# GRADE 10 MIDTERM 2 CBE EXAMINATIONS

## *Kenya Certificate of Basic Education (K.C.B.E)*

# ESSENTIAL MATHEMATICS

# Time: 2 HOURS

**LEARNER'S DETAILS**

**Name:** _____. **School:** _____.

**Assessment Number:** _____. **Date:** _____.

**School Code:** _____. **Signature:** _____.

**INSTRUCTIONS TO CANDIDATES**

1. Write your full name in the space provided above.
2. Indicate your school, stream, admission number, and date clearly.
3. This paper has **TWO sections: A and B**.
4. Attempt **ALL questions** in both sections.

**MARKING GUIDE**

| Section | Maximum Score | Learner's score |
|---|---|---|
| A | 30 Marks | |
| B | 50 Marks | |
| **Total** | **80 Marks** | |

**SECTION A (30 MARKS)**

**Answer ALL questions in this section.**

**1.** A learner stated that 84 is a composite number. List all its factors to support this statement. *(3 marks)*

**2.** Write down any three prime numbers between 60 and 70. *(3 marks)*

**3.** Explain briefly why $\sqrt{7}$ is an irrational number. *(2 marks)*

***For Marking Schemes, Contact Kenya Educators Consultancy 0724 333 200 OR***

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