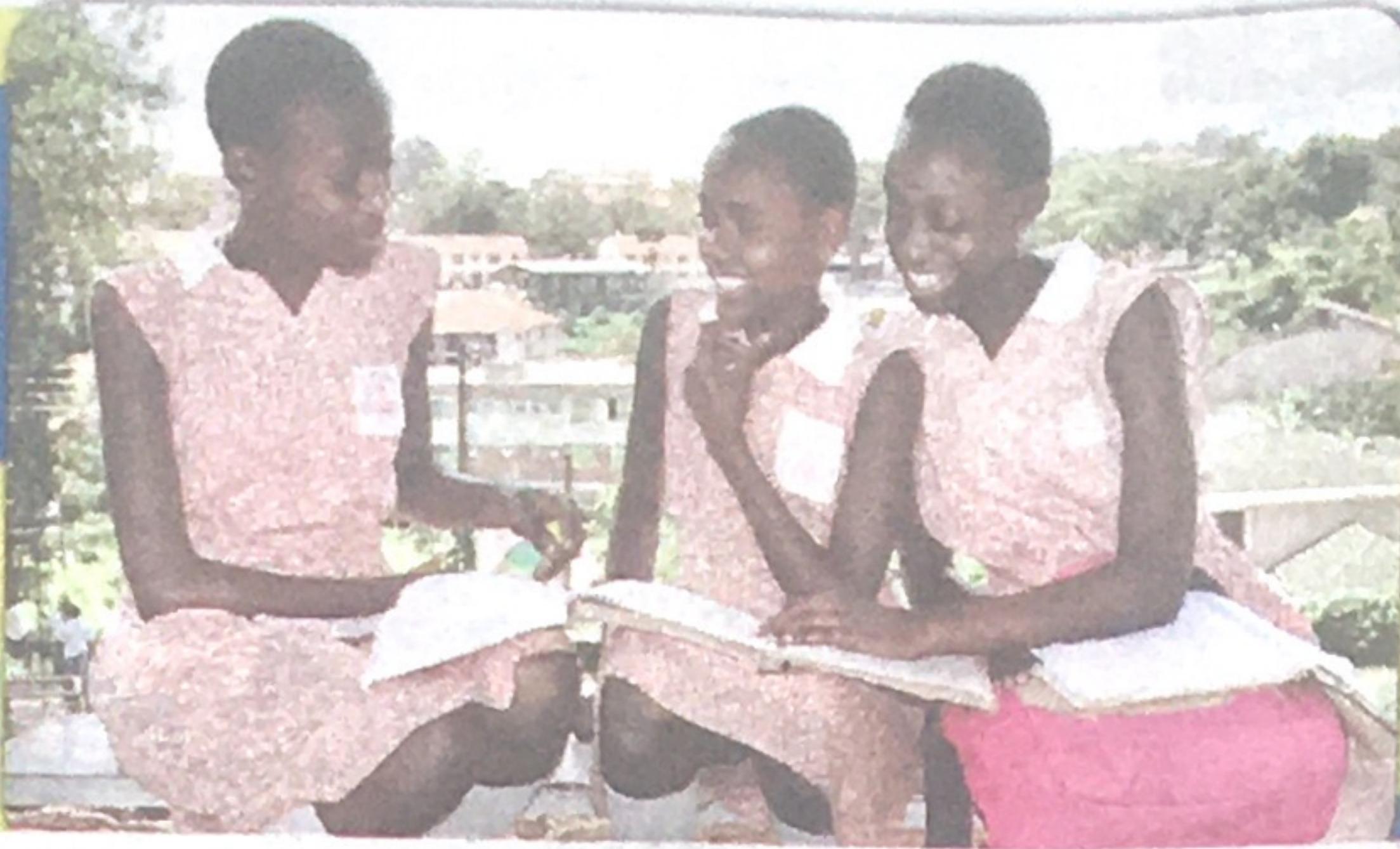


PASS PLE

MATHEMATICS
ENGLISH
SOCIAL STUDIES
SCIENCE

Bukedde

YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION



1. Work out: $37 - 16$

2. Simplify: $5k + 7m - k - m$

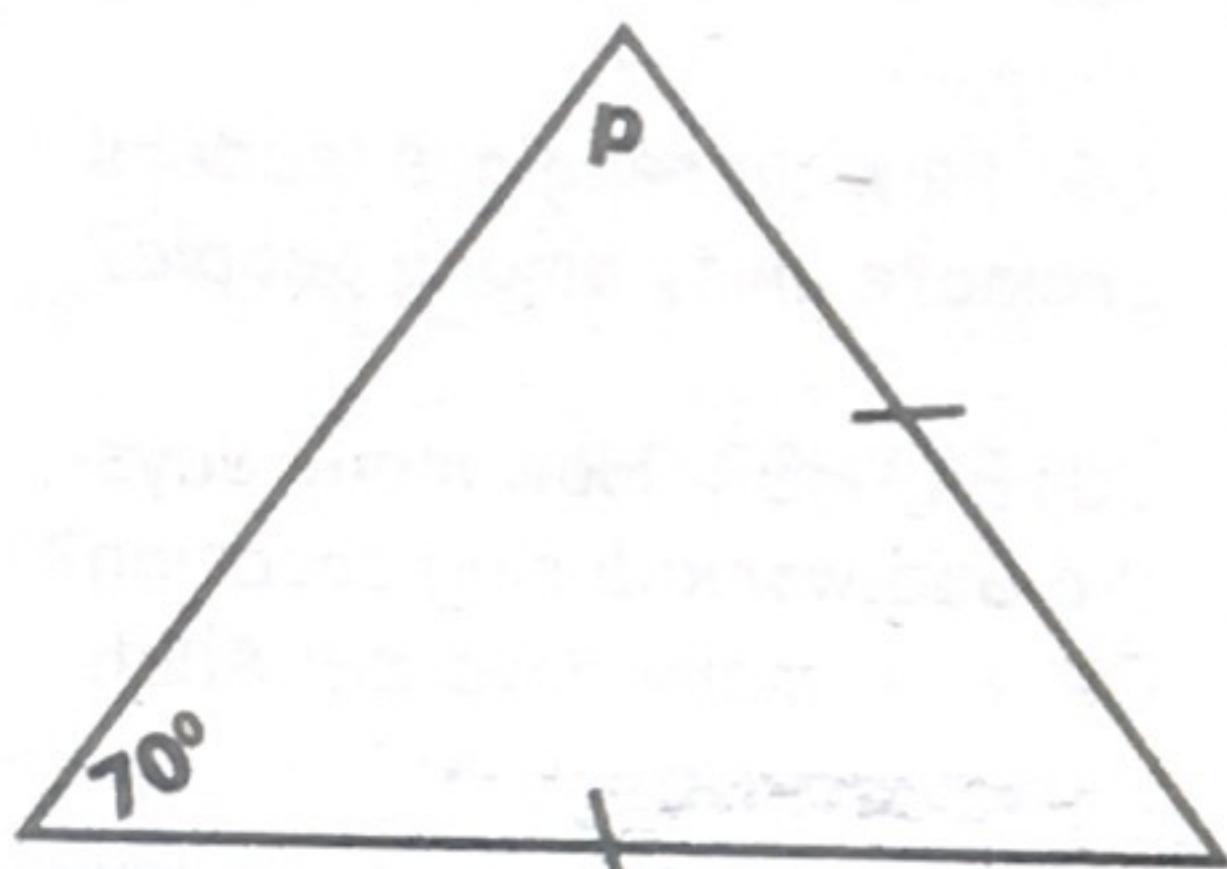
3. Write in figures: "Twenty thousand four hundred four"

