SMILE EDUCATION CONSULTACY BUSUNJU
P. 5 End of Term III Examination, 2023.
Mathematics.
Time allowed: 2 hours and 30 minutes

Name: _____

SECTION A: (40 marks)

1. Work out: 6 ÷ 2.

2. Find the missing numbers in the sequence: 1, 4, 9, 16, ____

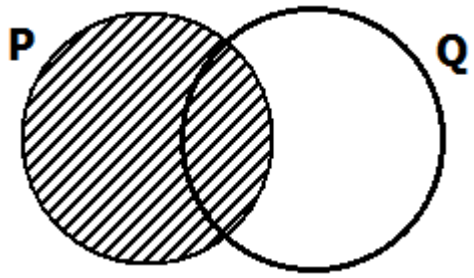
3. Change 9 metres to centimeters.

4. Write 69 in Roman numerals.

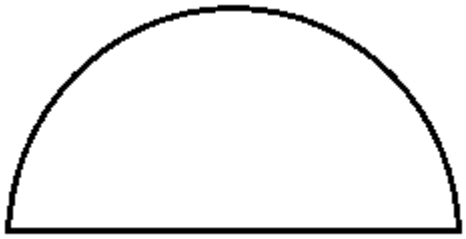
5. A trader bought a cup for sh. 15,800 and later sold it at sh. 14,000. What was her loss?

6. Find the GCF of 12 and 15.

7. Describe the unshaded area in the Venn diagram.



8. How many lines of folding symmetry does the figure below have?



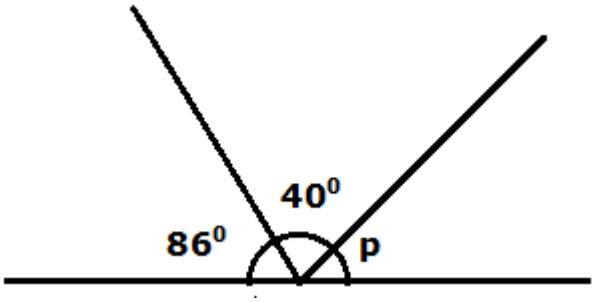
9. Solve: ☐ ÷ 8 = 5

10. Use tally marks to represent 27 mangoes.

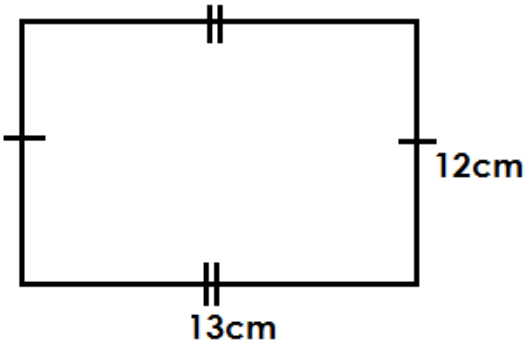
11. Work out: $\frac{2}{5} - \frac{1}{4}$

12. Round off 6432 to the nearest hundred.

13. Find the value of p in the figure below.



14. Calculate the area of the figure below.



15. Convert 14_{ten} to base five.

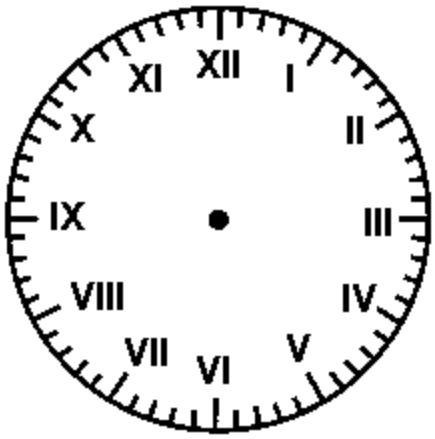
16. If set P = {all triangular numbers less than 13}. Find n(P).

17. Simplify: 6p – 3p + 2p

18. Find the place value of 2 in 36.2.

SEC

20. Show a quarter to 6 o'clock evening time on the clock face given below.



19. Work out:

	Weeks	**Days**
	16	3
–	2	5

Section B: (60 marks)

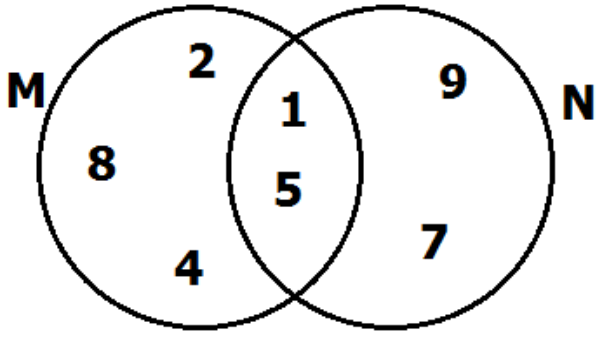
21. On Kalema's farm of 240 birds, $^{7}/_{10}$ of them are layers and the rest are broilers.

