

# ***The Ambassadors College, Ota***

**GRADE 7 (HONOURS)**

**Second Term Holiday Assignment**

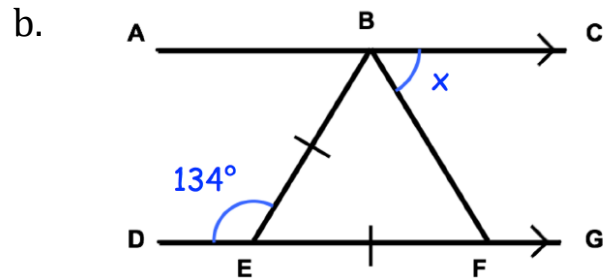
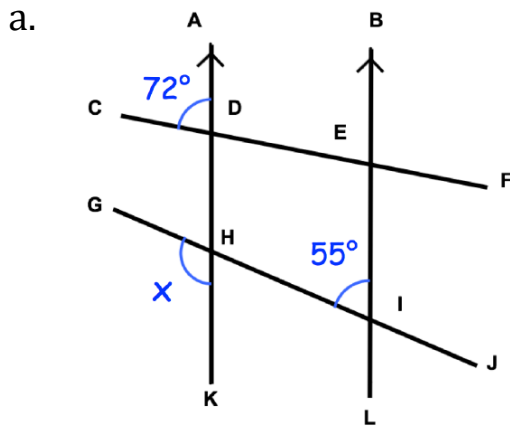
**HOLIDAY ASSIGNMENT**

**2024/2025 Academic Session**

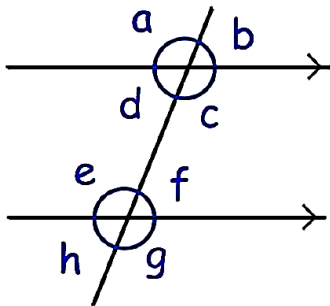
**Name:** \_\_\_\_\_

**MATHEMATICS**

1. Find the sizes of the angle  $x$  in the diagrams below.  
(Give reasons for your answers).



2. From the diagram below, answer the following questions:



- Which angle is corresponding to angle  $c$ ?
- Which angle is alternate to angle  $d$ ?
- Which angle is corresponding to angle  $h$ ?
- Which angle is vertically opposite to angle  $a$ ?
- Which angle is alternate to angle  $e$ ?
- Which angle is co-interior with angle  $c$ ?
- Which angle is vertically opposite to angle  $h$ ?
- Which angle is co-interior with angle  $e$ ?
- Which angle is corresponding to angle  $a$ ?
- Which angle is vertically opposite to angle  $g$ ?

## ENGLISH LANGUAGE

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Carefully read and understand the instructions given, then attempt the following questions inside your Cambridge Lower Secondary English Workbook 7; pages 61 - 63; Chapter 5.1 - Unusual schools; Focus 1 and Practice 2. Chapter 5.2 - School Uniform; Focus 1 and Practice 2.

## BASIC SCIENCE

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### ***BIOLOGY***

1. Cambridge lower secondary science learner's workbook 7
  - a. Exercise 4.4A (page 81-82)
  - b. Exercise 4.4B (page 83-84)

### ***PHYSICS***

1.
  - a. Differentiate between Infrasound and Ultrasound
  - b. Write five (5) applications of sound reflection
2.
  - a. Define the term "Energy"
  - b. A ball of mass 200g travels with a velocity of 20m/s. Calculate the energy possessed by the ball due to its motion.

### ***CHEMISTRY***

Science workbook page 95-96 (exercise 5.2C)

## BASIC TECHNOLOGY

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1. Mention 4 care of metal work hand tools.
2. State 4 types of building according to uses.
3.
  - (a) What is site preparation?
  - (b) What is setting out?

## **BUSINESS STUDIES**

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1. Print a well labelled typewriter on an A4 (typing paper)
2. State any 10 parts of a typewriter below your printed diagram.

## **NATIONAL VALUE EDUCATION**

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1. Define National unity.
2. State 4 importance of national unity.

## **COMPUTER STUDIES**

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1. a. Define computer software  
b. Mention the two types of computer software
2. a. Mention 5 early counting development devices  
b. List four problems associated with the early counting devices.

## **PHYSICAL & HEALTH EDUCATION**

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1. a. Define Food.  
b. List the classes of food and give two examples each of the classes.
2. List 5 importance of food.

## **HOME ECONOMICS**

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Make one of the following crafts with any material of your choice:

1. a throw pillow / duvet
2. a fruit basket
3. a flowery table cover

## **AGRICULTURAL SCIENCE**

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1. Briefly state the uses of the following machinery on the farm:  
i. Sheller                      ii. Plough                      iii. Dryer  
iv. Harrow                      v. Ridger