KENYA CERTIFICATE OF BASIC EDUCATION (K.C.B.E)

GRADE 10 –METAL TECHNOLOGY

April 2026

Time: 2 Hours

Code: CKEAB 004

Homework

LEARNER'S DETAILS

Name: _____School: _____

Assessment Number: _____School Code: _____ Date: _____Signature: _____

INSTRUCTIONS TO LEARNERS

Answer all questions

SECTION A: THEORY (80 Marks)

Answer all questions in this section.

1. A learner is asked to observe different metal workshop tools. (6 marks)

a) List and define THREE types of hand tools commonly used in metal workshops.

i. _____

ii. _____

iii. _____

b) State TWO reasons why workshop safety is essential when using these tools.

i. _____

ii. _____

2. A school metal workshop receives a delivery of different metals: iron, copper, aluminum, and steel. (5 marks)

a) Name the metals suitable for making:

i. Conductive wires: _____

ii. Cooking utensils: _____

iii. Structural beams for buildings: _____

iv. Corrosion-resistant roofing sheets: _____

b) Distinguish between ferrous and non-ferrous metals in TWO points.

i. _____

ii. _____

3. A metalworker arranges the workshop poorly, leaving scrap metal and tools on the floor. (4 marks)

a) Outline THREE risks of having a cluttered workshop.

i. _____

