

KINGS SCHOOLS-KABOWA
P. 4 Mid Term I Examination, 2020.

Mathematics.

Time allowed: 2 hours and 30 minutes

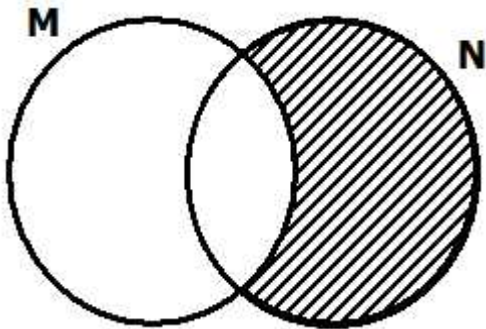
Name: _____ Stream: _____

SECTION A (40 marks)

1. work out: $24 + 13$

2. Write 14 in Roman numerals.

3. Describe the unshaded region in the Venn diagram below.



4. Work out: $\frac{4}{7} - \frac{2}{7}$

5. Find the next number in the sequence: 25 , 20 , 15 , _____.

6. Given that  represents 6 trees on Mr. Sonko's farm. How many trees are represented below?



7. James bought 3 pens at sh. 2,100. How much money did he pay for each pen?

8. One week is made up of 7 days. How many days are in 4 weeks?

9. Work out: $76\text{kg} - 35\text{ kg}$

10. Solve the equation: + 3 = 12

11. Name the figure below.



12. Write 1507 in words.

13. Maureen ate $\frac{3}{5}$ of a loaf of bread in the morning. If she ate $\frac{1}{5}$ in the afternoon, what fraction of the loaf of bread did she eat altogether?

14. Given that set $M = \{2, 4, 6, 8, 9\}$ and set $N = \{1, 3, 4, 7, 8, 10\}$, find $M \cap N$.

15. Show a half past ten o'clock on the clock face below.

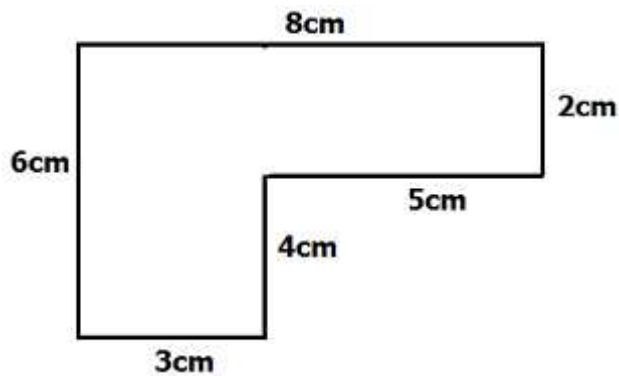


16. Change 4000ml to litres.

17. A parent had 24 mangoes which he divided equally among 3 children. How many mangoes did each child get?

18. List all the factors of 8.

19. Find the perimeter of the figure below.

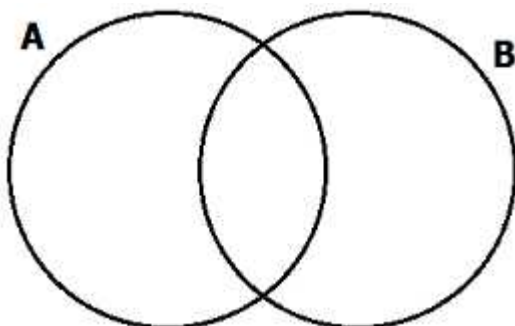


20. What is the place value of 2 in 2540?

Section B (60 marks)

21. Given that set $A = \{a, b, d, f, g\}$ and set $B = \{b, c, f, g, h\}$.

(a) Represent the two sets on the Venn diagram below. (3 marks)



(b) Find $A \cap B$. (1 mark)

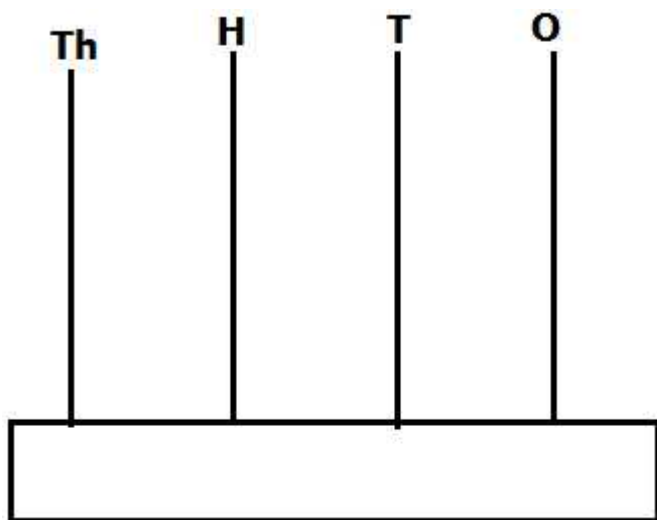
(c) What is $n(A \cup B)$? (1 mark)

