KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT
MATHEMATICS GRADE 9
MID TERM 2 EXAM 2026

NAME……...ASSESSMENT NO…….

SECTION A (20 MARKS)
Answer all questions in this section by choosing the correct alternative.

1. Evaluate: 36 - [3 × (4 + 2)]

A. 26 B. 30 C. 24 D. -26

2. Simplify: $10m^4 \times 2m^3$

A. $12m^7$ B. 20m C. $20m^4$ D. $20m^7$

3. Express 0.1979 in standard form:

A. 1.1979×10^{-1} B. 1.979×10^{1} C. 1979×10^{3} D. 1.979×10^{-1}

4. Jean cycled from home to the market. The bicycle travelled 800 m in 40 seconds. What was Jean's speed in Km/h?

A. 72 km/h B. 20 km/h C. 80 km/h D. 48 km/h

5. In a school, the ratio of girls to boys is 5:3. If there are 160 more girls than boys, how many boys are there?

A. 400 B. 96 C. 640 D. 240

6. Solve the inequality: $3t + 2 < 11$

A. $t < 3$ B. $t < 4$ C. $t > 3$ D. $t > 4$

7. The length of a room is three times its width. If the perimeter is 48 m, find the area of the room.

A. 144 m^2 B. 108 m^2 C. 96 m^2 D. 120 m^2

8. The radius of a semicircular protractor is 50 cm. What is the distance all round the area covered?

A. 220 cm B. 281.6 cm C. 308 cm D. 242 cm

9. Jane can type a document in 6 hours, while Lucy can do the same work in 4 hours. How long will it take them working together?

A. 2.4 hours B. 3 hours C. 5 hours D. 1.5 hours

10. Evaluate: $(2/3)^3$