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

GRADE 10 –ESSENTIAL 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.
iii. Non-programmable calculators allowed.
iv. Take π = 3.14 unless stated otherwise.

SECTION A (35 MARKS)

1. (6 Marks)

a) Simplify:

$$\frac{3^4 \times 3^{-2}}{3^3}$$

b) Express 0.00032 in standard form.

c) Rationalize and simplify:

$$\frac{5}{\sqrt{3}}$$

