	• P.7 PRE -	PLE TR	IAL S	ETV	
ons	MATHEMAT	ICS (Abri	idged Cu	rricului	<b>n)</b>
	Time allowed	2 hours 30	minutes		
	Random No.	Personal No	<u>.</u>	ha class Prime	e Le
Candidate's I	lame:		••••••••••••••••••••••••••••••••••••••		
Candidate's	Signature:				• • • • • •
School Ran	lom No				
District ID:					
District ID					
READ THE	FOLLOWING INSTRUCTIONS CA	REFULLY	FOR EXA	MINERS' US	SE O
1. Do not wr	te your school or district name	anywhere	QUESTION NUMBER	MARKS ATTAINED	IN
on this pa	ber.	:	1-5		1
2 This nane	r has <b>two</b> sections. A and B Sect	ion <b>A</b> has	6 - 10		
20 questi	ons and section B has 12 question	ns.	11 - 15	· ·	<u>†</u>
3. Answer a	I questions. All the working for be	oth	16 - 20		
	A and <b>B</b> must be shown in the spa	aces	21 - 22		$\uparrow$
sections /	· · ·		23 - 24		+
provided.			I	L	+
provided.	ig <b>must</b> be done using a <b>blue</b> or l	black ball ther than	25 - 26		
sections a provided. 4. All workir point pen graphs ar	ng <b>must</b> be done using a <b>blue</b> or or ink. Any work done in pencil of ad diagrams will <b>not</b> be marked.	black ball ther than	25 - 26 27 - 28		
<ul> <li>sections <i>I</i> provided.</li> <li>4. All workin point pen graphs ar</li> </ul>	ng <b>must</b> be done using a <b>blue</b> or or ink. Any work done in pencil of ad diagrams will <b>not</b> be marked.	black ball ther than	25 - 26 27 - 28		
<ul> <li>sections <i>I</i> provided.</li> <li>4. All workin point pen graphs ar</li> <li>5. No calcu</li> </ul>	ig must be done using a blue or or ink. Any work done in pencil of ad diagrams will not be marked. lators are allowed in the examination	black ball ther than ation room.	25 - 26 27 - 28 29 - 30		
<ul> <li>sections <i>I</i> provided.</li> <li>4. All workin point pen graphs ar</li> <li>5. No calcu</li> <li>6. Unnecess that cann</li> </ul>	or ink. Any work done in pencil of or ink. Any work done in pencil of ad diagrams will <b>not</b> be marked. Iators are allowed in the examina- sary <b>changes</b> in your work and ha ot easily be read may lead to <b>loss</b>	black ball ther than ation room. andwriting <b>5 of marks</b> .	25 - 26 27 - 28 29 - 30 31 - 32		
<ul> <li>sections <i>I</i> provided.</li> <li>4. All workin point pen graphs ar</li> <li>5. No calcu</li> <li>6. Unnecess that cann</li> <li>7. Do not fil</li> </ul>	ig <b>must</b> be done using a <b>blue</b> or or ink. Any work done in pencil of ad diagrams will <b>not</b> be marked. <b>lators</b> are allowed in the examina- sary <b>changes</b> in your work and ha ot easily be read may lead to <b>loss</b> anything in the table indicated " <b>F</b>	black ball ther than ation room. andwriting s of marks.	25 - 26 27 - 28 29 - 30 31 - 32 TOTAL		
<ul> <li>sections <i>I</i> provided.</li> <li>4. All workin point pen graphs and 5. No calcu</li> <li>6. Unnecess that cann</li> <li>7. Do not fill Examine question</li> </ul>	ig must be done using a blue or or ink. Any work done in pencil of ad diagrams will not be marked. lators are allowed in the examina- cary changes in your work and ha ot easily be read may lead to loss anything in the table indicated "F rs' use only", and those boxes in paper.	black ball ther than andwriting <b>s of marks</b> . F <b>or</b> iside the	25 - 26 27 - 28 29 - 30 31 - 32 TOTAL	APPROVED Consultan:	
<ul> <li>sections <i>I</i> provided.</li> <li>4. All workin point pen graphs and 5. No calcu</li> <li>6. Unnecess that cann</li> <li>7. Do not fill Examine question</li> <li>PUBLISHERS O</li> </ul>	ig must be done using a blue or or ink. Any work done in pencil of ad diagrams will not be marked. lators are allowed in the examina- cary changes in your work and ha ot easily be read may lead to loss anything in the table indicated "F rs' use only", and those boxes in paper.	black ball ther than andwriting <b>s of marks</b> . For iside the	25 - 26 27 - 28 29 - 30 31 - 32 TOTAL <i>Math</i>	APPROVED Consultan: fiematics Depart	me)