4. Determine the next two numbers in the sequence.

1, 3, 6, 10, 15, _____

5. If a coin is thrown once, what is the probability that a head will show up?

6. Find the angle p



7. If today is Monday, what day of the week will it be after 36 days?



SECTION A

8. If represents 6 fruits, draw pictures that will represent 18 fruits.

9. Given that $x = 3$ and $y = 5$, find the value of $x - y^2$.

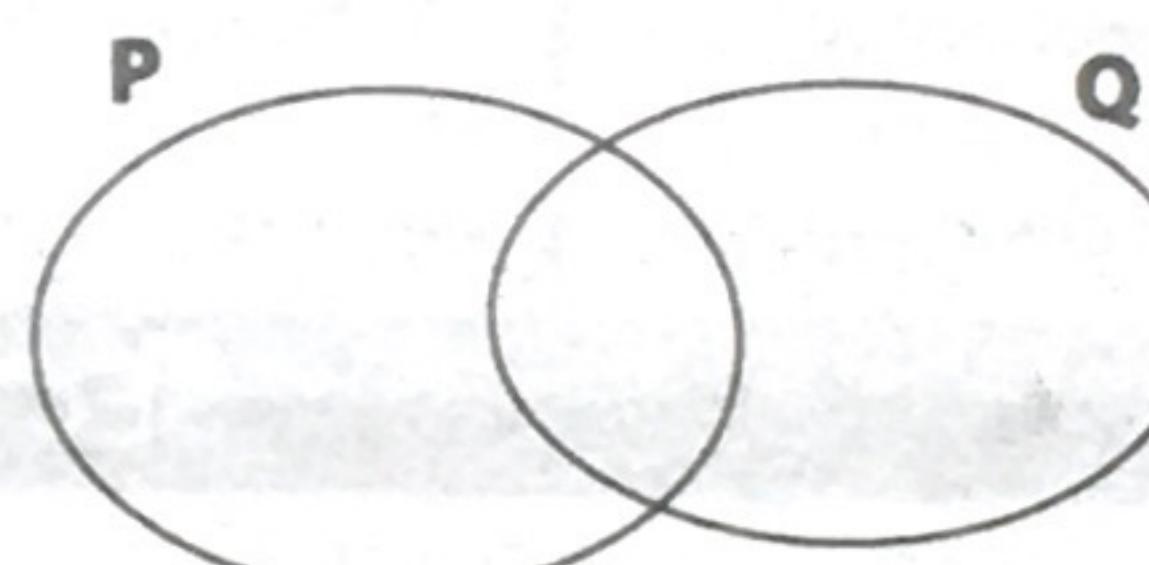
10. If the cost of $\frac{1}{2}$ dozen of books is sh.1800, what is the cost of one book?

