


**MOTHERCARE PREPARATORY SCHOOLS**  
**END OF FIRST MONTH ASSESSMENT - 2021**  
**P.5 MATHEMATICS**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

**SECTION A**

1. Work out  $3 \times 4$  using repeated addition.
  
  
  
  
  
  
  
  
  
  
2. Divide 504 by 14.
  
  
  
  
  
  
  
  
  
  
3. Find the GCF of 12 and 8.
  
  
  
  
  
  
  
  
  
  
4. Write 99 in Roman numerals.
  
  
  
  
  
  
  
  
  
  
5. Find the next number in the following sequence:  
21, 18, 15, 12, \_\_\_\_\_
  
  
  
  
  
  
  
  
  
  
6. Calculate the perimeter of the figure below.  


9cm

12cm
  
  
  
  
  
  
  
  
  
  
7. Change  $\frac{15}{4}$  as a mixed fraction.

8. Workout.

<b>Weeks</b>	<b>Days</b>
3	4
+ 1	6

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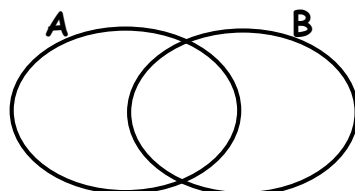
9. A school has 21 classrooms. If each classroom has 48 pupils, how many pupils are in that school?

10. If  represents 8 trees. Draw pictures to represent 40 trees.

11. Write six thousand ninety seven in figures.

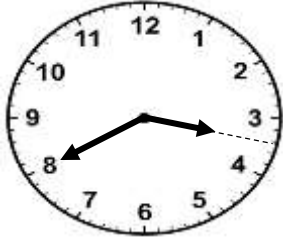
12. A bus carries 64 passengers in one trip. How many trips will it make in order to carry 512 passengers?

13. Shade (B - A) in the Venn diagram below.



14. Simplify:  $\frac{4}{9} + \frac{2}{9}$

15. What afternoon time is shown on the clock face below?



16. Draw an abacus and represent 2047.

17. What is the value of 4 in 74305?

18. Draw tallies to represent 17.

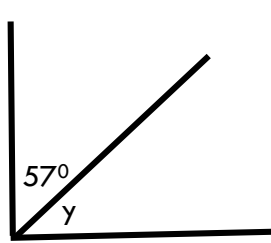
19. Round off 7153 to the nearest hundreds.

20. Workout  $5 - 6 + 9$ .

**SECTION B**

21. Find the size of the marked angles in the figures below. **(4mks)**

a.



b.



22.a. Write 110050 in words. **(2mks)**

b. In a village, there are 7056 people. If 2021 are women and 1849 are men, how many children are in that village? **(2mks)**

23. Using digits 3, 9 and 6.  
a. Form the smallest three digit number. **(1mk)**

b. Write down the largest three digit number. **(1mk)**

- c. What is the difference between the smallest and largest three digit numbers formed? **(2mks)**
24. A trader bought three trays of eggs.
- a. How many eggs did she buy? **(2mks)**
- b. If  $\frac{3}{10}$  of the eggs got broken, how many eggs got broken? **(2mks)**
- c. How much money did she get after selling the remaining eggs at sh.400 each? **(3mks)**
- 25.a. List down all the multiples of 7 less than 28. **(2mrks)**
- b. Find the Lowest Common Multiple of 4 and 6. **(2mks)**

c. List down all the factor of 16? (2mks)

26. Nakafeero went to the shop and bought the following items.

- 3 books at sh. 3,600.
- 4 pens at sh. 600 each.
- 1 geometry set at sh. 3,000.

a. How much does one book cost? (2mks)

b. How much did she pay for the 4 pens? (2mks)

c. How much money did she spend altogether? (2mks)

27. Study the magic square below and answer questions that follow.

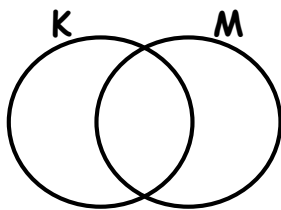
16	17	a
b	14	21
c	11	d

a. Find the magic sum. (1mk)

b. Find the value of a, b, c and d. (4mks)

28. Given that Set  $K = \{2, 3, 5, 7\}$  and Set  $M = \{1, 2, 3, 4, 5, 6\}$

a. Represent the above sets on the Venn diagram below. (3mks)



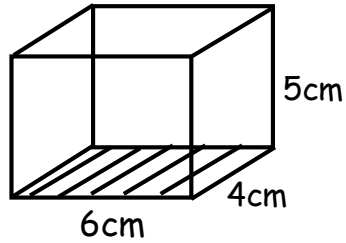
b. Find  $K \cap M$  (1mk)

c. Find  $n(K \cup M)$  (1mk)

