INTENSIVE CARE SCHOOLS WANDI - TEREGO

P.5 End Of

Term I Examinations 2024.

Mathematics.

Time allowed: 2 hours and 30 minutes

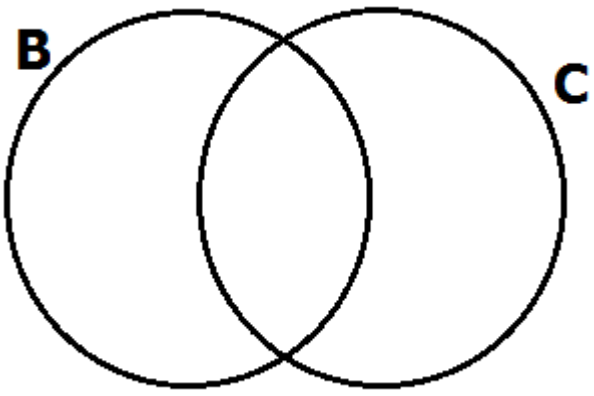
Name: _____

SECTION A (40 marks)

1. Work out: 12 x 4 =

2. Write 28 in Roman numerals.

3. Shade the region representing set B – C in the Venn diagram below.

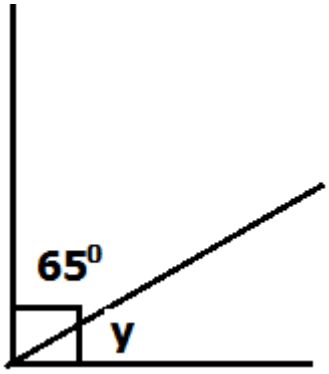


4. Find the square of 7.

5. Reduce $^{8}/_{12}$ to its lowest terms.

6. Write 40324 in words.

7. Find the value of the unknown angle.



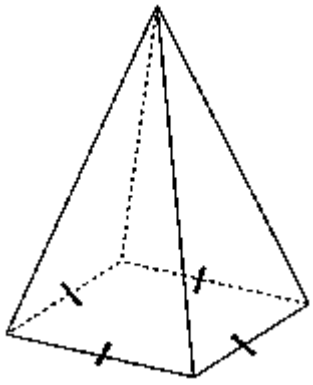
8. Given that  stands for 10 cups. How many such pictures represent 70 cups?

9. A school assembly started at 8:00 a.m. and took 1 hour 30 minutes. When did it end?

10. Peter changed a ten thousand shilling note into 2000 shilling notes. How many two thousand shilling notes did he get?

11. Change 500 cm to metres.

12. Name the figure below.



13. Express $^{3}/_{10}$ as a decimal.

14. Find the next number in the sequence: 5 , 5 , 6 , 8, 11 , _____

15. Work out: 15 ÷ 3 x 4

16. Which number has been expanded to give: (4 x 10,000) + (3 x 100) + (5 x 10) + (6 x 1)?

17. If set A = {All even numbers from 2 to 18}, find n(A).

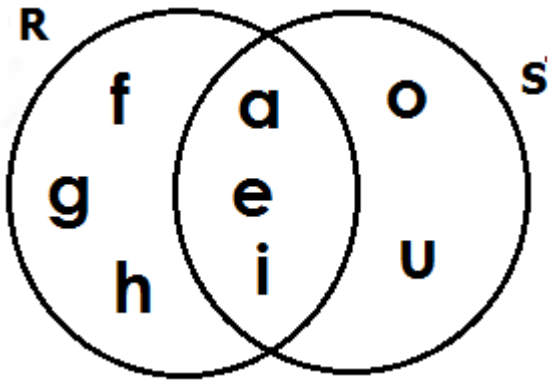
18. Work out: $^{2}/_{3}$ x ¼

19. Solve for the unknown: $\square$ − 6 = 14

20. Kapata bought a radio at sh. 32,000 and sold it to Kitufu at sh. 27,000. What was Kapata's loss?

Section B: (60 marks)

21. **Study the Venn diagram below and answer the questions that follow.**



(a) List the members of: **(1 mark each)**

(i) set R.