11. Kato was facing north-west. He turned clockwise to face east. What angle did he turn?

12. Solve: $2x^2 = 18$

13. Mr. Obbo had 2000 rabbits last Saturday, he sold $12\frac{1}{2}\%$ of them. How many rabbits did he sell?

14. Shade $(P \cap Q)$ complement

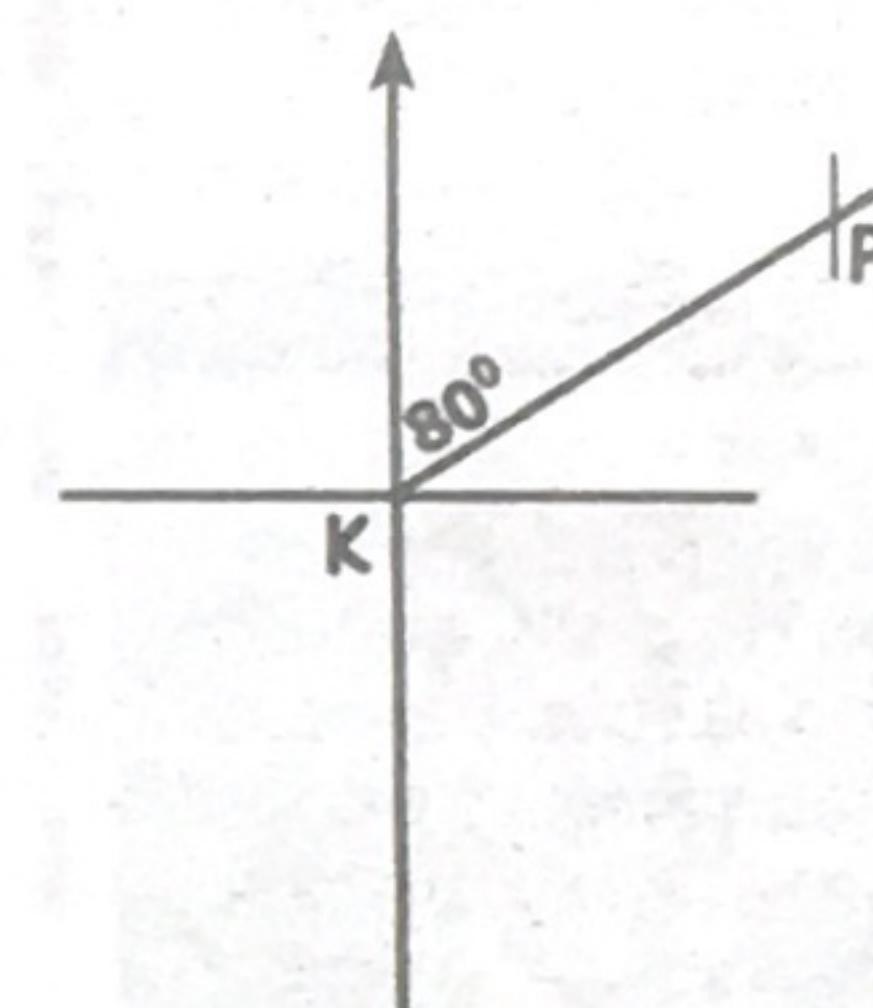


15. Express 75300 in standard form.

16. Work out:	Weeks	Days
	3	5
	+ 3	4
	<hr/>	

17. Find the GCF of 12 and 15

18. What is the bearing of K from P?



19. Convert 0.25kg to grams

20. Work out:	1 1 0	_{two}
	+ 1 1	_{two}
	<hr/> _{two}	

SECTION B

21. Given the digits 0, 5, 7, 8:

a) Find the difference between the largest and the smallest number that you can form using the digits above.

b) Expand 9243 using place values.

22. a) The sum of three consecutive odd numbers is 225. Find these numbers.

b) If set $A = \{\text{All numbers less than } 13\}$, find $n(A)$

23. a) Using a ruler and a pair of compasses only, construct triangle ABC where $AB = BC = CA = 6\text{cm}$.

b) Construct a perpendicular from A to meet side BC at point D.

c) Measure line AD

24. Kinene scored the following marks in Maths mocks

35, 58, 55, 45, 42, 45, 55, 85, 55, 45

a) Find the range of marks.

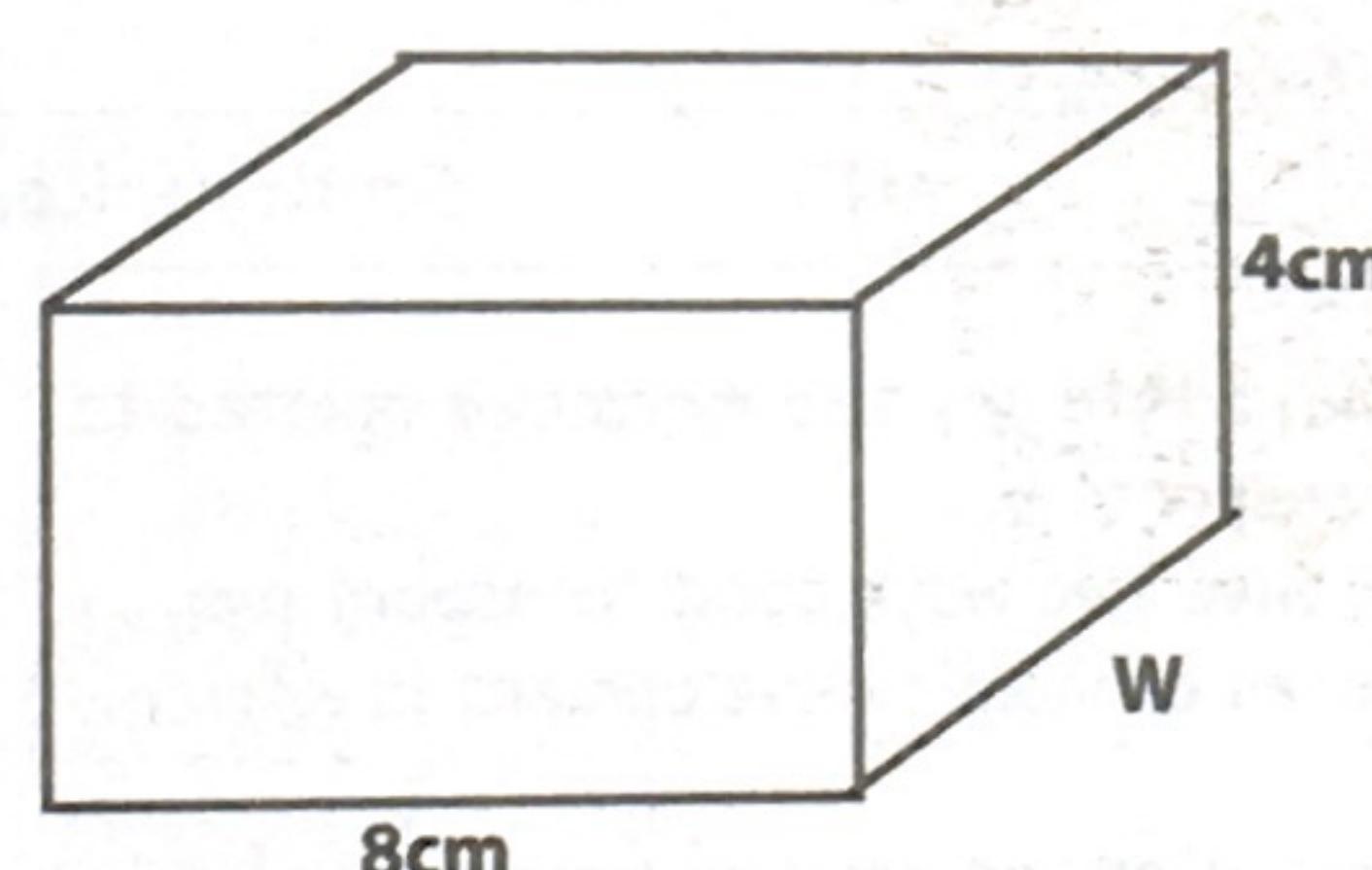
b) Calculate the average mark.

c) Find the median.

25. a) Express $\frac{1}{4}$ in decimal.

b) Simplify: $\frac{2}{5} \times \frac{3}{7} \div \frac{3}{14} + \frac{17}{15}$

26. The sum of the length of all the edges of the cuboid below is 68cm.



a) Find the length w.

b) Find the volume of the cuboid.

27. Lala is 25 years old while her sister Maria is 15 years old.

a) How many years ago was Lala thrice as old as Maria?

b) How old was Maria then?