1	Workout: 3 1 7	2	Write "Ninety six thousand twelve '
•	+ 20	-	white initial six thousand twerver
. *			
7			
			· · · · · · · · · · · · · · · · · · ·
3	Find the next number in the	4	Given that set <b>R</b> = { <b>9</b> , <b>7</b> , <b>4</b> }, list
	sequence.		down all the proper subsets which ca
	4, 9, 7, 12, 10,,		De obtained from set R.
		ľ	
5.	Write the number expanded to give	6	A staff meeting which started at
	$(8 \times 10^3) + (7 \times 10^1)$		$0.40$ m lasted for $3^1$ has At what
			9:40am lasted for 3- nrs. At what
			time did it end?
7	Using a protractor, measure the angl	e bel	low.
	•		
	$\mathbf{V}_{\mathbf{r}}$ , the second se		· · · · · · · · · · · · · · · · · · ·
			· ,
			•
	$\mathcal{F}$		
		<u></u>	
	© Prime Educational Consult 2022, TFI • 039	3 2836	00. 0752 999554. 0772 097028. 0704 924083 Pare I 1
	THE PRIME MATHEMATICS PRE- PLE	TRIAL	SET V EXAMINATIONS 2022.

	Town	Arrival time	Departure time	
	A		8:30 am	
	B	9:45 am	10:00 am	
	C	11:20 am	11:25 am	
	D	1:30 pm	1:40 pm	
	E	3:00 pm	1:40 pm	
	· · · ·			
		-		
	(b) How long did	the taxi take to tra	wel from town A to town E?	()mark
			iver from town A to town E.	(2//////.
		е. Ал		
	(c) The distance	from town A to tov	vn E is 260km. Calculate the av	verage speed
	(c) The distance of the taxi fo	from town A to tov or the whole journe	vn E is 260km. Calculate the av y.	erage speed (2marks)
	(c) The distance of the taxi fo	from town A to tov or the whole journe	vn E is 260km. Calculate the av y.	verage speed (2marks)
	(c) The distance of the taxi fo	from town A to tov or the whole journe	vn E is 260km. Calculate the av y.	verage speed (2marks)
	(c) The distance of the taxi fo	from town A to tov or the whole journe	vn E is 260km. Calculate the av y.	verage speed (2marks)
7	(c) The distance of the taxi fo	from town A to tow or the whole journe	vn E is 260km. Calculate the av y. veter 14 cm from a rectangular s	verage speed (2marks)
27	(c) The distance of the taxi fo A welder cut circ measuring 56 cm	from town A to tov or the whole journe cular plates of diam n by 42 cm shown b	vn E is 260km. Calculate the av y. Teter 14 cm from a rectangular sl elow.	rerage speed (2marks) heet of meta
27	(c) The distance of the taxi fo A welder cut ciro measuring 56 cm	from town A to tow or the whole journe cular plates of diam n by 42 cm shown b	vn E is 260km. Calculate the av y. leter 14 cm from a rectangular sl elow.	rerage speed (2marks) heet of meta
7	(c) The distance of the taxi fo A welder cut ciro measuring 56 cm	from town A to tow or the whole journe cular plates of diam h by 42 cm shown b	vn E is 260km. Calculate the av y. neter 14 cm from a rectangular sl elow.	rerage speed (2 <i>marks</i> )
27	(c) The distance of the taxi fo A welder cut ciro measuring 56 cm	from town A to tow or the whole journe cular plates of diam n by 42 cm shown b 42cm	vn E is 260km. Calculate the av y. neter 14 cm from a rectangular sl elow.	rerage speed (2 <i>marks</i> )
27	(c) The distance of the taxi fo A welder cut ciro measuring 56 cm	from town A to tow or the whole journe cular plates of diam n by 42 cm shown b 42cm	vn E is 260km. Calculate the av y. neter 14 cm from a rectangular sl elow.	rerage speed (2marks)
27	(c) The distance of the taxi for A welder cut circ measuring 56 cm 56cm (a) Find the num	from town A to tow or the whole journe cular plates of diam h by 42 cm shown b 42cm	vn E is 260km. Calculate the av y. Heter 14 cm from a rectangular sl elow.	rerage speed (2marks) heet of meta
27	(c) The distance of the taxi for A welder cut circ measuring 56 cm 56cm (a) Find the num	from town A to tow or the whole journe cular plates of diam h by 42 cm shown b 42cm	wn E is 260km. Calculate the av y. Heter 14 cm from a rectangular sl elow.	rerage speed (2marks) heet of meta
27	(c) The distance of the taxi for A welder cut ciro measuring 56 cm (a) Find the num	from town A to tow or the whole journe cular plates of diam h by 42 cm shown b 42cm	vn E is 260km. Calculate the av y. Heter 14 cm from a rectangular si elow.	rerage speed (2marks) heet of meta

