THE VERIFIED UNEB BLUE PRINT ITEM (ONE)

SECTION A (40 MARKS)

1. Work out: 98 + 2	2. Write 404040 in words
3. Set K has 15 proper elements are in set K?4. Use the number line to	subsets. How many workout 3 x 2 .
5. What is the number CDXLIV in Hindu-Arabic written in the scientific form as 3.87 x 10 ³ ?	that has been 6. Write numerals.
1000kg . Find bags.	8. The mass of 4 bags is the mass of seven similar
7. Find the sum of the next numbers the sequence. 81, 64, 49, 36,,	two in

kilograms.

9. Convert 4.5 tonnes to

10. Workout 42 five + 44
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- 11. A **forty minute** lesson ended at. **10:20**_{a.m} .At what time had it begun?
- 12. Having sold a shirt at **Shs48,000**. A trader made a loss of **Shs2,000**. Find the price at which she had bought it.
- 13. Draw an angle of **60°** using a protractor and a very sharp pencil.

 $(4x10^{\circ}) + (3x10^{-2})$

expanded to give. (8x10²) + (6x10¹) +

- 16. Okurut bought a **50kg** bag of sugar number of packets he got.
- 17. Convert 36km/hr. to meters per
- and packed it in packets of 12. Find the second.

18. Workout: (4.8 x 108) - (8 x 4.8)

SECTION B (60mks)

21. The venn diagram below shows the number of pupils that passed Mathematics (M) and science (S) in a class.

n(M)

2x 10 x + 25

8

n(S)

a). Find the value of **x** if **50** pupils passed science. (3mks)

b). How many pupils are in the class? (2mks).

- 22. Oboth went shopping and bought the Bought items on the list below.
- (a). Complete the table below. (2mks)

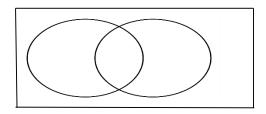
ITEM	QTY	UNIT COST	AMOUNT
Rice	4kg	Shs 4,000	Shs
Bread	3 loaves	Shs	Shs 15,000
Milk	litres	Shs 2,000	Shs
Total			Shs 35,000

(b). If he was given a discount of 10% on

the total cost, how much did he pay? (3mks)

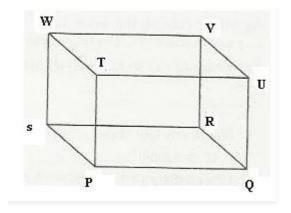
23.(a). Semanda left town **A** at **7:30**_{a.m.} and moved to town **B** at **40km/hr** for **3 hours**. She continued to town **C** at **30km/hr** for **2 hours**. At what time did she reach town **C**?(2mks)

b). Calculate her average speed for the whole journey. (3mks)



24a). Simplify: $\frac{3}{4} - \frac{1}{2} + \frac{1}{3}$ (2mks)

(b). Find the volume of the cuboid. (3mks)



b). Workout: <u>0.036 x 0.9</u> (3mks) 0.18 x 0.3

(c). Calculate the total length of the

edges.(2mks)

25. The figure below is of a cuboid. Study it and use it to answer the the following questions.

2(k-1)cm

26. a).Omondi is four times as old as Kalanzi now. **5** years ago, the difference between **(k+2)cm** their ages was **36** year. How old is Kalanzi now?(3mks) **(k + 1)cm**

(k + 4)cm

(a). Find the value of \mathbf{K} . (2mks)

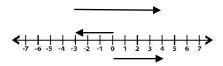
(b). How old was Omoding 5 years ago?

(2mks)

29a).The interior angle of a regular polygon

polygon is **144**°. How many sides has the polygon? (3mks)

27(a). Given that the current exchange



rates are:- Us \$1=UgShs 3,680 , TZShs1=
Ug\$hs 1.5 . How much money in Uganda
shillings can I get if I have US \$500.(2mks)

(b). Calculate the sum of its interior angles.

(2mks)

(b). If a bicycle costs UgShs450,000. How much money in TZ shillings can one pay for the bicycle? (2mks) 30.a). In a school with 1800 pupils, 60% are girls, the rest are boys. Find the percentage of boys. (1mk)

school. (2mks)

(b). Calculate the number of girls in the

28. Use the number line below to answer questions that follow.

(c). Find the number of boarder boys if 3/4 of the boarders are boys. (2mks)

C

(b). Write a mathematical sentence represented by arrows. (2mks)

31. The table below shows the marks scored by some of the pupils in when filled up.

test which was marked out of 20

Marks	No. of pupils	Total marks	a.) below:
20		100	b). How
16	5		
	12	120	
15	8		

c). Workout their average mark.

32. The two tanks hold the same amount of Maths water

marks
Complete the table
(2mks)
many pupils did the test? (1mk)
70cm
A

B

44cm

(2mks) (a). Find the radius of tank A. (3mks)

b). How many litres of water does tank **B** hold?