ELIMU254 HOLIDAY ASSIGNMENTS

Kenya CBC | Junior School | Grade 9

Name		**Class**	
School		**Year**	

DECEMBER HOLIDAY ASSIGNMENT 2026

GRADE 9: ALL SUBJECTS

INSTRUCTIONS TO THE LEARNER

1. Write your name, class and school in the spaces above.
2. This booklet revises the whole year. Do one block every two weeks: Week 1-2 revises Term 1, Week 3-4 revises Term 2 and Week 5-6 revises Term 3.
3. Answer ALL the questions in the spaces provided. Show your working where a question needs it.
4. For a multiple-choice question, circle the letter (A, B, C or D) of the correct answer.
5. Do the Religious Education section for your own religion only.
6. Ask a parent or guardian to mark each block using the answers at the back of the booklet, and to sign the plan below.

MY HOLIDAY PLAN

Block	Subjects	Out of	Score	Sign
Week 1-2	Mathematics, English, Integrated Science, Agriculture and Nutrition, Social Studies, Pre-Technical Studies, Creative Arts and Sports, Christian Religious Education, Islamic Religious Education	176		
Week 3-4	Mathematics, English, Integrated Science, Agriculture and Nutrition, Social Studies, Pre-Technical Studies, Creative Arts and Sports, Christian Religious Education, Islamic Religious Education	171		
Week 5-6	Mathematics, English, Integrated Science, Agriculture and Nutrition, Social Studies, Pre-Technical Studies, Creative Arts and Sports, Christian Religious Education, Islamic Religious Education	167		

Set by Elimu254 from the KICD curriculum designs and our lesson notes. The answers for marking are at the back. © 2026 Elimu254: licensed to the buyer for printing for their own learners.

WEEK 1-2

Revision of Term 1

MATHEMATICS (14 MARKS)

1. Work out -12 ÷ (-3) × 2 - (-5) × (-2). (1 mark)

A -2 **B** 18

C -18 **D** 2

2. A cube has a volume of 1,728 cm^3. What is its total surface area? (1 mark)

A 144 cm^2 **B** 864 cm^2

C 1,728 cm^2 **D** 72 cm^2

3. If 10 to the power x = 0.001, then x = (1 mark)

A 3 **B** -3

C 1/3 **D** -1/3

4. Pipe A fills a tank in 6 hours and pipe B fills it in 3 hours. How long do they take to fill it TOGETHER? (1 mark)

A 4.5 hours **B** 2 hours

C 9 hours **D** 3 hours

5. A diver is 18 m below the surface. She rises 7 m a minute for 2 minutes, then dives down 11 m. How far below the surface is she now? (2 marks)

6. Find the cube root of 3,375 by the factor method. (3 marks)

7. Solve 3 to the power (2x - 1) = 27. (2 marks)

8. 8 men working 6 hours a day take 15 days to dig a trench. How many days would 12 men working 5 hours a day take to dig the same trench? (3 marks)

ENGLISH (18 MARKS)

1. Which is the most polite request? (1 mark)

A "Would you mind opening the window, please?" **B** "Open the window."

C "Window, now!" **D** "You, open that."

2. A book about the life of a real person written by someone else is a: (1 mark)

A novel **B** biography

C play **D** poem

3. The gender-neutral form of "headmaster" is: (1 mark)

A headman **B** headwoman

C head teacher **D** master

4. Words in brackets that tell actors how to move or speak are: (1 mark)

A dialogue **B** stage directions

C the cast **D** the plot

5. Rewrite each sentence politely: (a) "Give me your pen." (b) "You are wrong." (c) "Move!" (3 marks)

6. Name two fiction and two non-fiction reading materials suitable for a Grade 9 learner. (4 marks)

7. Rewrite in gender-neutral language: (a) "Every doctor must sign his report." (b) "The firemen arrived quickly." (c) "Mankind has explored space." (3 marks)

8. Name four structural parts of a play. (4 marks)

INTEGRATED SCIENCE (18 MARKS)

1. An atom of sodium has 11 protons, 11 electrons and 12 neutrons. Its MASS number is (1 mark)

A 11 **B** 12

C 23 **D** 34

2. Brass is an alloy of (1 mark)

A copper and tin **B** copper and zinc

C iron and carbon **D** aluminium and copper

3. Which method removes BOTH temporary and permanent hardness of water? (1 mark)

A Boiling **B** Adding washing soda

C Filtering **D** Adding chlorine

4. The electron arrangement of oxygen (atomic number 8) is: (1 mark)

A 2.8 **B** 8

C 2.2.4 **D** 2.6

5. Write the electron arrangement of (a) oxygen, atomic number 8, and (b) magnesium, atomic number 12. Which of the two is a metal? (3 marks)

6. Give the two conditions needed for iron to rust, and one way of preventing rusting. (3 marks)

7. Give one advantage and one disadvantage of hard water. (2 marks)

8. Copy and complete for the three sub-atomic particles: where each is found, its charge and its relative mass. (6 marks)

AGRICULTURE AND NUTRITION (20 MARKS)

1. Good hay should be: (1 mark)

A brown and dusty
B green and leafy
C wet and mouldy
D full of weeds

2. Leftover food should be reheated: (1 mark)

A many times
B only until warm
C once, until steaming hot
D never

3. Slurry from a biogas digester is used as: (1 mark)

A cooking fuel
B drinking water
C animal feed
D organic fertiliser

4. Forage is best cut for hay at: (1 mark)

A early flowering
B seed shedding
C germination
D any time

5. List the steps of making hay, from cutting to storage. (5 marks)

6. Describe four ways of handling leftover food safely. (4 marks)

7. What is integrated farming? Give three advantages. (4 marks)

8. Give three reasons why farmers conserve forage. (3 marks)

SOCIAL STUDIES (23 MARKS)

