

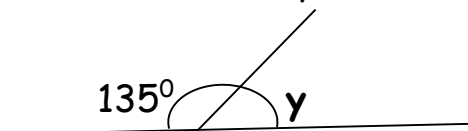
MOTHERCARE PREPARATORY SCHOOLS
ASSESSMENT WORK TERM II 2020 SET I
P.5 MATHEMATICS

NAME: _____ STREAM _____

BRANCH: _____

SECTION A (40 MARKS)

1. Add: $255 + 12$
2. Write 4521 in words.
3. What is the value of 5 twos?
4. Given that set $R = \{a, b, c\}$. Calculate the number of subsets in set R.
5. Write 49 in Roman numbers.
6. Find the value of y in the diagram below.



7. Divide; $3535 \div 5$

8. Muntu bought a shirt at shs. 17,000 and sold it at sh. 16,000. Calculate his loss.

9. Change 24_{five} to base ten.

10. Subtract: $\frac{3}{5} - \frac{1}{4}$

11. What number has been expanded to get $(3 \times 1000) + (2 \times 100) + (4 \times 10)$?

12. Solve: $2P + 3 = 13$

13. Find the lowest common multiple of 6 and 8.

14. Round off 475 to the nearest hundred.

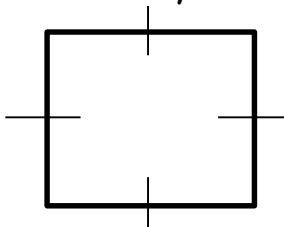
15. Simplify: $4 - 7 + 8$

16. Find the sum of the next two numbers in the sequence;


2, 3, 5, 7, _____, _____

17. A box contains 26 books. How many books are in 13 similar boxes?

18. How many lines of folding symmetry has the figure below.



19. Express $4\frac{2}{3}$ as an improper fraction.

20. Given that  represents 9 trees. Draw pictures to represent 27 trees?

SECTION B (60 MARKS)

21. Digits 4, 9, 5 and 3 were used to form four digit numbers.

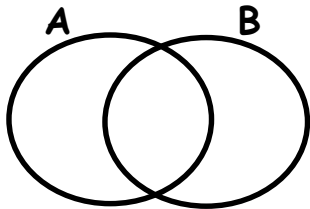
a. What was the smallest number formed? (1mk)

b. Form the largest numeral. (1mk)

- c. Calculate the difference between the largest and the smallest numbers formed? (2mks)

22. Given that set $A = \{1, 2, 3, 4, 5\}$ and $B = \{x, 3, y, m, 4\}$

- a. Represent the given information on the Venn diagram. (3mks)



- b. List the elements of $A-B$. (1mk)

- c. Find $n(A \cup B)$ (2mks)

23. Kiddu is 4 years older than Mary. Mary is 33 years old.

- (i) How old is Kiddu? (2mks)

- (ii) Find their total age? (2mks)

(iii) How old was Mary 3 years ago?

(1mk)

24. Trevor went to the shop and bought the following items.

- 1kg of sugar at shs. 3500.
- 1 bar of soap at sh. 3000
- 2 books at sh. 500 per book.

a. Find the cost of 2 exercise books.

(2mks)

b. How much money did Trevor pay for all items?

(2mks)

c. How much more money did he spend on soap than on books?

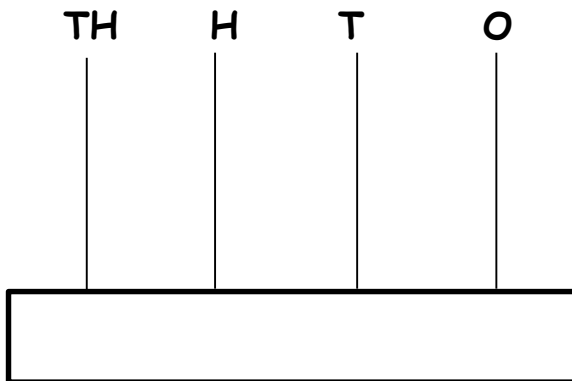
(2mks)

25. Given the numeral 3064.

a. Expand the numeral above in powers of ten.

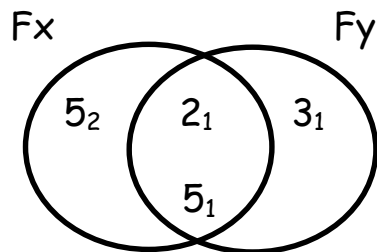
(2mks)

b. Show the number above on the abacus below. (1mk)



c. Find the value of 3 in the numeral 2305 (1mk)

26. Use the Venn diagram below to answer questions that follow.



(i) Find the value of X. (2mks)

(ii) What is the value of y? (2mks)

(iii) Find the GCF of X and Y?

(1mk)

(iv) What is the LCM of X and Y?

