins re strawberry muffins
	A baker baked 180 muffins. 30% of them were	e chocolate muffins re strawberry muffins
	A baker baked 180 muffins. 30% of them were	e chocolate muffins re strawberry muffins
	A baker baked 180 muffins. 30% of them were	e chocolate muffins re strawberry muffins
	A baker baked 180 muffins. 30% of them were	e chocolate muffins re strawberry muffins

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 cm². AD = 14 cm and GC = 4 cm. Find the area of rectangle ABCD.



Ans: _____[3]

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

Ans:

_ [3]

10	Five numbers were written on the whiteboard as shown b	elow:
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62, 43, 120, 11, 99

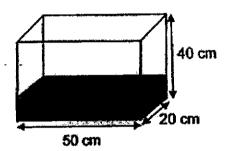
- (a) Write down the 3 numbers that will give an average of 51.
- (b) After John wrote a 2-digit number on the same whiteboard, the new average of the six numbers became a multiple of 3. What was the targest possible 2-digit number written by John?

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 he 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.

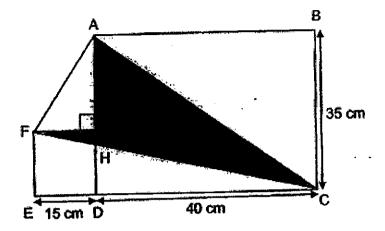


Ans:[4

- Zhi Ming, John and Raymond had the same amount of money at first.
 Zhi Ming spent all his money to buy a shirt and 6 pairs of identical socks.
 John bought 1 such shirt and a pair of trousers and had \$72 left. The pair of trousers cost \$8 more than each pair of socks.
 - (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]
Ans.	(a)	 ניו

- Mrs Ho had a total of 345 red beads and blue beads at first. She sold half of the red beads and bought another 30 blue beads. In the end, 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]

16 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

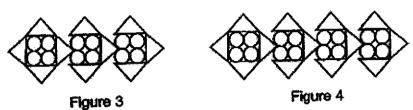
- (a) Suzy rented a bicycle for 3.5 hours from Anyhow Ride. Rashid rented a bicycle for 3.5 hours from Superbike. Who paid more for the rental charge, Suzy or Rashid, and how much more?
- (b) Each statement below is either true, false or not possible to tell from the information given. For each statement,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

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 paid \$1.80 more than Timothy for the bicycle rental	Statement	True	False	Not possible to tell
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 paid \$1.80 more than Timothy for the bicycle rental	for 2 hours. He paid \$17.60 for the			
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 paid \$1.80 more than Timothy for the bicycle rental	Benny wants to rent a bicycle for more than 2 hours. It is cheaper for him to rent it from Anyhow Ride than from			
	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 paid \$1.80 more			

Ans:	(a)	Name:	 	[1]
			 more	[2]

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





(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 and triangles	8	15	22	29	

[1]

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

Ans:	(b)		2
	(c)	AND THE PROPERTY OF THE PROPER	[2]

End of Paper

PS Maths EVE 2021 CANSWELLEY)

For each question, four options are given. One of them is the correct assessor. Make your choice (1, 2, 3 or 4) and shade your enemer on the Options Answer

1 YANG IS the place value of the digit 3 in 40,035?

- 113

- (4)
- hundreddas

2 Writer of the following is the same as 78 m?

- 760 km (f)
- 7.6 km
- (4)
- 0.76 km
- 0.078 km

Yeary had 20 red building, 12 orange bullions and 32 purple building. What is the ratio of the number of red building to the number of orange building to the number of purple building?

- R: 0.P (1) 4:3:5
- 20:12:32 174 4.3.5 (2)
- 5:3:8 (2) **££**3
- 3:6:\$ 4}

Sarah can type 100 words in 1 minute. At this rate, how many toteds can she type in 1 hour?

- (1) 600
- 100×60 + 6000

(3)

- (3) 6200
- 10 000 (4)

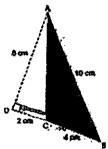
There were 5000 participants in a cross country race. 1000 of Eigin were children. What percentage of the particlerants in the race were All lines?