(ii) Set S

(iii) R ∩ S

(iv) R – S

(b) Find: **(1 mark each)**

(i) n(S – R)

(ii) n (S U R)

22. Given the number: 76953

(a) Round off the number above to the nearest thousand. **(2 marks)**

(b) Calculate the quotient of the place value of 6 and the value of 5 in the number above. **(3 marks)**

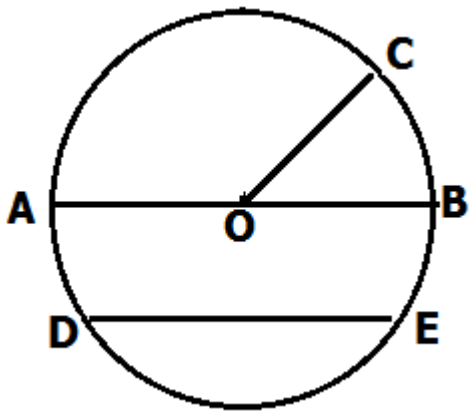
23. A P. 5 class went for a tour using 4 taxis and 5 buses. Each taxi carried 16 pupils while each bus carried 48 pupils.

(a) How many pupils were carried by the taxis? **(2 marks)**

(b) How many pupils were carried by the buses? **(2 marks)**

(c) How many pupils went for the tour altogether? **(1 mark)**

24. **Study the figure below and answer the questions that follow.**



(a) Name: **(1 mark each)**

(i) line AB _____ (ii) line OC _____

(iii) DE _____

(b) Draw a pair of parallel lines in the space given below. **(2 marks)**

25. In a class of 60 pupils, $^{3}/_{5}$ are girls and the rest boys.

(a) Find the fraction of the boys in the class. **(1 mark)**

(b) How many girls are in the class? **(3 marks)**

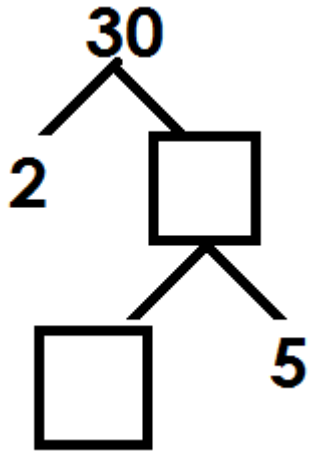
(c) Find the number of boys in the class. **(1 mark)**

26. **Use < , > or = to make the statement correct.** **(1 mark each)**

(a) $^{2}/_{8}$ _____ ¼ (b) 3 km _____ 300 m

(c) 4kg of feathers _____ 4 kg of cement (d) XIV _____ XVI

27(a) Find the missing numbers in the factor tree given below. **(2 marks)**



(b) Find the sum of the first 3 composite numbers. **(2 marks)**

(c) Find the GCF of 20 and 24. **(2 marks)**

28(a) Simplify: 3p + 4p – 2p **(1 mark)**

(b) Solve the following equations: **(2 marks each)**

(i) $\square$ x 5 = 30 (ii) 18 ÷ $\square$ = 6

29(a) How many minutes are in 3 hours? **(2 marks)**

(b) Work out:

	Weeks	**Days**
	7	3
-	4	4

(2 marks)

(c) How many months starting with letter 'J' are in a year? **(1 mark)**

30(a) Paul poured 12 litres of oil into small tins a quarter litre each. How many tins did he fill? **(2 marks)**

(b) John is 32 kg. Peter is 3 times the mass of John.

(i) How heavy is Peter? **(2 marks)**

(ii) Calculate their total mass. **(1 mark)**

31. Katereka went to Nakumatt and bought the following:

2 cups at sh. 3200

a spoon at shs. 1200

a plate at sh. 2000

a kg of sugar at sh. 4000

(a) How much money did he spend on each cup? **(2 marks)**

(b) How much more money did he spend on a plate than a spoon? **(2 marks)**

(c) Calculate Katereka's total expenditure. **(2 marks)**

32. **The table below shows the number of passengers who traveled from Kampala to Mukono in five days.**

Day	**Mon.**	**Tue.**	**Wed.**	**Thur.**	**Fri.**
Number	80	65	40	71	94

(a) What was the highest number of passengers recorded? **(1 mark)**

(b) How many more passengers traveled Monday than Tuesday? **(2 marks)**

(c) Find the number of passengers who travelled on Wednesday. **(1 mark)**