

# *The Ambassadors College, Ota*

**GRADE 8**

**Second Term Holiday Assignment**

**HOLIDAY ASSIGNMENT**

**2025/2026 Academic Session**

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

## MATHEMATICS

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1. A laptop costs £480.
- It is reduced by **15%**
  - Then a further **10% discount** is taken off the new price
  - After that,  **$\frac{1}{8}$  of the discounted price** is added as tax

**What is the final price?**

2. £720 is shared between A, B, and C in the ratio **4 : 5 : 3**.
- A gives  **$\frac{1}{4}$  of his share** to B
  - B then gives  **$\frac{1}{5}$  of his new total** to C

**How much money does C have at the end?**

3. A rectangle is 10 cm by 6 cm.
- Its length is increased by 20%
  - Its width is decreased by 10%
  - Then find the new area

**How much has the area changed compared to the original?**

## ENGLISH LANGUAGE

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Checkpoint Workbook (Pages 69, 70, 71, and 73)

- Unit 5.4 YOUNG HEROES Practice 2 and Challenge 3.
- Unit 5.5 SUPERHEROES Focus 1.
- Unit 5.6 SCRIPTING STORIES Focus 1.

## **BASIC SCIENCE**

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1. Define the following:
  - (a) Magnet
  - (b) Magnetism
  - (c) Magnetic field
  - (d) Demagnetization
2.
  - a. With the aid of diagrammatic representations, state law of magnetism
  - b. List two methods of making magnet.

## **BUSINESS STUDIES**

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1. What is transportation.
2. Mention four airline operators in Nigeria.
3. What is communication.
4. Mention four electronic advertising media that is common in Nigeria.

## **NATIONAL VALUE EDUCATION**

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1. Define Constitution.
2. Explain 4 types of constitution.

## **COMPUTER STUDIES**

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1. Write an algorithm and flowchart to calculate the perimeter of a rectangle.
2. Write a BASIC program to calculate the perimeter of a rectangle.