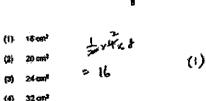
- (1) 5¥
- 1000 × 100% = 20%
- (T)

(3)

- (L)
- 80% 600%

What is the area of things ABC?





Times were 840 toy bridge in a box. Josen used 70% of ham to build a custine. How many toy bricks skil his use to build the castle?

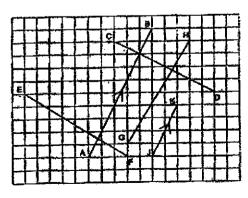
(1)

(2)

70 × 840 = 588

(3)

- **(3)** 1560
- 1200
- Which the in the square grid is persited to AST



- (1) CO
- **(2)**

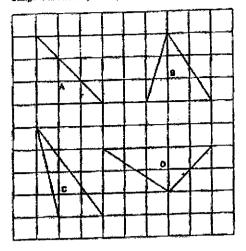
(4)

(1) 2

GĦ

(3)

9 Four intergites A. S. Cond D are drawn on the square gold below. Which briencie is an explanance of the policy.

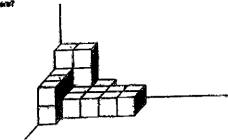


- (i) A
- (2) B
- (24) C

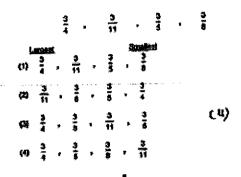
(2)

(4) D

58 The solid below is formed by unit cabes. Plow many unit cubes are there?



- (2) 15
- (2) 20
- (A) ---(3) 21
- in 45
- The second term the broad to the smaller



12 The product of two multiples in 99. One of the residons is 9. Find the weekings of the two multipless.

. 5

- (1) 10 $99 \div 9 = 11$ (2) 11 $\frac{11 + 9}{2} = 10$ (3) 20 (1)
- 13 There were 4700 fig of flour in a distory at first. After 3050 kg of flour were 3060, at the cumulating flour was pocked equally jalo 500 peckets. What was the mass of flour in each pecket?
 - (1) 0.56 to 4.700-3050 (2) 1.55 to 300 (3) 1.55 to 300 (4) 18.6 to 300 (5)

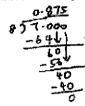
14 Viscont had 50 Michars at Smt. After giving 3/10 of his stickers to George and 7 Michars at David, he had some edictors but. What Incidion of the stickers did Viscont have 1907.

46 John had a voll of whe '90.755 in long. He cut 20 places of wire of equal largers from the soll to give to life steam. He then had 0.25 m of white laft. What was the longth of warth place of wire that be given to life sinked?

Questions 18 to 26 carry 1 mark each. White your ensures in the apacts perodest. For queetions which require units, give your immers in the units stated.

18 Find the value of 45 + (18 - 9) × 5 + 8.

17 Find the value of 7 + 8. Give your enough as a doctoral.



Ame 0.815

33

14 What is the Missing number in the box?

Quinations 21 to 38 easy 2 made each. Since your working clearly and write your answers in the spaces provided. For quasilons which require units, give your energers to the units stated. (20 marks)

23 Joseph Seed & boost 200 white exembles and black exempter. He that 43 white reaction. After that, the ratio of the matter of white matter to black matches had was 1 : 2. How many white methos did Joseph have in the 4nd?

<u>69</u>

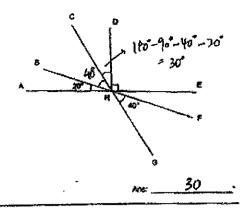
22 When is the value of $\frac{3}{4} \times \frac{2}{5}$?

Compare your answer as a fraction in the simple

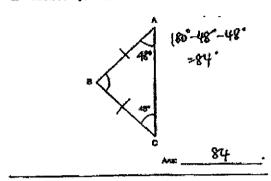
Ans. 20

in the figure below, AHE, OHF and CHO are straight times.