22(a) What is $\frac{1}{4}$ of 16 apples? (2 marks)

(b) What is the sum of $\frac{4}{10}$ and $\frac{3}{10}$? (2 marks)

23(a) Use the number 4572 to answer the questions that follow.

(i) Show the number above on the abacus below. (2 marks)



(ii) Expand the number using values. (2 marks)

(c) What is the difference of 4 hundreds and 8 tens? (2 marks)

24. Below is a list of items and their prices. Use it to answer the questions that follow.

ITEM	UNIT COST
milk	Sh. 1200 per sachet
Beans	Sh. 2400 per Kg
Soap	Sh. 3500 per bar
Bread	Sh. 1600 per loaf

- (a) Name the cheapest item on the list. (1 mark)
- (b) Find the cost of 1Kg of beans and 1 sachet of milk. (2 marks)
- (c) Muko bought all the items on the shopping list, how much money did he pay? (2 marks)

25. Find the missing numbers in the following. (2 marks each)

(a). $\square - 5 = 12$

(b). $36 \div \square = 4$

(c). $\square \times 6 = 24$

26. Use $>$, $<$ or $=$ to make the following statements correct. (1 mark each)

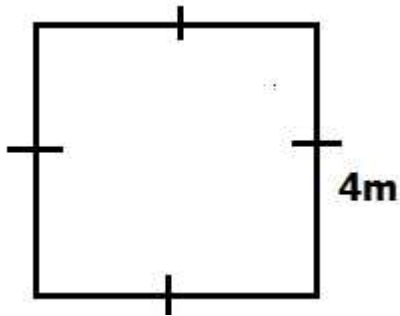
(a). XXI _____ 20

(b). $10 + 0$ _____ 10×0

(c). 2 m _____ 160 cm

(d). 12 days _____ a fortnight

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



(a) Name the figure above. (1 mark)

(b) Find the perimeter of the figure above. (2 marks)

(c) Calculate the area of the figure above. (2 marks)

28. A man had two jerrycans. The first one had 15 litres of water. The second one contained 13 litres of water.

(a) If the man put all the water into one bigger jerrycan, how many litres were collected? (2 marks)

(b) If all the litres collected were shared by 4 people, how many litres did each person get? (2 marks)

29(a) Mugishs is 13 years old. Kibuuka is 7 years older than Mugisha. Find Kibuuka's age. (2 marks)

(b) How many hours are in 3 days? (2 marks)

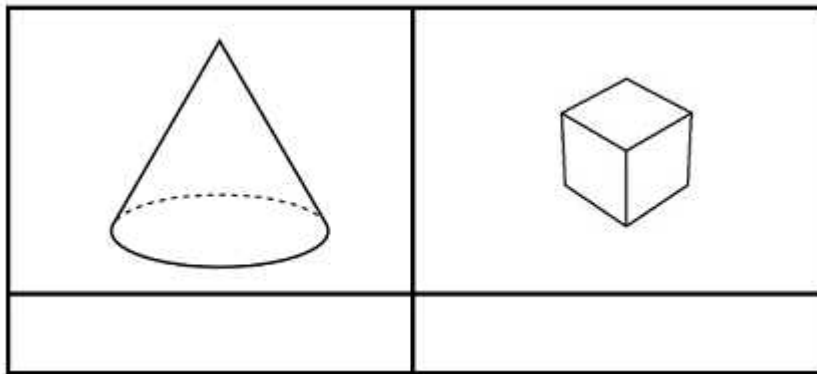
30(a) List the first 3 multiples of 6. (2 marks)

(b) Write all the odd numbers less than 10. (2 marks)

(c) Find the sum of the first 4 even numbers. (2 marks)

