KAMPALA QUALITY PRIMARY SCHOOL

P. 6 REMEDIAL REVISION SET 4, 2020.

MATHEMATICS.

Time allowed: 2 hours and 15 minutes

Name: _____ Stream: _____

SECTION A (40 marks)

1. Work out: 13 x 3

2. Write 33002 in words.

3. Express $^{6}/_{10}$ as a decimal.

4. Work out:

	Hrs	**Min**
	4	50
–	2	17

5. Find the next number in the sequence: 1, 3, 9, 27, _____

6. Simplify: $7y + 3x - 2y + 2x$

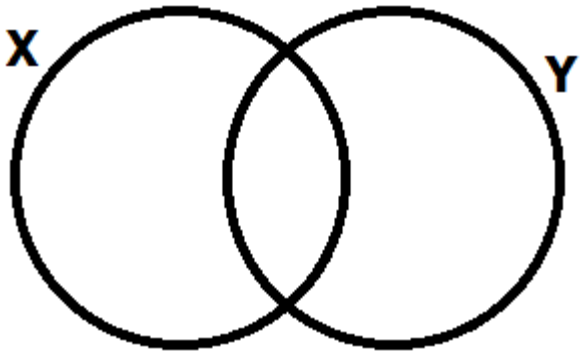
7. 8 pens cost sh. 4000, what is the cost of one pen?

8. What is the value of 4 in 6453?

9. The temperature in Kampala was $\bar{8}\ ^0C$ in the morning and $27\ ^0C$ in the afternoon. What was the difference in the temperature?

10. Mafabi bought a radio at sh.49000. He sold it and got a profit of sh.7000. How much money did he sell the radio?

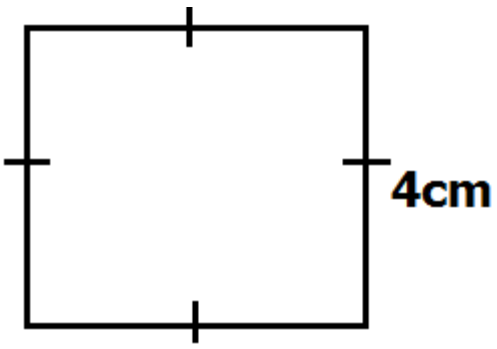
11. In the Venn diagram, shade the region representing X – Y.



12. Change 23_{ten} to base five.

13. Find the product of the 1^{st} and 5^{th} composite numbers.

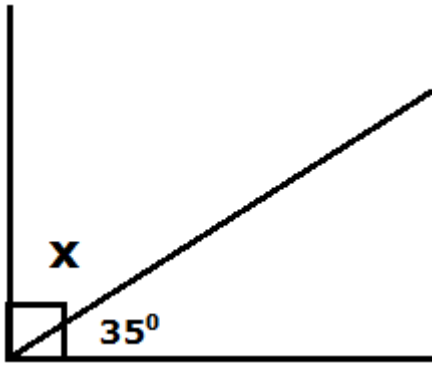
14. Calculate the area of the figure below.



15. Convert 4 metres to centimeters.

16. Draw parallel lines in space provided below.

17. Calculate the size of angle **x**.



18. How many $^{1}/_{6}$ pieces of soap can be cut from 3 bars of soap?

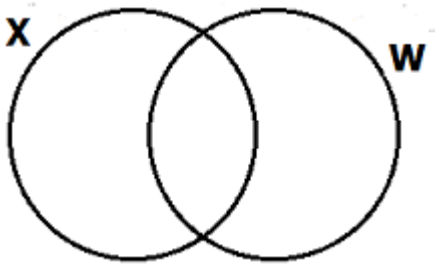
19. What morning time is shown on the clock face below?

20. The tally marks show the number of pupils in a class. If 9 pupils were absent, how many pupils were present?

Section B (60 marks)