28. Kiberu bought the following items from the market:

- 3 litres of milk at sh.3000 per litre
- 500grams of salt at sh.2000 per kg.
- 15 mangoes at sh. 1000 for every 5 mangoes.

a) Calculate the total cost of all the items.

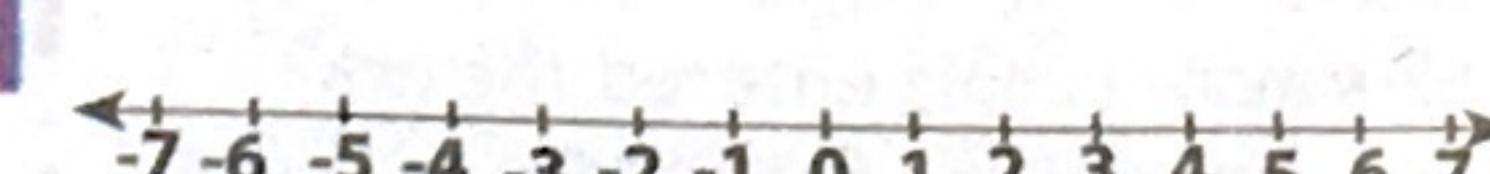
b) If Kiberu had sh.50,000, what was his change?

29. Musoni banked a certain amount of money in a bank that gives 5% p.a. interest.

After 9 months, his account had an amount of sh. 622500. How much money did Musoni bank?

30. a) Using a number line below,

work out $-7 + 12$

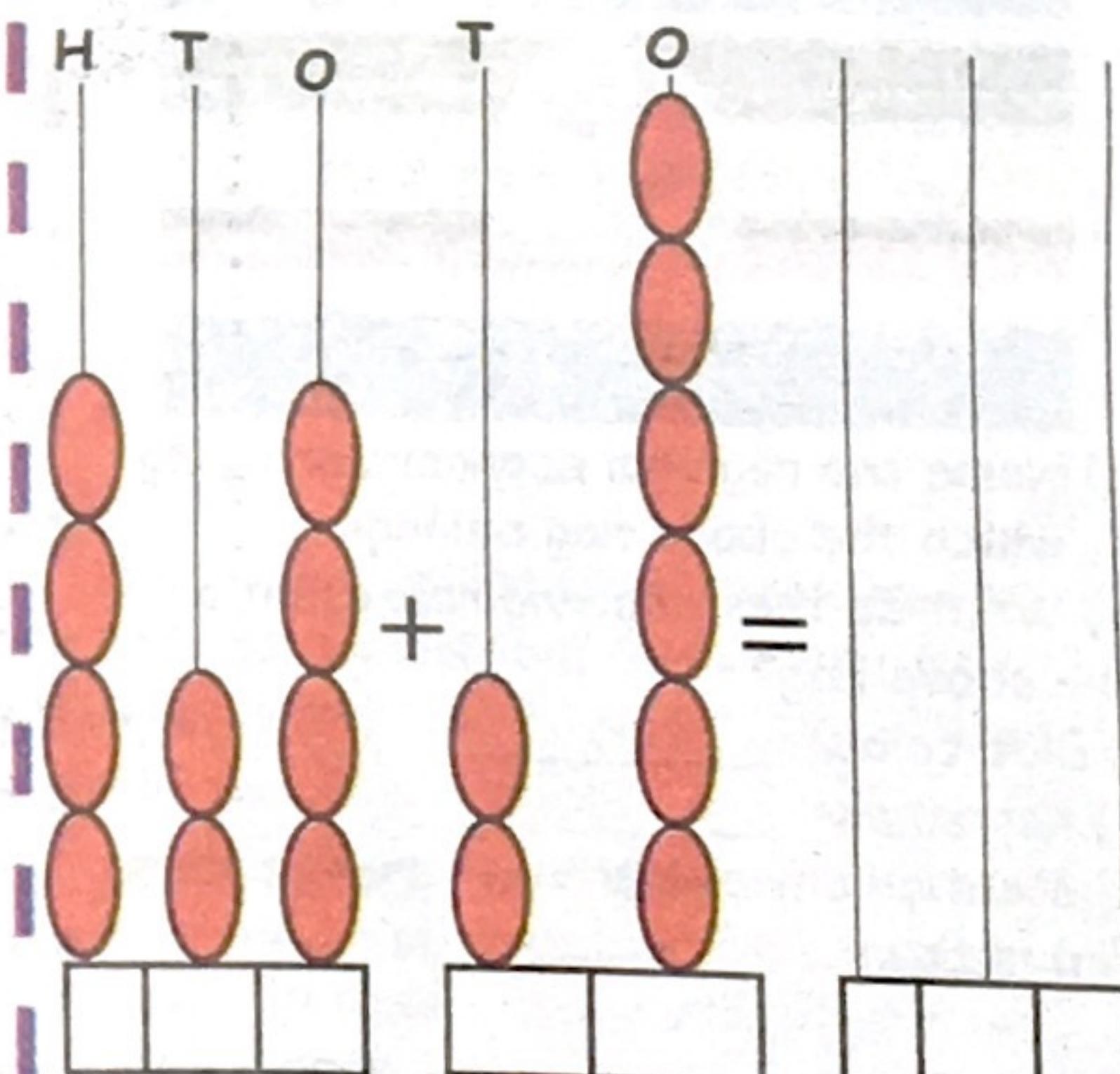


b) Work out: -5×-12

31. Badru built a circular hut of circumference of 88metres, using poles.

The poles were fixed at intervals of 0.8 metres. Find the number of poles used.

32. Study the abaci below



a) Complete the abaci by writing the missing numbers in the boxes above.

b) Draw beads on the third abacus to represent your answer.

- 1) Which program was introduced to reduce illiteracy among children in Uganda?
- 2) Name the cheapest method of preserving fish.
- 3) What title was given to the traditional leader of Wanga kingdom?
- 4) State any one measure the government of Uganda can use to check its fast growing population.
- 5) How is the work of a time-keeper in a school similar to that of a cock in a home?
- 6) Which system of government gives freedom to political parties to contest for leadership positions?
- 7) What is a picture?
- 8) What does the animal drawn below represent on Uganda's national coat of arms?



- 9) How are coral reefs economically important in a country?



