

CITY PARENTS' SCHOOL SINCE 1999

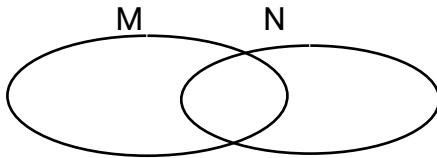
P.7 MATH HOLIDAY PACKAGE SET III

NAME: STREAM:

Index No.....

1. Divide: $18 \div \frac{3}{4} = 2$

2. Shade $M - N$ on the Venn diagram.



3. Which of the numbers is divisible by 4: 7866 and 5080

4. A village meeting was attended by 125 people $3\frac{3}{5}$ of them were males. How many females attended the meeting?

5. Complete the table of subjects below;

Elements in a set	Subjects formed	Power of two
{a}	$\{\}$, {a}	2^1
$\{\}$	$\{\}$	_____
_____	$\{\}$, {x} , {y},{k}, {x,y}, {x,k},{y,k} {x,y,k}	2^3

6. Write 990, 040 in words.

7. If $a = 3$, $b = 4$ and $c = 2$, Find the value of : $6c - a$ _____
 $1+b$

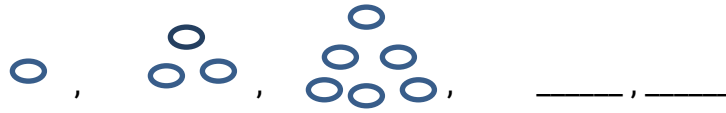
8. The total distance around Entebbe round about is 44dm. Calculate its area.

9. A meeting took $11\frac{1}{4}$ hours and ended at noon. What time did it start?



10. The interior angle of a regular polygon is 144° . How many sides are on the polygon?

11. Complete the sequence by drawing the next two patterns:



12. Use distributing property of numbers to work out:

$$(39 \div 10) - (19 \div 10).$$

13. A rectangular tin has a volume of 1250cm^3 . How many liters of water can fill the tin?

14. Using a ruler, a pencil and a pair of compass only, construct an angle of 45°

15. Work out the average of the data below;

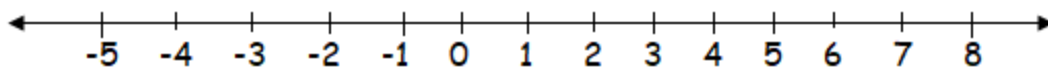
9, 3, 5, 6, 8, 5

16. The number of people, who turned up for voting in elections Buikwe District woman MP, are

$(3 \times 10^5) + (7 \times 10^3) + (2 \times 10^2) + (3 \times 10^0)$. Write it as a single number.

17. Use the number line below to work out:

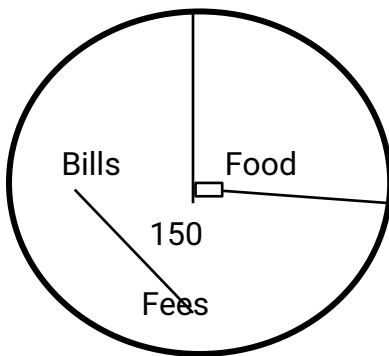
+3 - +7



18. Sumayah made a square nursery bed covering an area of $549\frac{4}{9}$ Square meters. Find the length of the nursery bed.

19. The schools enrolment increased from 750 pupils by 20%. Find the new number of pupils in the school?

20. Moses spends his monthly salary of shs. 960,000 as shown on the pie-chart below.

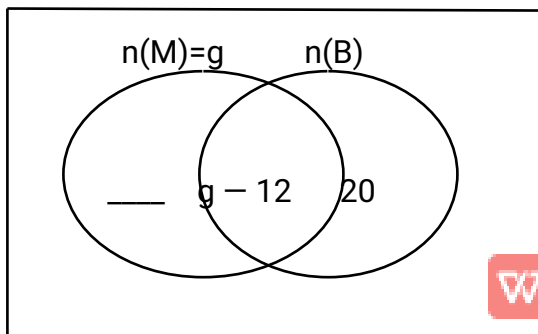


How much money does he spend on bills?