	(b) Calculate the area of the pieces of metal that remained.	(3marks)
28	In a school, there are 1	
	(a) Find the fraction of sink is the boys. The school has 192 girls $(2)$ Find the fraction of sink is the fraction of sink is the boys.	•
	(a) Find the fraction of girls in the school.	(2marks)
-		
	(b) Calculate the total number of pupils in the school.	(3marks)
		(omurko)
		•
20	The interior angle of a regular set of the transmission of the second set of the second secon	
27	(a) Find the size of the exterior angle	(0
		(2marks)
		·
	(b) Coloulate the interiment	
	(b) Calculate the interior angle sum of the polygon.	(3marks)
	· · · · · ·	-
-	© Prime Educational Consult 2022. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 THE PRIME MATHEMATICS PRE- PLE TRIAL SET V EXAMINATIONS 2022.	Page   7
	FUR ALADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING LESSON COURSE BOOKS AND PUPILS' WORKBOOKS.	GAMES,
	A second second and the second and the second se	

4	Mr. Katebe deposited sh. p.a. Find how long the m	. 800,000 in a bank which offers an interest rate of 5 noney stayed in the bank if it amounted to sh. 820,0	5% 00.
		(4 <i>ma</i> )	rks
	1		
	•		
5			<u> </u>
5	(a) Using a pair of compa	isses, a ruler and a pencil only, construct a triangle	
ĺ	KLM where $KL = KM = 6$	$6.5 \text{ cm and angle MKL} = 120^{\circ}. \qquad (4m)$	ark
		· · · · · · · · · · · · · · · · · · ·	
		,	
	•		
	(b) Measure length LM.	(1m	arl
	1	· · · ·	

	(b) If the pupils who don't enjoy Netball at all are <b>28</b> pupils, f	ind the value of h. (2marks)
	(c) Calculate the total number of pupils in the class.	(1mark)
22	Work out $43_{five} + 24_{five}$ and give your answer in binary base.	(5marks)
23	The list below shows prices of items in a certain shop. $2\frac{1}{2}$ litres of milk at sh.5500 250g of tea leaves at sh.3000 per kg. 1 loaf of bread at sh.4500 4kg of sugar at sh.3200 per kg.	
	(a) How much will 4 litres of milk cost?	?marks)
	(b) Calculate the total expenditure on the items above.	(4marks)

