The Ambassadors College, Ota

GRADE 8

First Term Holiday Assignment
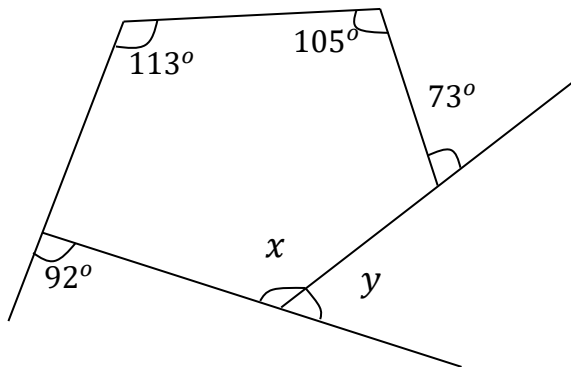
HOLIDAY ASSIGNMENT

2025/2026 Academic Session

Name: _____

MATHEMATICS

1. Simplify: $\dfrac{\frac{3}{5} \; of \; \frac{3}{4} - \frac{7}{8} + 1\frac{3}{4} + 1}{5\frac{3}{5} - 2\frac{1}{4} \div 1\frac{1}{4} \times 2\frac{1}{2}}$

2. A sector of a circle of radius 12cm and angle 330° is bent to form a cone. Calculate

   i.   The radius of the base of the cone

   ii.   The curved surface area of the open cone.

3. In the diagram below, find angles x and y.

ENGLISH LANGUAGE

Prose text: Somayina _ The Smart Orphan by Chigbo Ugwuoke

1. State at least three major characters in the text.

2. State at least three settings embedded in the text.

3. What caused Uncle Spikes' dislike for Somayina?

4. Narrate what transpired when Somayina asked for direction on the road?

5. Summarize Lamido's benefits from Somayina's friendship.

BASIC SCIENCE

1.   Define light energy

2.   Explain the meaning of the following materials.

    a.   Transparent

    b.   Translucent

    c.   Opaque

3.   State the law reflection

BASIC TECHNOLOGY

1.   a.   State five (5) metal work machines that you know

    b.   Explain the function of each machine mentioned in 1(a)

2   Construct a triangle PQR such that PQ = 50mm, QR = 70mm and PR = 45mm. Circumscribe PQR

BUSINESS STUDIES

1.   Explain the term cheque

2.   Mention 10 commercial banks in Nigeria showing their year of establishment and CEOs (in a tabular form)

NATIONAL VALUE EDUCATION

1.   Define the meaning of the Rule of Law

2.   State A.V Dicey three principles of the rule of law

COMPUTER STUDIES

1.   Define System software

2.   Mention any FIVE examples of system software

3.   Give Two definitions for operating system

4.   Mention FIVE examples of operating system