SECTION B

21. In a primary seven class, 20 pupils like Ball games (B) only, g pupil like music (M), $g - 12$ pupils like both music and ball games, while $g - 10$ enjoy none of the two activities.

a) Complete the Venn diagram below;



b) If 26 pupils like Ball games, find the value of g.

c) Find the probability of randomly picking a pupil who enjoys ball games from the class.

22. Work out $1110_{\text{two}} - 111_{\text{two}}$.

b) Express 24_{five} to binary base.

23a) Babirye has 6 years older than Fatumah. If their total age is 20. Find Babiryes age.

b) Solve and write the inequality solution set for; $23^{\frac{2}{3}}(3 + 12m) - 8 \geq 4(12^{\frac{1}{2}} + m)$.

24. Using a ruler, a pencil and a pair of compass only, construct a rhombus PQRS where PQ = 8cm and diagonal QS = 6cm. Drop a perpendicular from S to meet PQ at O

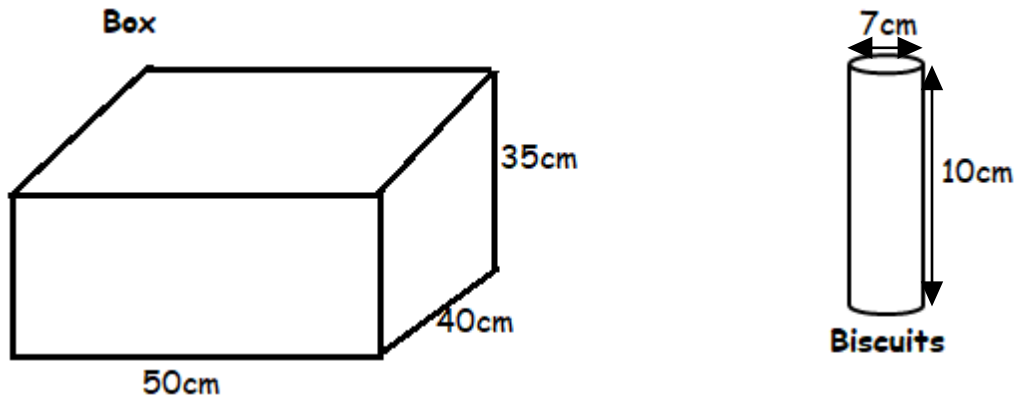
b) Measure the length of diagonal PR.

25a) Simplify; $35^{\frac{3}{5}} - 34^{\frac{3}{4}} + 12^{\frac{1}{2}}$

b) Work out; $0.48 \times 0.36 \div 1.8 \times 0.024$



26. In a factory, cylindrical packets of biscuit are packed in a rectangular box shown below.



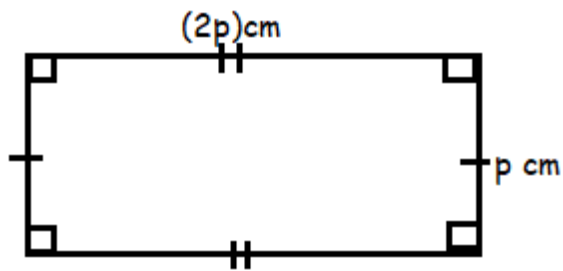
a) How many packets of biscuits can be fully packed in the box?

b) Calculate the amount of space wasted in the box after packing all the biscuits packed in the box full.

27. a) Work out ; $3 + 4 = p$ (finite 5). Using a dial method.

b) Today is Tuesday 26th July 2022. What day of the week was it on the 12th of March of the same year?