1. A learner who loves Biology and wants to be a doctor should choose the: (1 mark)

A Arts and Sports Science pathway **B** STEM pathway

C Social Sciences pathway **D** any pathway

2. An experienced person who guides a learner about a career is a: (1 mark)

A peer **B** rival

C mentor **D** client

3. The first step of a CSL project is: (1 mark)

A reporting **B** implementing

C evaluating **D** identifying a community problem

4. Olorgesailie is famous for: (1 mark)

A hand axes of the Early Stone Age **B** rock paintings

C iron smelting **D** pottery

5. Name the three Senior School pathways and give one career linked to each. (6 marks)

6. Name four pre-career support systems available to a Grade 9 learner. (4 marks)

7. Arrange the steps of a community service-learning project in order: implementing, reporting, identifying the problem, planning, reflecting, researching. (6 marks)

8. Name one tool used in each period: (a) Early Stone Age (b) Middle Stone Age (c) Late Stone Age. (3 marks)

PRE-TECHNICAL STUDIES (21 MARKS)

1. A ladder reaching 8 m up a wall should have its foot this far from the wall: (1 mark)

A 1 m **B** 2 m

C 4 m **D** 8 m

2. Paraffin should be stored in: (1 mark)

A a soda bottle **B** a cooking pot

C its labelled original container **D** an open bucket

3. A natural gift such as a good singing voice is a: (1 mark)

A hobby **B** job

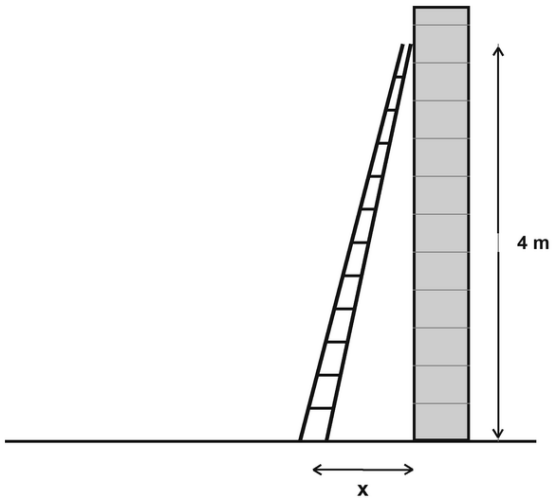
C skill learnt **D** talent

4. In cabinet oblique, receding lines are drawn: (1 mark)

A half their true length **B** full length

C twice their length **D** vertically

5. A ladder leans against a wall and reaches a height of 4 m, as shown below.

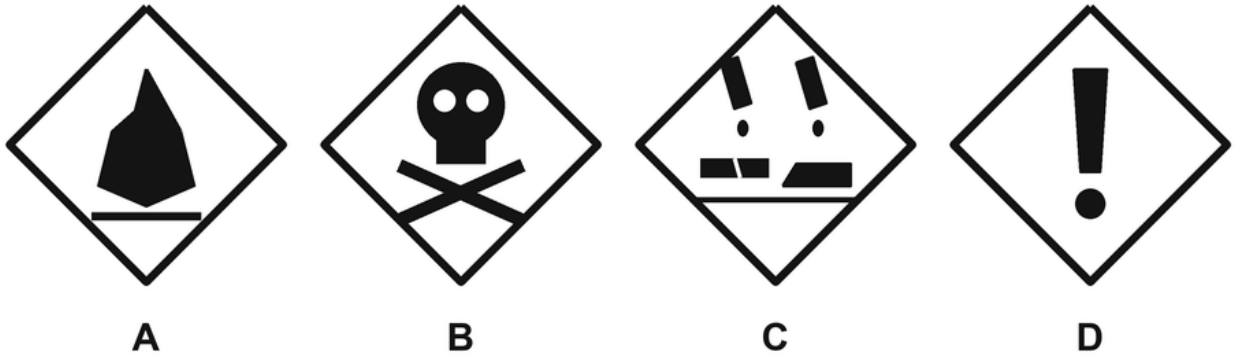


A ladder against a wall

(a) Using the 1-in-4 rule, how far from the wall should the foot of the ladder be (x)? (2 marks)

(b) Give two other rules for using a ladder safely. (2 marks)

6. The diagram below shows four hazard symbols found on containers.



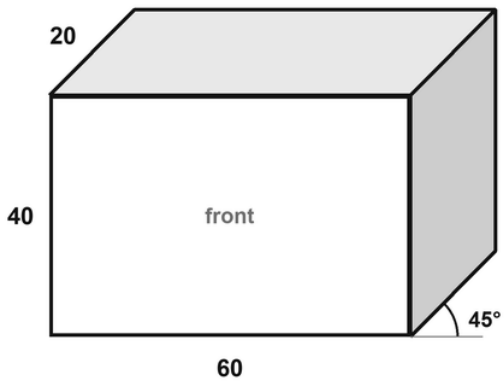
Hazard symbols

(a) State the meaning of each symbol A, B, C and D. (4 marks)

(b) Give an example of a household substance for A and for C. (2 marks)

7. Distinguish between a talent, an ability and an interest. (3 marks)

8. The drawing below shows a block drawn in oblique projection. All sizes are in mm.



An oblique drawing of a block

(a) The receding lines are drawn half their true length. Name this type of oblique projection. (1 mark)