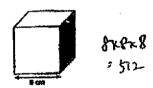
LDHE = 90°, LBHA = 20° and LOHE = 40°. First LOHD.



20 ABC is a triangle and A8 + SC. First ZASC.



23 What is the volume of the cube shown below?



Ans: 512 cm

24 Find the average cost of the 3 home below.



(25+18.5+10.5)23 =54 23 =18

Ami # 18

25	The breadth of a rectangle is 4.5 cm.	As length is halow its broadth.
	Yhat is the atte of the rectangle?	

A.z	40.5	
A 18;		CIN.

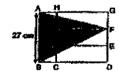
26 Kitishus sold a busi of 346 donote on Seturday and Senday. On Seturday, he sold 195 denote. How many downs did he soil on Sunday? Round your answer to the rearest hundred.

Aca:	200	

27 The pripe of a laptop is \$2000 before GSY, -What is the price of the laptop after adding 7% GS7?

Ars	2140

29 The figure between to made up of 4 identical rectangles ABCH, COSK, IGEL and JEGH. The tength of such rectangle is 27 cm. Find the area of the shocked Monglo ABF.



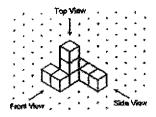
30 The table below shows the marks that Andy scored in his Science, English and Chinese tents. Part of the table is covered by an init blot.

Test	Alada
Science	
English	7
Chinese	83

The full rearries for each test was 100. The merico score for his these seets was 75 makes. Find the highest possible starks that Andy scored in his tipleance less.

	75
Ang	

28 Nama stacked 6 unit cubes and glood them together to form the solid below



Draw the front stew and the sale view of the solid on the grids below.

Frank View			Side View	
	, ,	• •		
· · · • •		•		
[-]	• •	• •	• • • •	
, , , , , , , , , , , , , , , , , , , ,		• •	r	
. LLLL		• •		

Questions 3 to 5 casy 2 marks each. Show your working chastly and wide your assurers in the spaces provided. For questions which require units, give your appears in the units shilled. (10 meths)

Bettle A contains 0 to the second secon

Anst _	<u> 각</u> 출 ,
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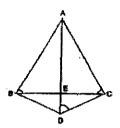
2 A builder used 7 log of comers to build a west. How much compet did he use to build 4 auch wells?

2 위 분
Ans

3 Mr Tan bought if calculations on Monday. The studings cost of these calculations was \$38. He bought another calculators at \$50 on Todestry. Find the average cost of all the calculators he bought on these 2 days.

Ana:	. 40	
wheth:	*	

4 In the figure below, ABC is an equilibral briengle and BCD is an isocceles briengle with BD = CD. AED is a sheight fee. AED is perpendicular to BEC. ZACD = ZABD = 90°. Find ZADC.



40-30-60

Ans:	60	
------	----	--

For questions 6 in 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown its brackets () of the end of each question or part-question. (45 marks)

6 Celling bought 4 cranges and 5 spales for \$7.70. John pold \$4.30 for 2 such oranges and 3 duch apples. What was the cost of each apple?

	Anne.	
Ann:	\$0.50	3

7 A beiter haked 160 minthes. 20% of them were of position minthes. 50 of them were bloebody multime and the cost were attacking matter. How manymere attackbery multime their chocoline matter did he bake?

	マルン
Ank:	

8 Kelly has \$60 to bey a cake and a limit bestot for her mother. The below show the types of cakes and the types of fruit besters available for sub is a shop.

	Price per online
Ekoberry Ceke	\$30.00
Shawberry Celes	\$35,00
Checolate Calce	\$28.90

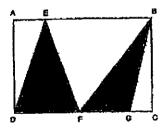
	Price par fruit basiset
Fail Bankst A	\$18.80
Fault Backet B	\$28.90
Faul Basket C	\$20.80

How many possible sets can also choose to buy given Brat each set consists of a calse and a fault backet?