28. The area of the figure below is 338cm². Use it to answer questions that follow.

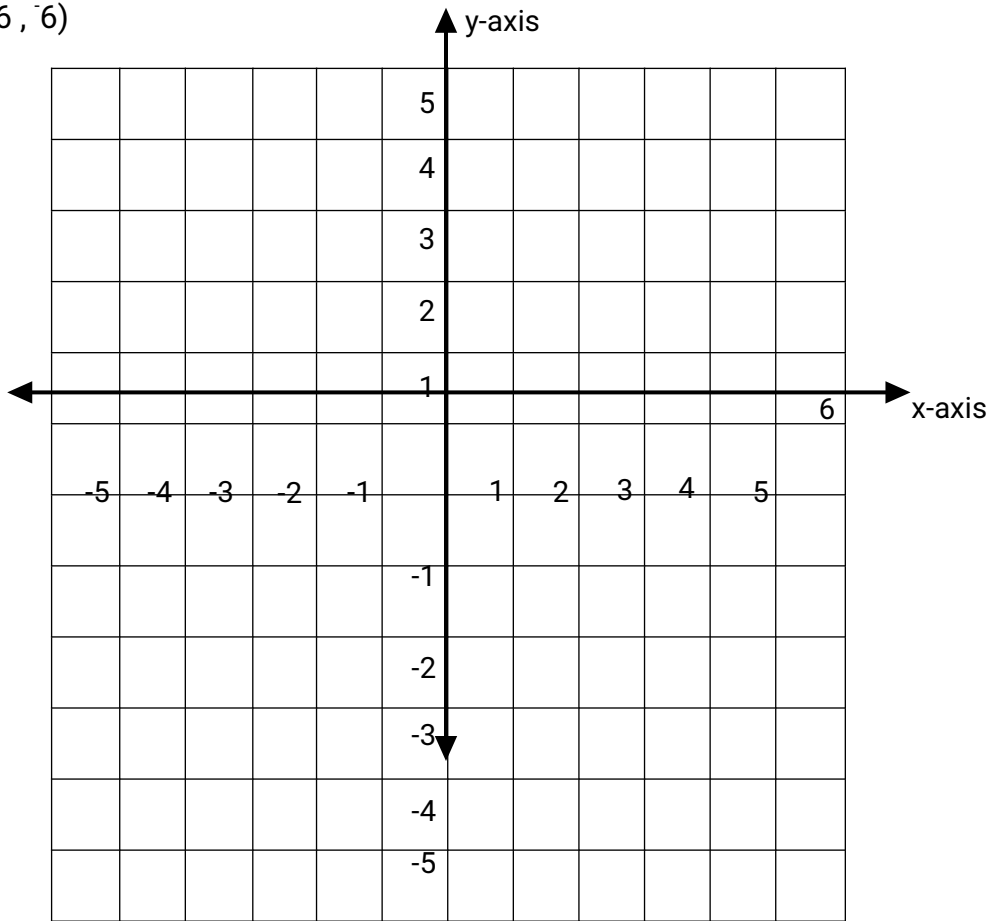


a) Find the value of P.

b) Work out the perimeter of the figure above;

29a) Use the co-ordinate graph below to plot the co – ordinate P (2 , 2) R (2 , 2) S(2 , 2)

T (6 , 6)



a) Join the points P to R to S and T and name the figure formed.

b) Write down the co – ordinates of intersection of the diagonals of PRST.

30 At Stanbic bank, the rates of buying and selling of foreign currencies stand as in the table below.

Currency	Rate of buying	Rate of selling
1 British pound s£	Shs 4150	Shs 4250
1 USA dollar \$	Shs 3750	Shs 3850
1 Tanzania (Tshs)	Shs 23	Shs 25

