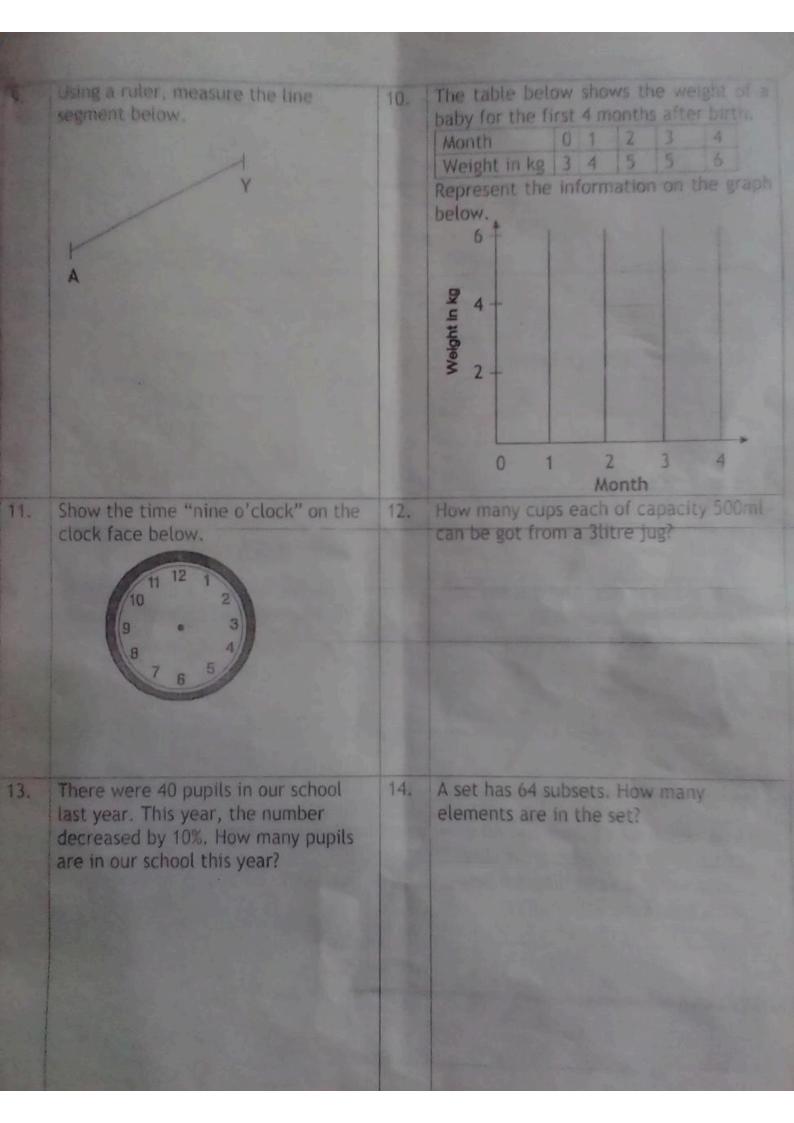
BBROAD EXAMINATIONS®

P.6 MATHEMATICS EXAMINATION END OF TERM III 2023

Punil's Name:	allowed: 2 hours 30 minutes	367		
Pupil's Name:		***********	*******	*********
School Name:				
District Name:				
Read the following instructions car	efully:	FOI	REXAMINE	RS'
1. This paper is made up of two sections: A and B.		USE ONLY		
2. Section A has 20 questions (40 M	arks)	PAGES	MARKS	SIGN
3. Section B has 12 questions (60 M	arks)	Page 2		
4. Answer ALL questions in both se	ctions A and B.			
5. All answers must be written in the	space provided in	Page 3		
blue or black ball point pens and i	nk. Only diagrams should	Daga 4		
be done in pencil.		Page 4		
6. Unnecessary crossing of answers	will lead to loss of marks.	Page 5		
7. Any handwriting, which cannot b	e easily read, may lead to		R B	
loss of marks.		Page 6		
8. Do not fill anything in the boxes i	ndicated for	Dana 7		
Examiners' use only.		Page 7		
		Page 8		
		TOTAL		
	-			
Teacher's comment to t	ne learner			-
		Approved		
		46	-	Onut.
		Team He	ad Mathematic	a Dept.

SECTION .A. (40 Marks)

1.	Oivide: 10 + 2	2.	In the space below, draw a cylinder.
3.	Express $2\frac{3}{5}$ as an improper fraction.	4.	Find the next two numbers in the sequence below. 4, 8, 12, 16,,
5.	Find the highest number of children who can share 12 mangoes or 18 mangoes with no remainder.	6.	Given that A-B = {4, 6, 7}, A\(\text{B} = \{2,3\}\) and B-A = \{8, 0,5\}. Find n(AUB).
,	Sarah and Jonah shared sh. 1800 equally. How much money did each get?	8.	Work out; ·5 + · 7



21.	19.	17.	Çă,
In a village of 65 farmers, 40 grow groundnuts (G), crops while 8 farmers grow other crops. Complete the Venn diagram below to (b) How many formation. In (E) = 65 In (G) n(M) In (G) n(M)	In a line of pupils, Nellic is the 10th from one side and the 21st from another side. How many pupils are in the line?	The temperature on the top of a hill dropped by 10°C to -5°C. Find the original temperature before.	Using a ruler, a pencil and a pair of compasses only, construct an angle of 45°
(b) und	20.	100	16.
(60 Marks) Indnuts (G), 30 grow maize (M), y grow both How many farmers grow both crops?	A parent covered a distance of 8 km in 40 minutes. Find his average speed.	Work out the volume of the cube below.	Show 123 _{tive} on the abacus.

	(a)	24.	ä	²	8
C# D#	Write the integer shown by arrows; (b) What math the above	Study the number line below and answer questions that follow	On a poultry farm, 0.6 of the birds are layers and the rest are broilers. If there are 200 broilers; (a) How many birds are on the farm?	(a) Expand 4068 using place values. (b) What no 80000 + 900	If a farmer is selected from the village at random, find the probability that the farmer grows groundnuts only.
	What mathematical sentence is shown the above number line?	s that follow.	ilers are les	(b) What number is expanded below 80000 + 900 + 80 + 5?	nd the probability that the

(a) Using a ruler, a pencil and a pair of compasses only, construct a triangle from which PQ = 6 cm, angle PQR = 90° and QPR =30°

(a) Measure angle PRQ.

500g of salt for sh. 1000 2% litres of milk for sh. 600 per half litre cup 3 bic pens for sh. 600 a pen 6 exercise books for sh. 1200 a book

(05 Marks

Find his total expenditure.

Study the cuboid below and answer questions that follow. 5cm

8cm

27.

(05 Marks

	(a)		29.	28.	•
	If its average speed was 40 km/hr, how far is town M from town N?	9 10 11 12 1 8 2 2	M. Departure from town N (morning)	A, B and C contributed money in the ral If A, B and C contributed sh.3,600,000. How much money did each contribute?	part.
(ii) reach town M?	(b) At what time did the bus; (i) leave town N?	8 4 10 11 12 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1	M. Departure from town N (morning) Arrival to town M (evening)	itio 3:4:5 respectively to start a busi	(b) Calculate the total length of all its edges.