	(b) Calculate the area of the pieces of metal that remained.	(3marks)
28		
20	In a school, there are $\frac{1}{7}$ more girls than boys. The school has <b>192 girls</b>	•
	(a) Find the fraction of girls in the school.	(2marks)
(	b) Calculate the total number of pupils in the school.	(3marks)
9 T	he interior angle of a regular polygon is twice its exterior angle.	
	of the exterior angle.	(2marks)
(h	) Calculate the interior of the second	
	, calculate the interior angle sum of the polygon.	(3marks)
F	© Prime Educational Consult 2022. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 THE PRIME MATHEMATICS PRE- PLE TRIAL SET V EXAMINATIONS 2022. OR ACADEMIC EXCELLENCE, ALWAYS LISE THE DRIVE OF	Page   7
	Visit "www.prime-learn.com" for Online Video lessons, Exercises and Trial tests with Marking and Source Sou	AMES,

	·····			<u></u>	
26 Th	e time table b	elow shows the jou	rney of a taxi from to	wn A to towr	n E. study
it c	arefully and	use it to answer the	questions that follow	7.	
	Town	Arrival time	Departure time		
	A	、	8:30 am		
	В	9:45 am	10:00 am		
	C	11:20 am	11:25 am		
	D	1:30 pm	1:40 pm		
	E	3:00 pm	1:40 pm		
(a)	Express the a	rrival time of the ta	ixi at town E in 24ho	ur clock.	(1marks)
(b)	How long did	the taxi take to tra	vel from town A to t	own E?	(2marks)
(c)	The distance of the taxi fo	from town A to tow or the whole journey	vn E is 260km. Calcul /.	ate the avera (2	ge speed 2 <i>marks</i> )
27 Av me	velder cut ciro asuring 56 cm	cular plates of diam 1 by 42 cm shown be	eter 14 cm from a rec 21ow.	tangular shee	t of metal
	0	42cm			
(a)	Find the num	ber of circular place	the cut from the me	etal sheet.	(?ma <b>rks</b> )
F		Incational Consult 2021, TEL: 01- IE PRIME MATHEMATICS PRC- 917 ENCE, ALWAYS USE 11(C FROM) LESSON COURSE 10- 1010 2021 2020 2021	RIAL SET V EXAMINATIONS 2022 RIAL SET V EXAMINATIONS 2022 RIAL G FRAMEWORKS HOUT A LICAND PUPILST WORKBOOKS,	PACKAGES, LEARNIN	P≊2e ⊨ 6 13 O G T SES.

	(b) Calculate the area of the pieces of metal that remained.	(3marks)
28	In a school, there are $\frac{1}{2}$ more girls than boys. The school has 102 girls	
	(a) Find the fraction of girls in the school.	(2marks)
	(b) Calculate the total number of pupils in the school.	(3marks)
		•
. 29	The interior angle of a regular polygon is twice its exterior engly	
	(a) Find the size of the exterior angle.	(2marks)
~	(b) Calculate the interior angle sum of the polygon.	(3marks)
	© Prime Educational Consult 2022. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 THE PRIME MATHEMATICS PRE- PLE TRIAL SET V EXAMINATIONS 2022. FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING LESSON COURSE BOOKS AND PUPILS' WORKBOOKS.	Page   7 GAMES,

.

A rectangular tank A measuring 80cm by 50cm by 60cm was filled with passion 30 fruit juice and sold using container B measuring 10cm by 10cm by 5cm at sh.1000 per container as shown below. Α 40cm B 5cm 45cm 10cm 80cm 10cm (2marks) (a) Calculate in litres the juice in tank. (b) How much money did the seller get if all the juice was sold? (4marks) On a farm, there are 8 more cows than goats. The number of sheep is 6 less the 31 number of goats. The total number of goats and sheep is 2 more than the cows. Find the number of cows on the farm. (4marks) © Prime Educational Consult 2022. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 THE PRIME MATHEMATICS PRE- PLE TRIAL SET V EXAMINATIONS 2022. FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES, LESSON COURSE BOOKS AND PUPILS' WORKBOOKS. Visit