SECTION A

- 10) What title is given to the district leader who chairs security committee meetings?
- 11) What was the largest inland slave trade market in East Africa.
- 12) What term is used to mean the period when the sun is overhead Tropic of Cancer and Capricorn?
- 13) Give another name to mean deficit budget.
- 14) Which currency was replaced by Indian rupees?
- 15) How does road safety education control the rate of accidents on roads?
- 16) Name the school symbol one can use to identify a school going child from a market vendor.
- 17) Give the importance of the weather instrument drawn below.
- 18) Mention the social activity which brings people together when there is sorrow.
- 19) What are Nile valley countries?
- 20) How did the River-Lake Nilotes benefit from their stay with the Bantu?
- 21) Name the largest irrigation scheme in Africa.
- 22) Which organ of AU does the same work as the Secretariat of EAC?
- 23) Why is Hastings Kamuzu Banda remembered in the history of Africa?
- 24) State any one characteristic of Commonwealth nations.
- 25) Which colonial power country ruled Tanganyika up to independence?

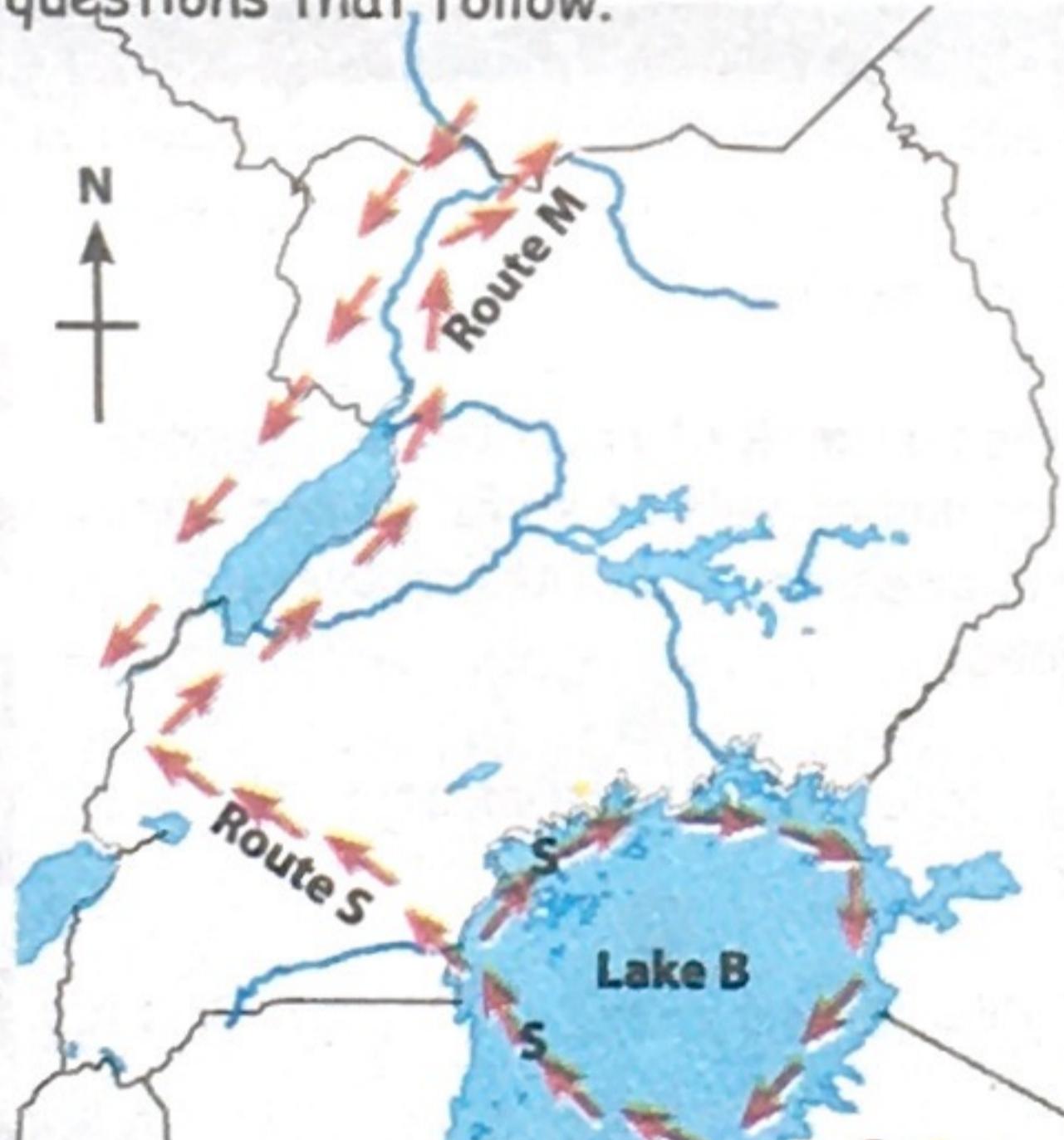


- 31a) What is international trade?
b) State any two factors that promote trade.
c) Give any one problem traders face while doing their work.
- 32) Study flag below and give answers to questions about it.



- a) Name the regional economic grouping to which the above flag belongs.
b) What do the following represent on the above flag?
i) Blue colour _____
ii) handshake _____
d) Mention any one area where the above flag is flown.

- 33) Study the map below and answer questions that follow.



- a) Name the European explorers who used routes marked M and S on the map above.
b) Apart from the explorer named in "a" above, give one other explorer who made two journeys to East Africa.
c) State the reason why most early ex-

- plorers to East Africa feared to use the route via Kenya.

- 34) Complete the table below correctly:

Nationalist	Political Party	Country
Dr Apollo. M. Obote	CPP	Ghana
Gregoire Kayibanda	PARMEHUTU	Uganda
_____	ANC	South Africa

- 35a) State any two measures related to transport.
c) Give two ways good transport promotes economic development in Africa.

- 36 a) Mention any two types of holidays.
b) Give two reasons why it is necessary for people to have holidays.

FOR NUMBERS 26 TO 30
ANSWER EITHER
CHRISTIAN OR ISLAM
QUESTIONS BUT NOT BOTH.

