KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 8 — END OF TERM 2 EXAMINATION 2026

MATHEMATICS

KJSEA 903

TIME: 2 Hours

Candidate's Name		**Adm Number**	
School Name		**School Code**	
Candidate's Signature		**Date**	

INSTRUCTIONS TO CANDIDATES

1. This paper has two sections: A (Multiple Choice, 20 marks) and B (Structured, 80 marks).

2. Answer ALL questions in BOTH sections.

3. Show ALL working in section B. Marks may be awarded for correct working even if the final answer is wrong.

4. Non-programmable calculators may be used except where stated otherwise.

SECTION A: MULTIPLE CHOICE (20 Marks)

Answer all questions.

1. What is the LCM of 12, 18 and 24?

A. 36 B. 48 C. 72 D. 96

2. Simplify: $3^2 \times 3^3 \div 3^4$

A. 3 B. 9 C. 27 D. 81

3. The value of $\sqrt{(0.0064)}$ is

A. 0.08 B. 0.008 C. 0.8 D. 0.0008

4. A rectangle has length $(2x + 3)$ cm and width $(x - 1)$ cm. Its perimeter in terms of x is

A. $(6x + 4)$ cm B. $(3x + 2)$ cm C. $(4x + 4)$ cm D. $(6x + 2)$ cm

5. Solve: $3x - 7 = 2x + 5$

A. $x = 2$ B. $x = 12$ C. $x = -2$ D. $x = 8$

6. A car travels 240 km in 3 hours. What is its average speed in km/h?

A. 60 B. 70 C. 80 D. 90

7. Express 0.000456 in standard form.

A. 4.56×10^{-4} B. 4.56×10^{-3} C. 4.56×10^{4} D. 45.6×10^{-5}

8. In a class of 40 students, 55% are girls. How many boys are in the class?