(2mks)

27. Use $>$, $<$ or $=$ in between the statement below.

(1mk@)

(i) $5 + 6$ _____ 3×5

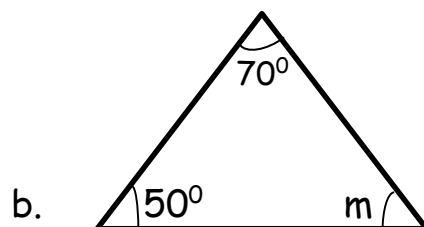
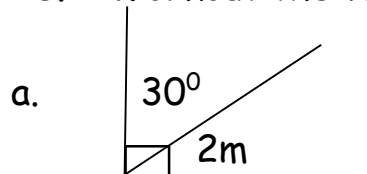
(ii) $13 - 6$ _____ 12^0

(iii) $\frac{1}{4}$ _____ $\frac{2}{8}$

(iv) XIV _____ XXII

28. Workout the value of the angles marked m.

(2mks @)



29. In a class of 40 pupils, $\frac{3}{8}$ are boys and the rest are girls.

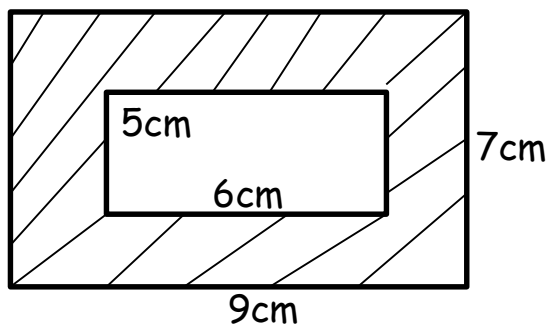
a. What is the fraction of girls? (1mk)

b. Find the number of boys in that class? (2mks)

c. How many girls are there? (2mks)

d. How many more girls than boys are there? (1mk)

30. Use the figure below to answer questions that follow.



a. Find the area of the inner figure. (2mks)

b. Find the area of the outer figure. (2mks)

c. Workout the area of the shaded part. (1mk)

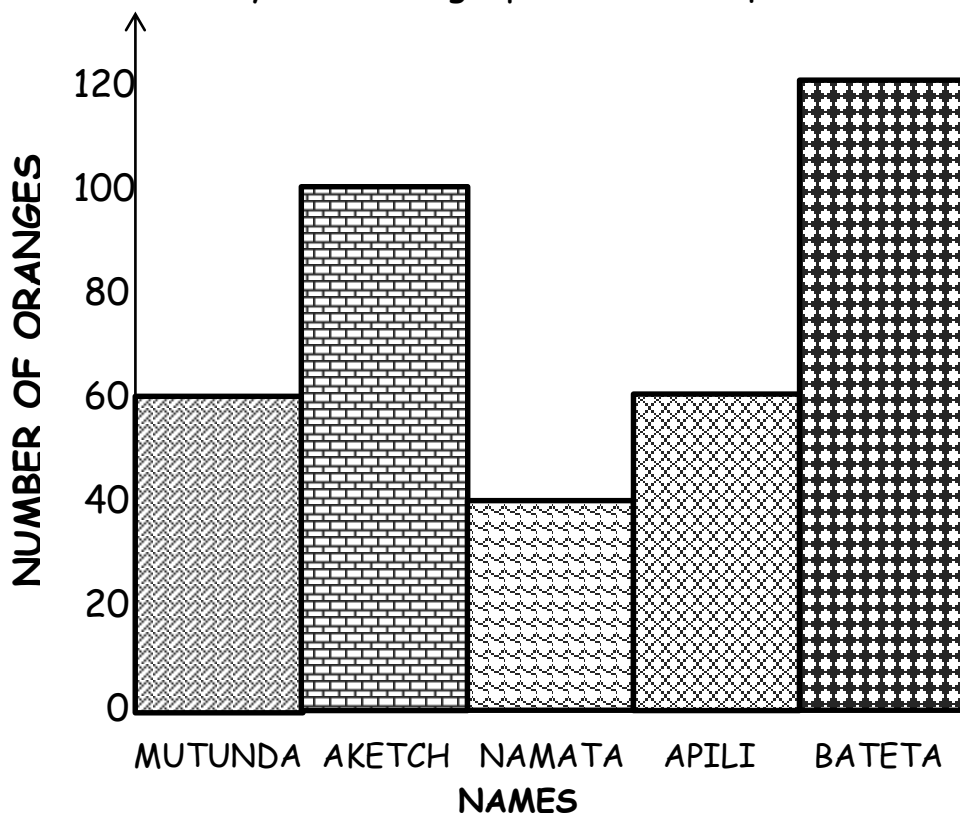
31. Given that $a = 5$, $b = 4$ and $c = 2$.

(i) $a + b + c$ (1mk)

(ii) $ab - c$ (1mk)

(iii) $\frac{a \times b}{c}$ (2mks)

32. The graph below shows the number of oranges sold by five women on a market day. Use the graph to answer questions that follow.



- (i) Which two women sold the same number of oranges? (1mk)
- (ii) How many more oranges did Bateta sell than Namata? (2mks)
- (iii) Find the total number of oranges sold by the five women. (2mks)

THE END