- 26) EITHER: Name the last book in the old Testament.
OR: Name the last Surat in the Quran.
- 27) EITHER: State the new commandment Jesus left with his Apostles before ascension.
OR: Which pillar of Islam encourages Moslems to show love to the needy?
- 28) EITHER: What title is given to the supreme head of the Church of Uganda?
OR: What title is given to the supreme head of Moslems in Uganda?
- 29) EITHER: How do religious leaders promote unity among people?
OR: How do religious leaders promote unity among people?
- 30) EITHER: How many days did God work during creation?
OR: How many days did Allah work during creation?

- 37) Study the map below and answer questions about it.



- a) State the climatic region of the shaded areas on the map of Africa above.
b) Name the winds responsible for influencing the type of climate experienced in the areas above.
c) State the season when rainfall is received in the type of climate mentioned in "a" above.
d) Give any one example of fruit crops commonly grown in the above type of climate.

- 38) EITHER: a) Name the faithful man of God who built the ark.
b) Name the mountain where the above ark rested after the floods.
c) How many people entered the above ark?
d) How long did the floods take to dry up?
OR: Name the prophet of Allah who built the ark.
b) Name the mountain where the ark

FOR QUESTIONS 39 TO 40 ANSWER EITHER CHRISTIANITY OR ISLAM ONLY BUT NOT BOTH

- rested after the floods.
c) How many people entered the ark?
d) How long did the floods take to dry up?
39) EITHER: a) State the meaning of the word "Gospel"
b) Write down any two Gospel writers.
c) Which Gospel writer was a medical doctor?
c) How was the Holy Spirit important to Gospel writers?

- OR: a) State the meaning of Hadiths.
b) How do Moslems benefit from Hadiths?
c) Name the last and greatest prophet in Islam.

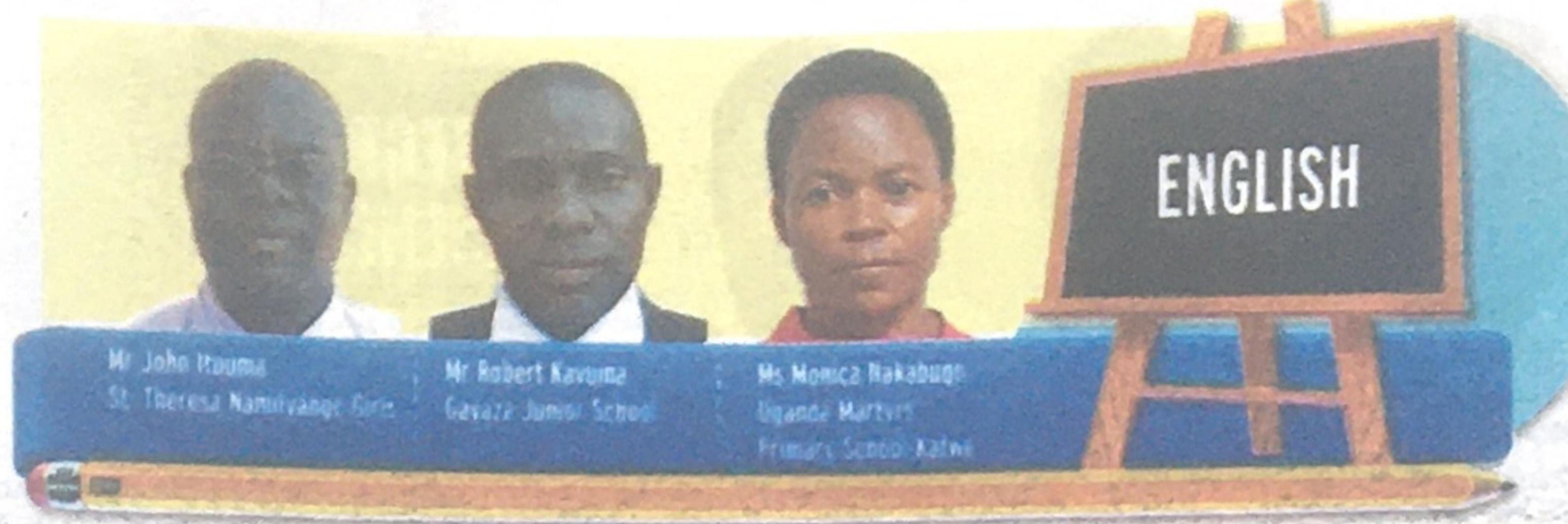
- 40) a) Name the suitable companion God made for Adam.
b) What material did God use to make a suitable companion for Adam.
c) How did the suitable companion named above cause the suffering of mankind?
d) How did human beings inherit the punishments Allah gave to Adam and Hawa?

Fill the blank space with the most correct word.

- The sun rises _____ the east and sets in the west.
- Maduba wrote _____ article which appeared in the newspaper.
- To _____ did you give the money?
- How _____ sugar would you like to buy?
- Please, turn _____ the volume of the radio, there is trouble outside.

Use the correct form of the word to complete the sentence.

- On hearing the dog barking, the baby screamed _____. (loud)
- This mat was _____ by Mrs. Okurutu. (weave)
- Musa could not tell the _____ between a doctor and a nurse. (different)
- None of the _____ items has been found. (steal)
- I cannot wear that pair of shoes because it is not _____. (my)
- The _____ of that pit has reduced because people throw rubbish in it. (deep)
- The more the teacher talked, the _____ I understood him. (little)
- I _____ met our class teacher in town yesterday. (accident)



SECTION A

- Of the two uncles, Okapi is the _____. (funny)
- You must make a _____ that you will not regret. (decide)
- Write the abbreviations in their full form.
- P.S.V. _____
- P.M.O. _____
- Mme. _____
- Arrange these words in alphabetical order.
- Invigilator, supervisor, scout, candidate
- bride, bridegroom, best man, bridesmaid
- Give the opposite of the underlined words.
- Ronnie is a very popular footballer.
- The majority of the people in Uganda
- are farmers.
- You mustn't write relevant points.
- His polite behaviour was recognised by the team members.
- Write the plural form of these words.
- Cargo: _____
- mouse-trap: _____
- Arrange the words to form correct sentences.
- asked him what Peter his was name.
- my Entebbe holidays last had I in.
- Give one word for the underlined group of words.
- Obira solved all the sums in a correct way.
- The kidnapper was beaten without mercy.