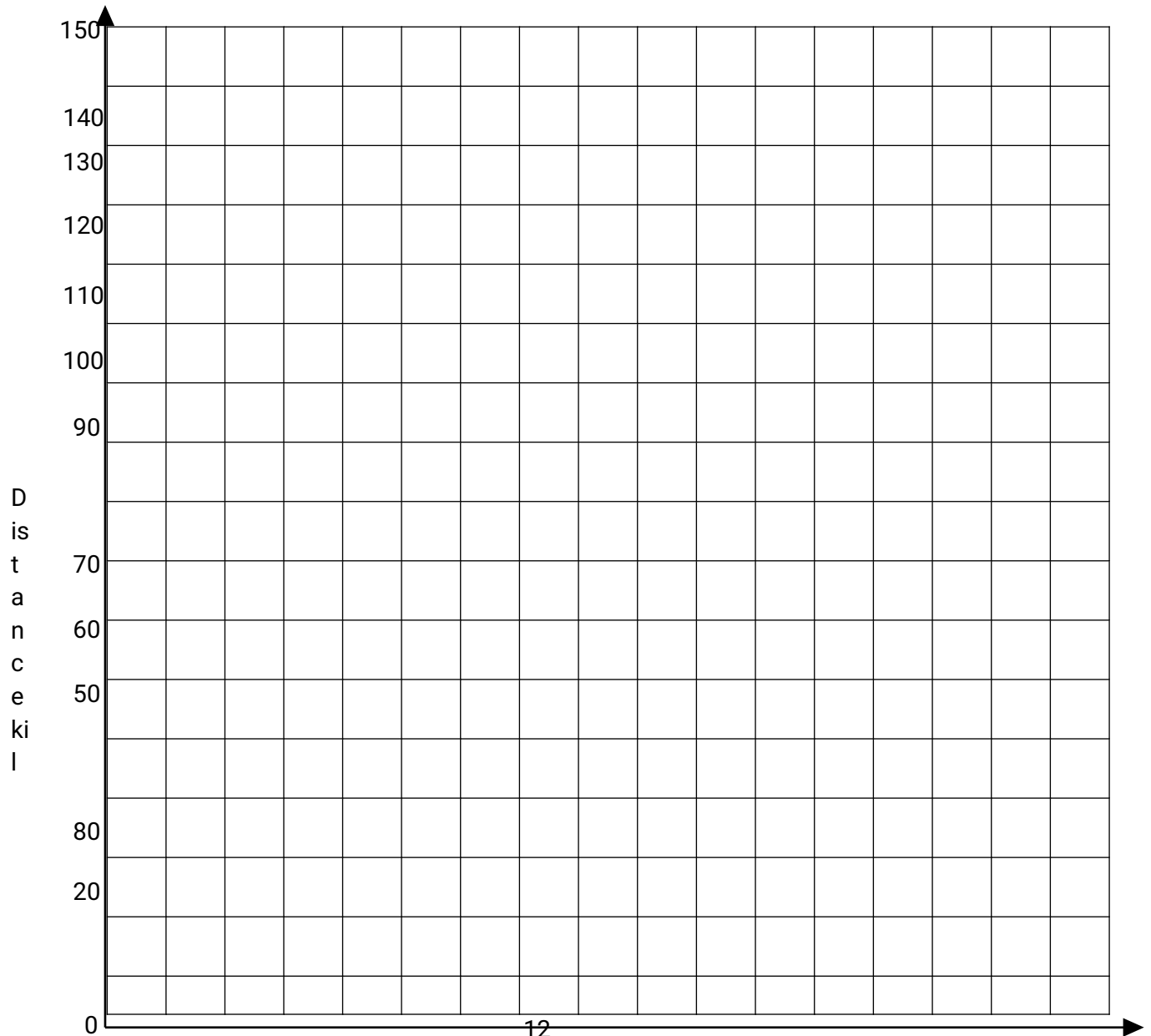
a) Alexa went to Stanbic bank with shs. 4081000 to exchange for US dollars. How many dollars did she get?

