THE JEROX EDUCATIONAL SERVICES - KAMPALA SPECIAL SET EXAMINATION 2024 MATHEMATICS

Time Allowed: 2 Hours 30	Minutes		
Random No.	Persona	l No.	
CANDIDATE'S NAME:			
CANDIDATE'S SIGNATURE:			
CANDIDATE O CICITATORE.			
DISTRICT NAME:			
Read the Following Instruction Carefully:		-	
I. This paper has two sections A and B .	FOR EXA	MINER'S	USE ONLY
2. Section A has 20 question (40 marks) and section B has	Qn. No	Mark	Exr's No.
12 questions (60 marks).	1 – 10		
B. Answer all questions. All answer to both sections A and B must be	11 – 10		
written in the spaces provided.	21 - 30		
. All answer must be written using a blue or black ball point pen or ink.	31 – 40	3-33	
Any work written in pencil other than graphs and diagrams will not be	41 - 50		
marked	51	and had	
. Un necessary changes of work may lead to loss of marks.	52	inact.	100 8 8
Any handwriting that cannot easily be read may lead to loss of marks.	53		
Any nangwriting that cannot easily be read may lead to loss of marks.			THE RESERVE OF THE PARTY OF THE

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7. Do not fill anything in the boxes indicated;
"For examiners" "Use only" and those inside the question paper

TURN OVER

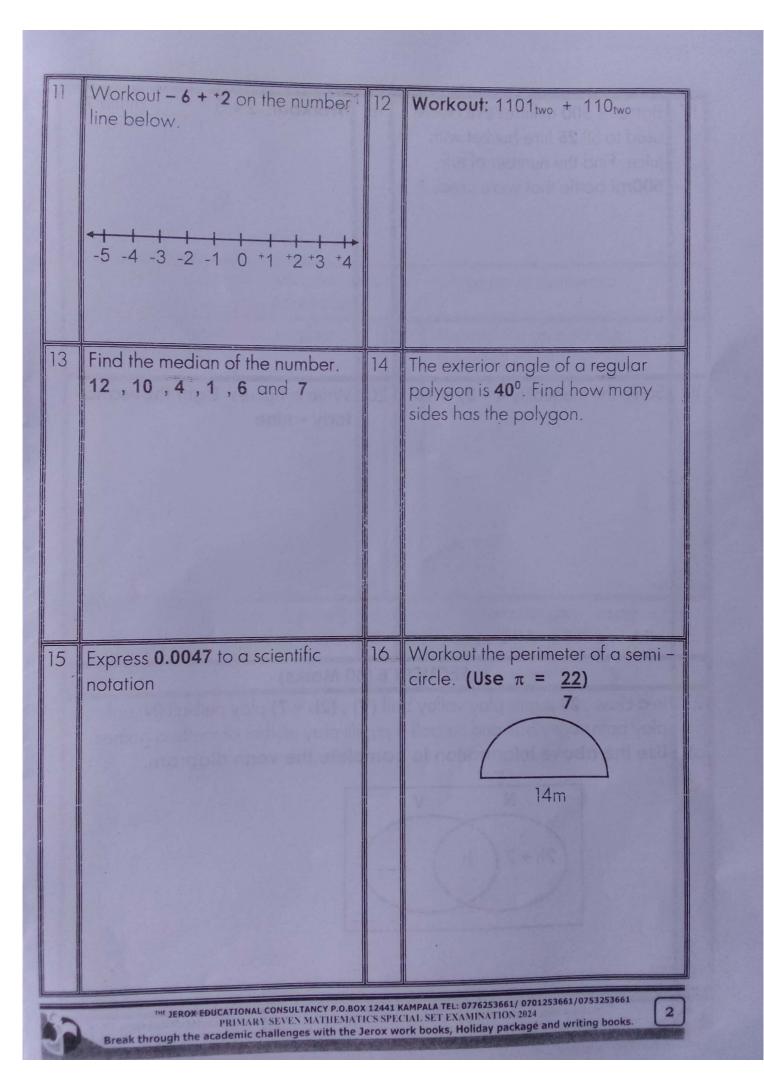
55

TOTAL



sh 5 Ro	n the Venn diagram below, hade the region. (BC). BC C Ound off 63.79 to the nearest nes.	4	Simplify: 5b + 2b - 3b Change 9:47pm to 24 hour clock.
		6	Change 9:47pm to 24 hour clock
siz	lse a protractor to measure the ze of angle ABC below. A B C Ingle ABC =	8	Change 0.42 tones to kilograms.
9 Fi	ind the smallest number that can e divided by 9 or 12 and leaves as the remainder.	10	Calculate the simple interest which will yield on sh. 720,000 at interest rate of 10% per annum for 8 months.