SECTION B

41. Read the poem below and in full sentences answer the questions that follow.

God forgive us
Greedy we are
Clearing trees to burn charcoal
Hungry for money
For God and my country
God forgive us we clear habitats of creatures
Monkeys, gorillas, baboons crying
The curses are in abundance
From all animals and birds
God forgive us

The swamps are cleared
We want to cultivate potatoes, maize, rice and yams,
To satisfy our stomachs,
And then destroy habitats for aquatic creatures
The habitats of Uganda's emblem destroyed,
Curses prevailing in swampy areas!

God forgive us
Happy we are today
But full of tears tomorrow
Desertification a disease
With no cure
But suffering and deaths!

Moor Ignorash

QUESTIONS

- What is the poem about?
- Why do people cut trees?
- Which creatures are destroyed when trees are cut according to the poem?
- Who curses man when he cuts trees?
- What name do you think is given to animals that live in water?
- How many animals are in the poem?
- Which disease is mentioned in the last stanza?
- Why are swamps cleared?
- Give another word to mean the same as:
(i) habitat
(ii) destroy

42. The notice below appeared in the New Vision newspaper of 10th August 2023. Read it and answer questions that follow in full sentences

The late Nalwadda Branny
Born: 20th December 1980
Died: 20th July 2023

The family of the late Nalwadda Branny of Kasambira Village in Kamuli District wish to extend their sincere appreciation to all friends, relatives and inlaws who attended the funeral of the deceased at their ancestral home in Buwenge. Special thanks go to Dr. Eric Kimbo of Kamuli Hospital who tried to save the life the deceased though in vain. Hon: Sam Kiguli who transported the body to the burial ground and Rev. Mudumba Richard who presided over the funeral service. May her soul rest in peace
Joan Magoola
Daughter of the deceased

43. Arrange the sentences to make a good story.

- The winning house is given a trophy and this marks the end.
- This is usually done once a year.
- Every school holds a Sports Day.
- The sports master calls for an assembly and informs the children.
- Participants compete in various items.
- Children begin practising in their respective houses.
- The guest of honour starts the function.
- Participants are selected according to different races.
- On the Sports Day, parents and other guests are welcomed by the guides.
- After the selection of participants children are given invitation letters to take to their parents.

QUESTIONS

- Where did the information appear?
- Who is the deceased?
- How old was the deceased by the time she died?
- Where was the deceased buried?
- By whom was the notice written?
- Why was the family of the deceased thankful to Dr. Eric Kimbo?
- Who transported the body of the deceased for burial?
- How was the writer related to the deceased?
- Who was Mudumba Richard?
- When was the deceased born?

44. Imagine you had an education tour to a place you have never been. Your father made sure that he paid for you the fee much as he was not in a good financial stand. Write a letter and thank him for the sacrifice. Also tell him some of the interesting things you learnt from the tour. Don't forget to talk about your academic performance in term II. Use your school address.

- Name the germ that causes bubonic plague to humans.
- What type of underground stems does a ginger belong?
- Besides making mating easy, give one other reason sheep farmers give for docking.
- State one difference between reptiles and amphibians in terms of reproduction.
- Name the part of the ear that equalises air pressure inside and outside the ear.
- How does spraying of crops help in controlling pests?
- The diagram below shows one of the methods of administering first aid. Use it to answer questions that follow.



- Name the accident to which the first aid above was administered
8. Why are structures W tied around the injured part?
9. Which structures in a tap root protect it from mechanical damage?
10. State one disadvantage of using inorganic fertilisers over organic manure.
11. How are villi of great importance in the ileum?
12. Give a reason why blood flows at a high pressure through arteries.
13. State the function of the suction pad to a leopard.
14. Which type of eclipse occurs

- when the sun and the earth lie on either side?
- Why does the skin produce goose pimples during a cold day?
- Write down one danger which may occur if proper personal hygiene is not observed by an individual.
- Name the muscles which work without one's control.
- The diagram below shows an artificial vegetative propagation. Name the method of vegetative propagation shown.
- State one advantage of using the above method.
- Give adaptation of a fuse to its function.
- Mention any one unacceptable habit among the juveniles.
- Name the domestic animal



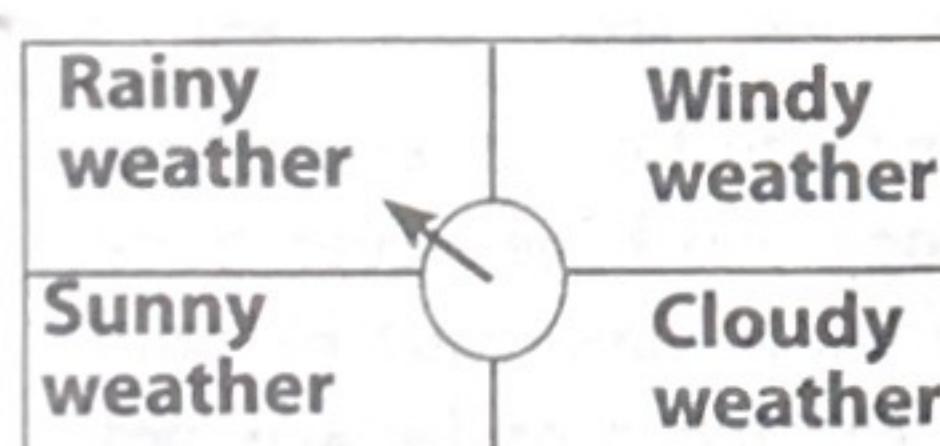
- usually affected by snuffles disease.
- Why is moulting regarded as a biological change?
- Mention one way of promoting the formation of strong teeth.
- How does sleeping under treated mosquito net prevent us from contracting malaria?
- State the importance of a barometer to a weather station.
- Why do toads and frogs lay their eggs with a jellylike substance?
- Mention the property of air that enables Apolo to sip Novida using a straw.
- Besides using a strip cup, state any other way a farmer can tell that his cow is suffering from mastitis.
- What are handles of frying pans made of?
- Name the non metallic conductor of electricity in a dry cell
- State one factor that influences transpiration.
- State one role of a family in promoting immunisation
- How is the process of excretion important to an organism?
- Name the invertebrate that produces its young ones alive.
- Mention one factor that instigates smoking.
- How are brown eggers different from light Sussex in terms of productivity?
- Below is a structure of a mollusc, use it to answer questions that follow



- Give the functions of the structures marked G
39. In which way is the above mollusc dangerous to human health?
40. How is excessive alcoholism dangerous to human health?