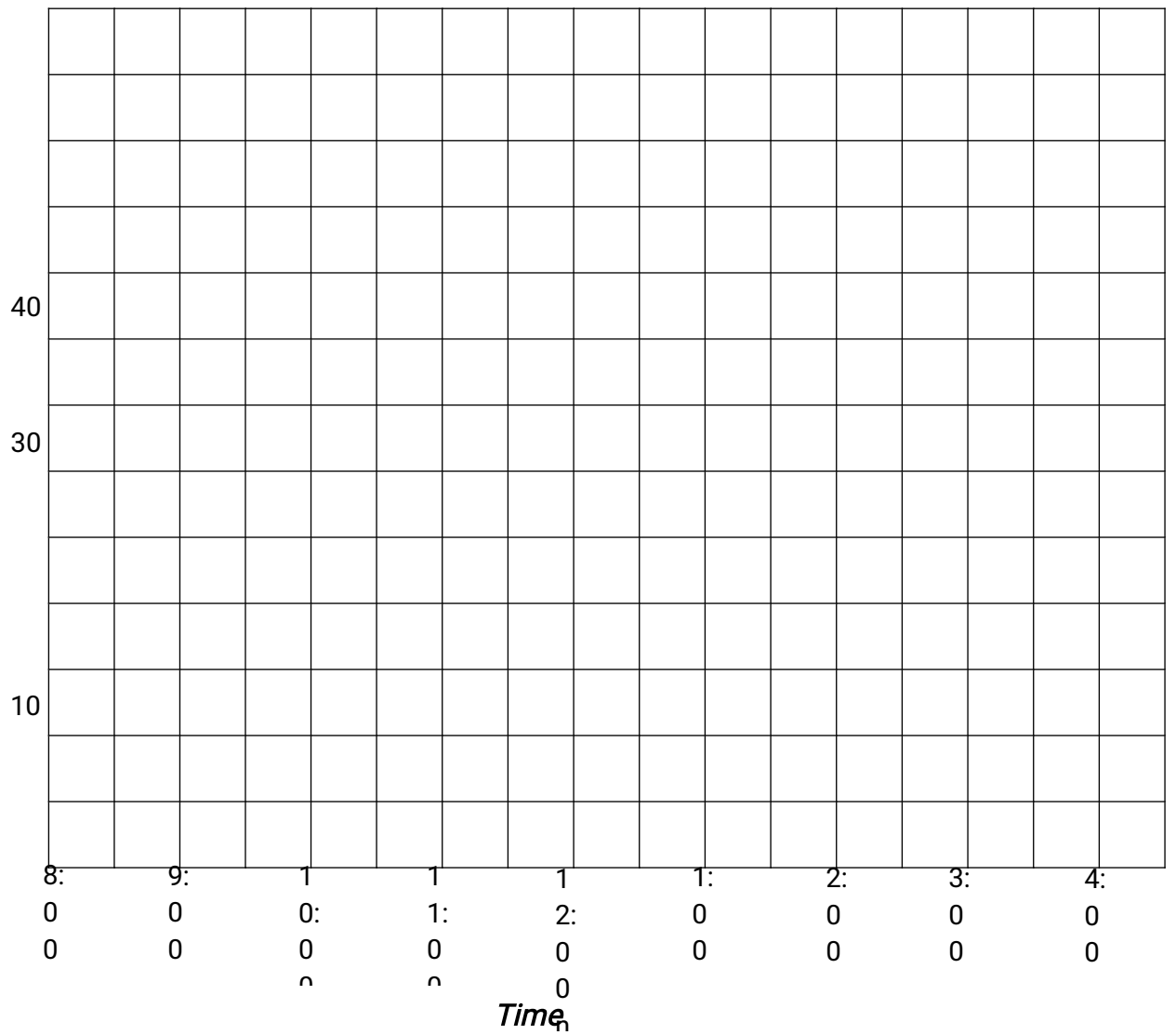
b) A trader bought a TV set from Tanzania at Tshs 306000. How much money is this in British pounds?

31. Mr Obua spends $\frac{1}{4}$ of his salary on food, $\frac{2}{5}$ of the remainder on rent, $\frac{1}{6}$ of the rest on clothes and he saves shs 300000. Find his total monthly salary.

32. Katongole left Kampala at 8:30am riding her motorcycle at 30km/hr for $1\frac{1}{2}$ hours to Jinja. After resting for 30 minutes, she continued for more 75km for 3hours to Bugiri.

a) Represent her journey on the travel graph below.





b) At what time did she reach Bugiri?

c) Find her average speed for the whole journey?

END