Blueberry Cake + Fruit Buskert AX34870; Character Cake + Fruit Buskert A -> (8472.70; Character Cake + Fruit Busker C -> (8472.70;

<u> 3</u>	
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to the Egure below, ABCD is a rectangle. E is a point on time AB, Fand G use points on time OC. The letal should area of triangles DEF and FBG in 112 cm². AD = 14 cm and GO = 4 cm. Find the area of rectangle ABCD.



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

10	10 Fire numbers were values on the whiteboard as sho						
		62,	43,	120,	11,	89	ŗ

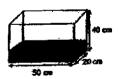
- (a) Within down the 3 numbers that will give an average of \$1.
- (c) After John wode a 2-digit number on the same whiteboard, the new average of the six numbers became a multiple of 3. What was the largest possible 2-digit number written by John?

Ārķ:	90R

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

Salieh worked δ_3^2 is daily from Monday to Fidder. He worked $\frac{2}{3}$ is on Suburday. He did not work on Sunday. He was pass \$12 per hour. How many such weeks much he work to be paid a total of \$4104?

12 A tank measuring 50 cm by 20 cm by 40 cm was $\frac{1}{4}$ filled with waller as level to the back increased to $\frac{3}{3}$ of the height of the back. How much water was added into the bank? Express your enemer in litres.

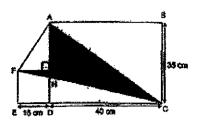


- 13 Zhi Ming, John and Raymond had like states exhaust of money at test. Zhi Ming spent at his money to buy a start and 6 pairs of identical social. John beoght 5 such shift and a pair of tracegers and find \$72 test. The stair of tracegers are described to the social pair of social.
 - (a) What was the cost of the per of trousprit?
 - (b) Raymond only bought touch shirt. How much money did be have left?

Ana:	(a)	\$ 2-4 B
	(b)	- A/

- 16 Mrs Ho had a total of 245 red bases and thus beads at Rest. She sale had of the red beads and bought another by bise beads. In the end, after Ped an equal mumber of end and bise beads.
 - (a) How many rad beads did she have at first?
 - (b) How many more red beads than this beads did she have at first?

16 in the figure below, ABCD is a rectain(A). DEFG is a square and AGF is a right-explicit sharple. AGFB, FHC and EDC are similar those.



- (c) First the area of triangle AGF.
- (b) Find the lotal area of the sheded ports.

14 The total before above the bildycle count charges of few bidycle straps,

Ammour fade and Superbles.

Sloyde Festal Charges				
	Anythour Flice	Sugerbiles		
For the first hour or part thereof	\$14,40	\$12.00		
For every additional a hour or part thereof	\$2.20	32,80		

- (a) Suzy seried a bloycle for 3.5 hours from Anyhor Rice. Riselled recised a bloycle (363.5 hours from Superble. Who paid more for the restal charge, Sear for Parchial, and how much more?

 (14 4 + 1 2 3 + 2 3 + 3 3 + 40 = 0 60

 (b) Each statement below in either their files or not possible to ball from
- (b) Each statement below is offer that, take or not possible to ball from the information given. For work statement, put a lick (*) to indicate your analyst.

Statement	True	Fatee	Not possible to tell
Altered rented a bioyole from Superlitte for 2 hours. He paid \$17.60 for the bloych matel charge.	√		
Seamy varietà la rent e biopole for mare Sum 2 hours, il le chaspor forbles la seal Il licen Anghour Föde item from Superiiles.			V
Jon Hay rented a bioyole from Anytone. Pitta. Throothy storied at bioyole from Superhilles. Soft of them rented their bioyole from 6.30 a.m. to 7.47 a.m. on alonday. Jen Hao paid \$4.50 more from Throothy for the bioyole social citeron.	V		

Aces (a) Names Rashid (1)









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

Sauce Manager	1	2	3	4	4
Munimiral diche	4	8	12	16	20
Number of Manages		7	10	13	1/2
Total number of circles		15	22	29	36
			L		

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

M	(b)	30/	[2]
	(4)	176	[2]