



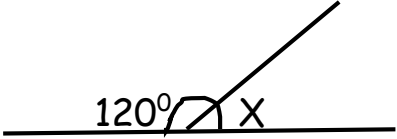
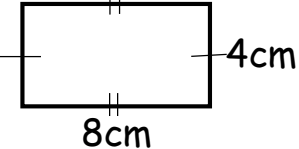
MOTHERCARE PREPARATORY SCHOOLS
ASSESSMENT WORK TERM II 2020 - SET 2
P.5 MATHEMATICS

NAME: _____ **STREAM** _____

BRANCH: _____

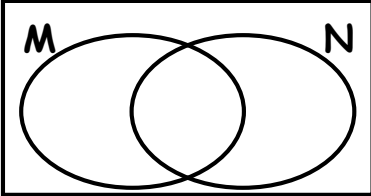
SECTION A (40 MKS)

1.	Workout: $16 + 11$	2.	Given that Set A = $\{1, 2, 3, 4\}$ Set B = $\{2, 4, 6, 8\}$ Find $(A \cap B)$.
3.	Write 3,124 in words.	4.	Find the next number in the sequence: 2, 3, 5, 7, _____
5.	Workout: $\frac{3}{4} + \frac{1}{4}$	6.	Simplify: $2a + 3a + 7a$
7.	Given that  represents 6 balls. How many balls are represented below? 	8.	With the help of a protractor and a pencil only, draw an angle of 50° .

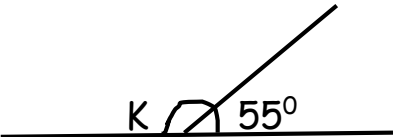
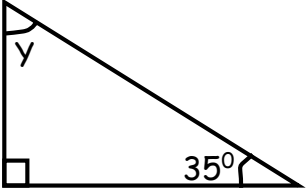
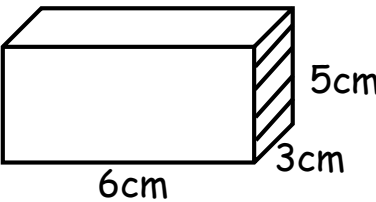
9.	Add: Weeks Days 2 3 + 1 5 ————— —————	10.	If a cup costs sh. 700. Find the cost of 4 similar cups.
11.	Solve: $m - 5 = 21$	12.	Change 6km to metres.
13.	Kawuma covered 120km in 3hours. Find his average speed.	14.	Change $2\frac{1}{2}$ to an improper fraction.
15.	Find the value of X in degrees. 	16.	Opio had 116 goats on his farm and sold 57 goats. How many goats remained on the farm?
17.	Write 44 in Roman numerals.	18.	Workout the area of the figure below. 

19. Draw tallies to show 14.	20. Find the value of X. $54 = \{ X, 3_1, 3_2, 3_3 \}$
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SECTION B (60MKS)

21.	<p>Given that Set $M = \{ a, b, c, d, e, f, g \}$ $N = \{ a, e, i, o, u \}$</p> <p>a. Represent the above sets on the Venn diagram below. (3mks)</p> <div style="text-align: center;">  </div> <p>b. Find $M \cap N$ (1mk)</p> <p>c. Find $n(M-N)$ (2mks)</p>
22.	<p>Paul scored the following marks in a mathematics series of tests. 50, 90, 80, 70 and 60.</p> <p>a. Find the median mark. (2mks)</p> <p>b. Find the range. (1mk)</p> <p>c. Calculate his mean mark. (2mks)</p>

23.	<p>In a class of 60 pupils, $\frac{2}{3}$ of the class are girls.</p> <p>(i) What is the fraction of boys? (1mk)</p> <p>(ii) How many boys are in the class? (2mks)</p> <p>(iii) How many more girls than boys are in the class? (2mks)</p>
24.	<p>a. Add: $\begin{array}{r} 234_{\text{five}} \\ + 12_{\text{five}} \\ \hline \end{array}$</p> <p>b. What number has been expanded to get $(4 \times 10^3) + (9 \times 10^2) + (3 \times 10^1) + (7 \times 10^0)$ (2mks)</p>
25.	<p>Opodo is 20 years old, his sister is 4 years younger than him.</p> <p>a. How old is his sister? (2mks)</p> <p>b. Find their total age. (2mks)</p>