(a) Find the fraction of broilers on the farm. **(2 marks)**

(b) How many layers are on the farm? **(2 marks)**

(c) How many broilers are on the farm? **(2 marks)**

22. **Use the Venn diagram below to answer the questions that follow.**



(a) List d **(1 mark each)**

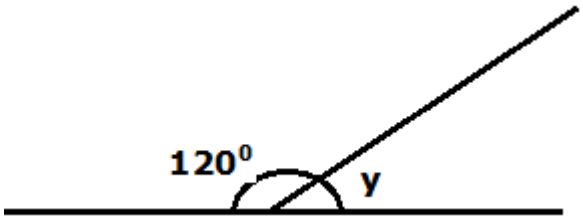
(i) $M \cap N$

(ii) $N - M$

(iii) $M - N$

(b) Find n(M U N). **(1 mark)**

23(a) Find the value of y in the figure given below. **(2 marks)**



(b) Using a ruler, a pencil and a pair of compasses only, draw a line segment MN = 6.5cm.
(2 marks)

24(a) Write 46,502 in expanded form. **(2 marks)**

(b) What is the difference between the value of 3 and the value of 4 in the number 83,645? **(3 marks)**

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

(a) 0.4 _____ 0.6

(b) 28 days _____ 3 weeks

(c) $\frac{2}{4}$ _____ $\frac{1}{2}$

(d) 400g _____ 4 Kg

26(a) Balu drove at a speed of 60 Km/hr for 2 hours from home to town. How far is the town from his home? **(2 marks)**

SEC

(b) A football match started at 2:10 p.m. and ended at 4:00 p.m. How much time did the match take? **(2 marks)**

(c) How many days are in $2\ ^{3}/_{7}$ weeks? **(2 marks)**

27. A housemaid was sent to the shop and bought the following items:

3Kg of suagr at sh. 12000

1Kg of rice at sh. 5000

A bar of soap at sh. 4500

(a) Find the cost of each kilogram of sugar. **(2 marks)**

(b) How much money did the housemaid pay altogether? **(2 marks)**

(c) If she went with sh.50,000 note, what was her change? **(2 marks)**

SEC

28. 300 pupils in P.5 went on a study trip in term II. 10 buses were hired to transport all the pupils. If all the buses transported an equal number of pupils:

(a) How many pupils were in each bus? **(2 marks)**

(b) If each pupil was given two sweets, how many sweets were given out altogether? **(2 marks)**

29. Solve: **(2 marks each)**

(a) $\square - 6 = 13$ (b) $3 \times \square = 24$

(c) $\square + 16 = 28$

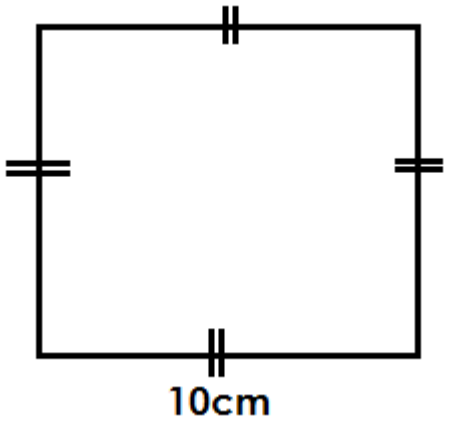
30(a) What number has been factorised to give: 2 x 2 x 3? **(2 marks)**

SEC

(b) Find the GCF of 12 and 18. **(2 marks)**

(c) Find the sum of the first 5 prime numbers. **(2 marks)**

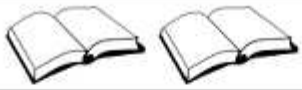
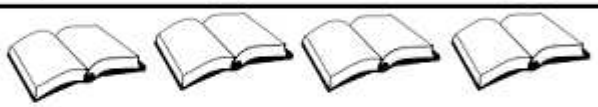
31. **Study the figure below and use it to answer the questions that follow:**



(a) Calculate the area of the figure. **(2 marks)**

(b) What is the perimeter of the figure? **(2 marks)**

32. **The graph below shows the number of books that were borrowed by each P.5 stream.**

class	Number of books
P. 5 A	
P. 5 B	
P. 5 C	
P. 5 D	
P. 5 E	

 **stands for 6 books**

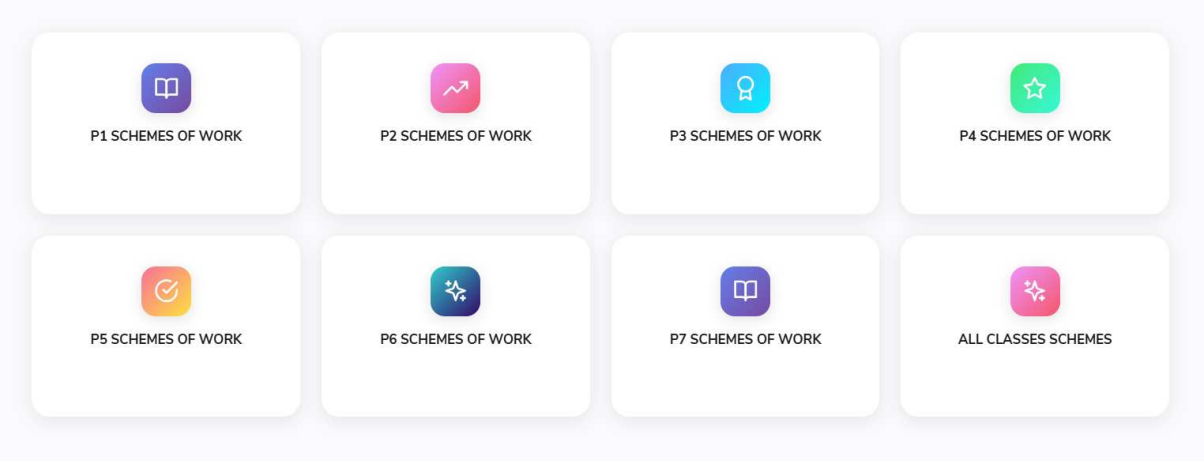
(a) Which stream borrowed the highest number of books? **(1 mark)**

(b) How many more books did P.5.C borrow than P.5.E? **(2 marks)**

(c) Calculate the average number of books borrowed by all the classes. **(2 marks)**

*****END*****

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