21. Given that W = {**f,e,w,r,i,o**} and set X = {**a,f,e,i**}.

(a) Represent the above information in the Venn diagram below. **(3 marks)**

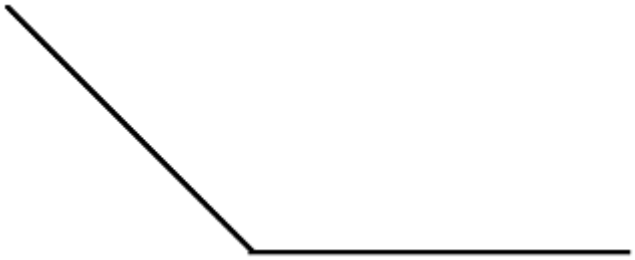


(b) Find W ∩ X **(1 mark)**

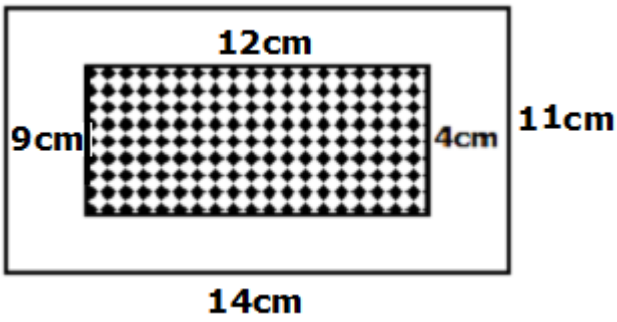
(c) Find W – X **(1 mark)**

22(a) Draw a circle of radius 3cm in the space provided below. **(2 marks)**

(b) Use a protractor to measure the angle below. **(2 marks)**



23. **The diagram below shows a table covered by a piece of cloth.**



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

(b) Work out the area of the piece of cloth. **(2 marks)**

(c) Find the area of the table that is not covered by the piece of cloth. **(1 mark)**

24(a) Mr. Golola covered a distance of 200km in 2 hours. What was his speed? **(2 marks)**

(b) A motorist driving at a speed of 56km/hr took 5 hours to cover a journey from Kampala to Soroti. Find the distance between the two places. **(2 marks)**

25(a) Find the LCM of 6 and 15. **(2 marks)**

(b) Calculate the sum of the first 5 prime numbers. **(2 marks)**

26. There are 37 classrooms in Kabojja Junior School. 25 of the classrooms have 48 pupils each and the rest have 45 pupils each.

(a) How many pupils are in the 25 classrooms? **(2 marks)**

(b) Find the total number of pupils in the school. **(3 marks)**

27. Olum went to the shop and bought the following items:

3 Kg of sugar at sh.3600 per Kg.

2 Kg. of rice at sh. 4000 per Kg.

3 litres of milk at sh.2400 per litre.

2 loaves of bread at sh.7000.

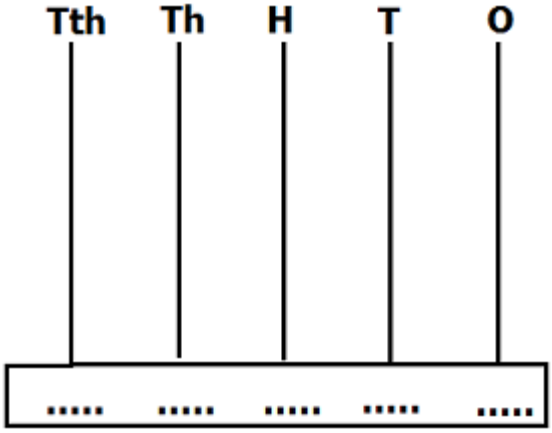
(a) Calculate the total expenditure. **(5 marks)**

(b) If he had sh.40,000, find the change. **(1 mark)**

28(a) Write 25,008 in expanded form. **(2 marks)**

(b) Round off 56,942 to the nearest thousands. **(2 marks)**

(c) Represent the above answer in (b) on the abacus below. **(2 marks)**



29. **Use the symbols > , < or = to complete mathematical statements.**

(1 mark each)

(a) $\bar{}7$ _____ $^{+}7$ (b) 0.5 _____ $^{2}/_{5}$

(c) 120 minutes _____ 2 hours (d) 5km _____ 500m

30. There are 120 pupils in P.5 at Nakasero Primary School. $^{2}/_{5}$ of them are girls and the rest are boys.

(a) Find the fraction of boys. **(2 marks)**

(b) How many girls are there? **(2 marks)**

(c) Work out the difference between the number of boys and girls in the class. **(2 marks)**

31 Solve:

(a) $4x = 20$ **(2 marks)**

(b) $\frac{y}{3} = 7$ **(2 marks)**

(c) $p + 8 = 11$ **(2 marks)**

32. The table below shows the number of eggs collected from Mr. Kato's poultry farm during the week.

Days of the week	Mon.	Tue.	Wed.	Fri.
Number of eggs collected	20	40	60	80

(a) On which day was the highest number of eggs collected? **(1 mark)**

(b) Find the total number of eggs collected on Monday and Friday. **(2 marks)**

(c) Calculate the average number of eggs collected in the four days. **(2 marks)**