j	Bottle of 500 millitres (ML) were used to fill 25 litre bucket with juice. Find the number of full 500ml bottle that were used.	18	Workout: 2 ÷ 5 = (finite 7)
19	Solve the inequality 4 – 3y < 16	20	Write in figures: Eight thousand forty – nine
	SECTION	B (6	0 Marks)
	In a class , 20 pupils play volley be play both volley ball and netball 5 Use the above information to a Σ $2h + 7$ h	pup	
			(02marks)



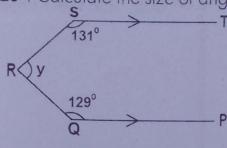
CS CamScanner

(b)	If 28 pupils play netball altogether, find the value of h.
	(02marks)
22	Mariam deposited 100 – ten thousand shillings notes numbered consecutively up to AB894300.
a)	Find the registration number of the first note. b) Workout the amount she deposited. (02marks)
23 a)	With help of a ruler, a pencil and a pair of compasses only, construct a triangle CAP such that angle CAP is 45°, angle CPA is 60° and AP is 8cm.
	(04marks)
52	THE JERØX EDUCATIONAL CONSULTANCY P.O.BOX 12441 KAMPALA TEL: 0776253661/0701253661/0753253661 PRIMARY SEVEN MATHEMATICS SPECIAL SET EXAMINATION 2024 Break through the academic challenges with the Jerox work books, Holiday package and writing books.

b)	Bisect angle CAP and angle CPA . Let the bisector meet at point O .	c)	Measure angle AOP.
	(01mark)		(01mark)
24 a)	Find the value of y if 42eight = 37y	b)	Workout: 43 _{five} x 12 _{five}
25	11	0)	Simplify: $\frac{4}{5} \times \frac{3}{7} \div \frac{9}{14} \div 2\frac{7}{15}$
	(02marks)		(03marks)

26	A book costs sh. 200 more than a pen and a geometry set costs twice as a book. Find the cost of a geometry set if the total cost of the three items is sh. 8,400 .
27 a)	If today is Wednesday 14th , June. Find the day of the week it will be on 20th , August the same year.
b)	In a mathematics tests of 20 questions, the teacher a warded five marks for every correct answer and deducted two marks for every wrong answer. Asiimwe scored 65 marks. Find the number of question she failed.
28	In the figure ABE is a triangle, angle BAE is 45° and angle AEB is 55°. Study it and use it to answer questions which follow. a) If angle EBD is thrice the size of angle CBD find the value of e. (02 marks)
3	THE JEROX EDUCATIONAL CONSULTANCY P.O.BOX 12441 KAMPALA TEL: 0776253661/0701253661/0753253661 PRIMARY SEVEN MATHEMATICS SPECIAL SET EXAMINATION 2024 PRIMARY SEVEN MATHEMATICS SPECIAL SET EXAMINATION 2024 On the product of the production of the product of the

b) In the figure below, PQ is parallel to ST, angle RST = 131° and angle RQP = 129°. Calculate the size of angle y.



(02marks)

A wire was curved to make a rectangle **26cm** long and **18cm** wide was later curved again to form a circle. Calculate the diameter of the circle.

(04marks

The table below shows the journeys travelled by a motorcyclist from town **A** through towns **B** and **C** to town **D**.

Study it and answer questions that follow.

Towns	Arrival time	Departure
A		8:00 a.m
В	10 : 45 a.m	11 : 00a.m
C	12 : 30p.m	12 : 45p.m
D	2:00p.m	

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a)	For how long did the motor cyclist stay at town B .
	(02marks)
b)	Calculate the total time the motorcyclist spent travelling for the whole journey. C) If the distance from town A to town D is 360km, calculate the average speed for the whole journey.
31	In a primary seven $\frac{1}{4}$ of the boy play football, $\frac{2}{5}$ of the remainder play volley ball and rest of boys play tennis. If those who play tennis are 18 ,
	find the total number of boys in the class.
	(05marks)