29.a Simplify:  $2Y + 4Y + Y + 6Y$  (2mks)

b. Solve:  $P + 4 = 7$  (2mks)

30. Study the figure below and answer the questions that follow.



- a. Find the number of (3mks)
- vertices = \_\_\_\_\_
- edges = \_\_\_\_\_
- faces = \_\_\_\_\_

- b. Calculate the area of the shaded part. (2mks)

31. Given the number 4705.

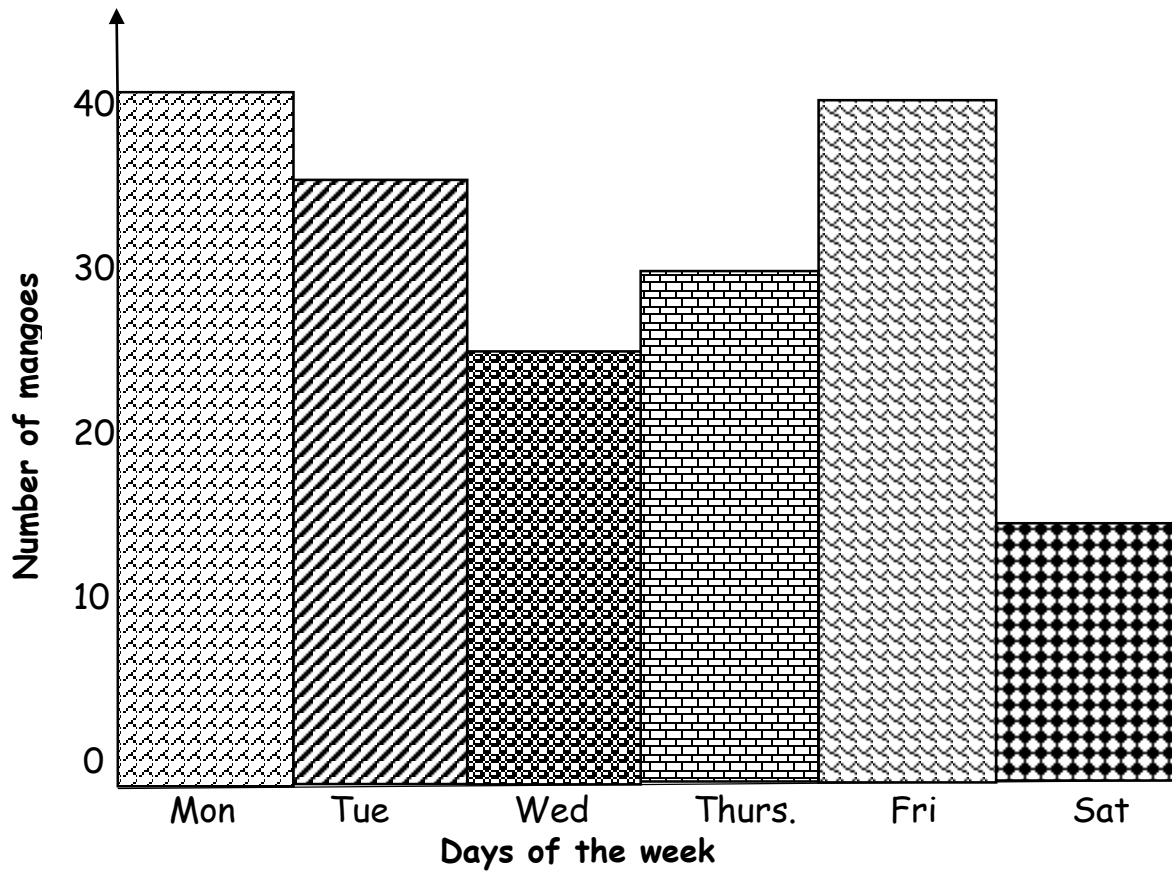
- a. Write down the place value of 7. (1mk)

- b. Write down the above number in expanded form using values. (2mks)

- c. Find the sum of the value of 4 and the value of 5 in the number above. (2mks)



32. The graph below shows the number of mangoes sold by Nasonko in a week. Use it to answer the questions that follow.



- a. How many mangoes did she sell on Tuesday? (1mk)
- b. On which day did she sell the least number of mangoes? (1mk)
- c. On which days did she sell the same number of mangoes? (1mk)
- d. What was the total number of mangoes she sold throughout the week? (2mks)

-End-