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

GRADE 10 –CORE MATHEMATICS





April 2026

Time: 2 Hours

Code: CKEAB 004

LEARNER'S DETAILS

Name: _____School: _____

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

INSTRUCTIONS TO LEARNERS

i. Answer **all questions**.

ii. Show all working clearly.

iii. Use mathematical tables or a calculator where necessary.

CORE MATHEMATICS (100 MARKS)

1. Solve for x: (3 marks)

$$4^{x+1} \times 2^{2x-3} = 512$$

2. Use logarithms to evaluate: (3 marks)

$$\frac{2.735 \times 0.0846}{0.693}$$