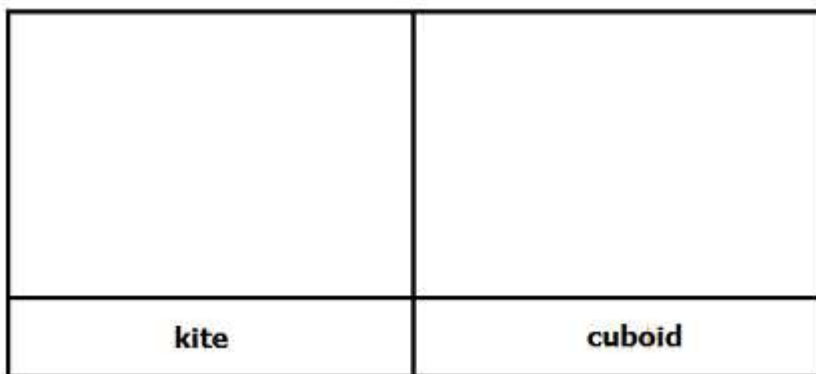
31(a) Name the shapes below.

(1 mark each)

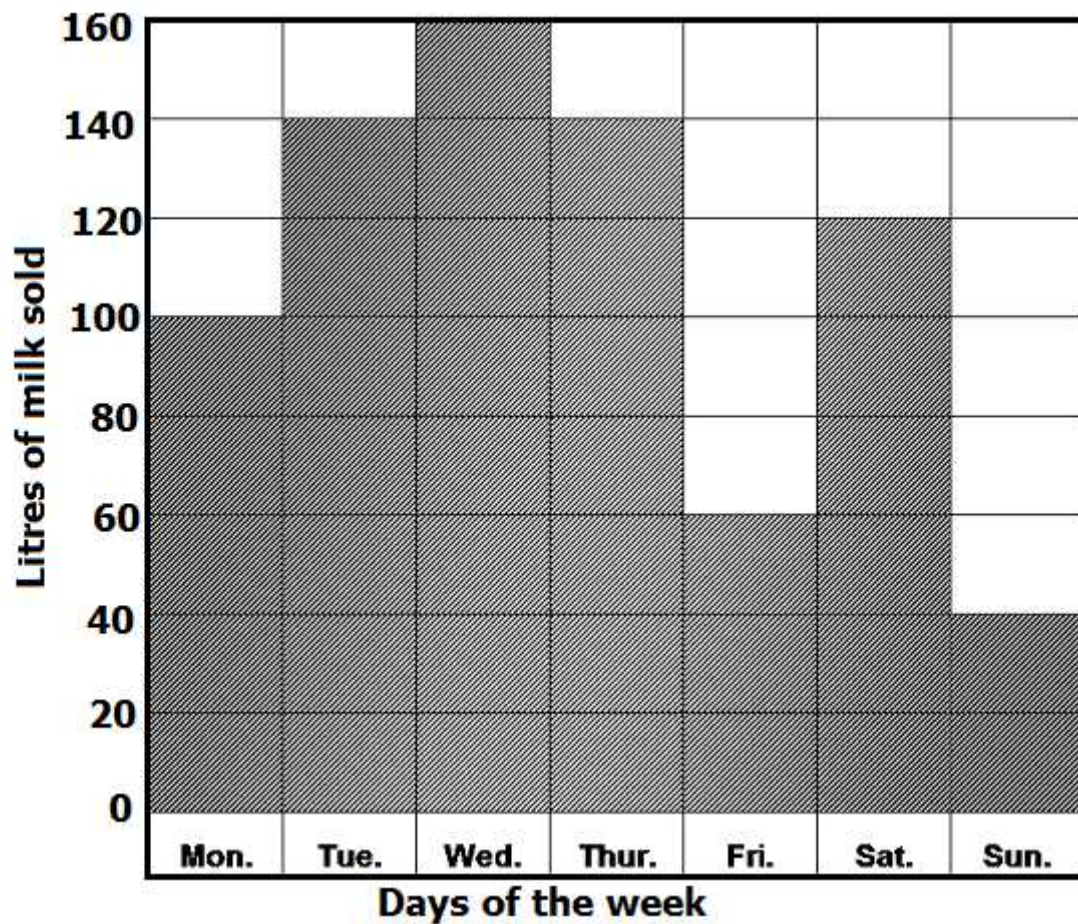


(b) Draw the following figures.

(2 marks each)



32. The graph below shows how Haruna sold his milk from his farm.



(a) On which two days did Haruna sell the same number of litres of milk? (2 marks)

(b) On which day did Haruna have the greatest sales? (1 mark)

(c) How many litres of milk were sold from Monday to Thursday? (2 marks)