SECTION B

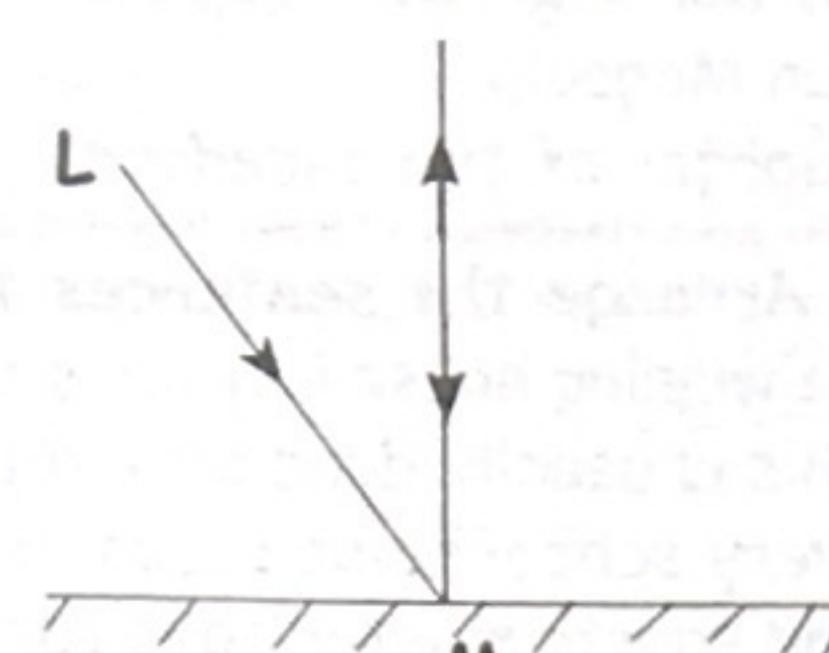
- 41 a) Mention any two common diseases that affect the locomotor system.
b) State one way the above system is important to the circulatory system.
c) What advice can you give to a friend so as to maintain the proper working of the locomotor system?
42 The diagram below shows a weather chart use it to answer questions that follow.



- a) What is the weather according to the chart?
b) How do Plants benefit from the above weather?
c) Why is weather forecasting necessary in crop farming?
d) How is a rain gauge useful to a maize farmer?
43 a) Write AI in full as used in cattle keeping.
b) Give the meaning of the following terms:
i) crossbreeding ii) Ear-notching
c) Name a cattle disease that

- makes an animal to move in circles
- Identify the type of change of matter which takes place when:
 - A liquid changes to a solid
 - A solid changes directly to a gas
- Give two other effects of heat on matter besides causing change of states.
- Which set of teeth are irreplaceable once lost?
- How are canine teeth adapted to their functions?
- Outline two bad foodstuffs for the teeth.
- Give the meaning of the term 'teenage pregnancy'.
Besides failure to deliver, mention any other two consequences of teenage pregnancy.
- How can teenage pregnancy be avoided in a school?
- State the meaning of the following terms:
 - Drug abuse
 - Drug dependency
 - Drug misuse
- Give one danger of buying drugs from local shops.
- Name the organ that removes nitrogenous compounds

- from the body.
- To which body system does the above organ belong?
- Where does urine collect before it is removed from the body?
- Name any one disease that affects the organ you gave in c).
- Use the diagram below to answer questions that follow



- a) Name the ray LM
b) Complete the diagram correctly
c) If ray LM makes 43° to the normal. What is the size of the angle of reflection?
d) Give a reason for your answer
50 a) Give two examples of swimming birds.
b) State two adaptations of birds of prey to their mode of feeding.
51 a) What is the importance of a school garden to school children?
b) Identify two factors to be considered when choosing an area for a school garden.

- b) Name any one farming practice school children can do to care for crops in the garden.
52 a) Name the static electricity in nature.
b) What force helps the above type of electricity to take place?
c) Give one way in which the above electricity is a disadvantage to the environment.

- 53 a) During the process of making charcoal, state why each of the following is done:

- Covering wood with grass
- Covering wood with soft moist soil
- Creating holes after covering wood with soil

- b) How does use of clay stoves help to conserve wood fuel?

- 54 a) State the difference between heat and temperature.

- b) Give two major reasons why mercury is used in a clinical thermometers instead of alcohol

- c) Why is a clinical thermometer placed in the armpit and under the tongue?

- 55 a) Why should each parent own a child health card, give two reasons.

- b) Apart from polio, mention any other two viral childhood immunisable diseases.

ANSWERS TO ISSUE 35

- Hydrostatic skeleton
- Friction force
- Transport waste products
- Pineapple, barley
- Worker bee
- Vacuum seal
- It is not easy to manage
- To keep water in the soil
- To control soil erosion
- Act of removing food remains in the teeth using a floss
- A stone
- skin
- Fencing swimming pools
- Covering pools of water / covering ponds of water
- $\frac{180}{4} = 45$
- Enzymes
- Virginity is health
- Transpiration
- They don't support burning, Prevent tungsten from evaporating
- Check the presence of mastitis
- Polio
- Takes urine to the urinary bladder
- Regular exercises
- Sweeping the compound, mopping classroom
- Earthquakes, floods
- Makes muscles stiff
- Increasing the speed of rotation
- Potential energy
- The sun
- Petrol floats and continues to burn
- Have a juicy mesocarp
- To prevent reinfection
- Provide water / protein to the embryo
- Prevents water and oxygen to reach the metal directly
- Sun
- The rays of light cross each other after passing through the hole.
- Moth
- Has the effort between the load and fulcrum
- Pectoral fins
- Milk
- Ligament attaches a bone to another bone while a tendon attaches a bone to a muscle.
- a) Housefly
b) mosquito
c) Has six legs, Has an exoskeleton
- a) Earthworm
b) Help in the aeration of the soil
c) Roundworms
d) Has no back bone
- a) Natural immunity
i) Artificial immunity
b) Inform people about National Immunisation days
- Teach people the importance of immunisation.
c) To get immunised against Tetanus
- To check on the health of the foetus
- a) By vibration of his vocal cords when air passes over them
b) CD, MP3, Flash disc
c) Tension, size of the material, Frequency
- Salmonella - Typhoid
- Chlamydia - Trachoma
- plasmodia - Malaria
- Onchocerca volvulus - River blindness