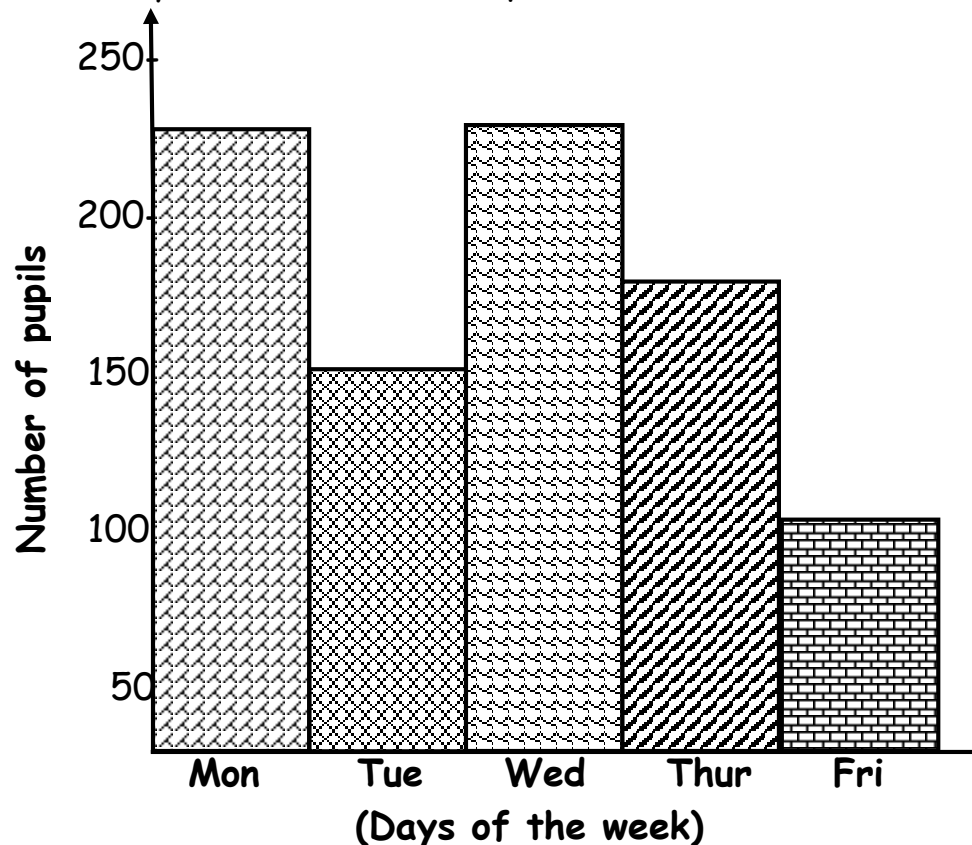
25.	c. How old will Opendi be in 6 years' time.	(1mk)
26.	<p>(i) Arrange the following integers in descending order. 0.4, 0.6, 0.33</p> <p>(ii) Workout: (2mks)</p> $\begin{array}{r} 68.34 \\ + 9.05 \\ \hline \\ \hline \end{array}$	(2mks)
27.	<p>Find the value of the unknown angles below.</p> <p>a.</p>  <p>b.</p> 	(2mks@)
28.	<p>Use the figure below to answer the questions that follow correctly.</p>  <p>a. Name the figure above (1mk)</p> <p>_____</p> <p>b. Workout the area of the shaded part. (2mks)</p>	

	<p>c. Calculate its volume. (2mks)</p>
<p>29.</p>	<p>Eva went for shopping and bought the following items.</p> <ul style="list-style-type: none"> ❖ A kilo of sugar at sh. 3200. ❖ A kilo of rice at sh. 4000. ❖ A book at sh. 1500. <p>a. How much money can Eva pay if she takes 2kg of sugar and I kilo of rice. (3mks)</p> <p>b. If Aminah bought all the three items, how much money did she pay? (2mks)</p>
<p>30.</p>	<p>Solve for the unknown.</p> <p>(i) $X + 7 = 12$ (2mks@)</p> <p>(ii) $\frac{m}{3} = 5$</p> <p>(iii) $K \times 3 = 18$</p>

31. a. Express 240 minutes as hours. (2mks)

b. Amiina travelled a distance of 84km in 4 hours. Calculate her average speed. (2mks)

32. The graph below shows the weekly attendance of Nansanga Primary School. Study it and answer the questions that follow.



- a. How many pupils attendance on Tuesday? (1mk)
- b. On which day of the week was the highest attendance registered? (1mk)
- c. Which days had the same attendance? (1mk)
- d. Find the total attendance of the week. (2mks)

-The end-