PaperSetter Sample School

Mathematics: Whole Numbers, Fractions, Area…

GRADE 6 — 2026

KENYA UPPER PRIMARY SCHOOL EDUCATION ASSESSMENT

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

MATHEMATICS

Grade 6

Time: 21 minutes

INSTRUCTIONS TO CANDIDATES

1. Write your name and assessment number in the spaces provided above.
2. Write the name and code of your school in the spaces provided above.
3. Sign and write the date of the assessment in the spaces provided above.
4. This paper may consist of multiple sections.
5. Answer questions as instructed on the paper.
6. Do all the necessary rough work on the question paper.
7. Do not remove any page from this question paper.

STRANDS AND SUBSTRANDS TESTED

Strand	Substrands Tested
Numbers	Whole Numbers, Fractions
Measurement	Area, Mass
Geometry	Angles
Algebra	Inequalities

TOTAL: 14 marks

Candidate's Score: **Sec A:** ☐ **Total:** ☐ **/ 14**

Fill candidate's score per section; Teacher to sum and write total

TEACHER ASSESSMENT OF LEARNER PERFORMANCE

Tick (✓) the appropriate box based on learner's overall performance:

Below Expectation (BE)	Approaching Expectation (AE)	Meeting Expectation (ME)	Exceeding Expectation (EE)
☐	☐	☐	☐

1. What is the GCD of 24 and 36?

A. 12

B. 6

C. 4

D. 24

2. Convert $\frac{23}{4}$ to a mixed number.

A. 5 $\frac{3}{4}$

B. 6 $\frac{3}{4}$

C. 4 $\frac{3}{4}$

D. 5 $\frac{1}{4}$

3. A trapezium has parallel sides 10 cm and 14 cm, height 6 cm. Find its area.

A. 72 cm²

B. 84 cm²

C. 60 cm²

D. 144 cm²

4. Convert 3 tonnes 250 kg to kg.

A. 3,250 kg

B. 325 kg

C. 32,500 kg

D. 3,025 kg

5. The sum of angles in a triangle is:

A. 180°

B. 360°

C. 90°

D. 270°

6. Solve: $x + 3 > 7$

A. x > 4

B. x > 10

C. x < 4

D. x > 3

7. The sum of two numbers is 5,600 and their difference is 1,200. What is the larger number?

A. 3,400

B. 2,200

C. 4,400

D. 4,800

8. A mother divided Ksh 2,400 among her children. The eldest got $\frac{1}{3}$ and the youngest got $\frac{1}{4}$. How much did the two get altogether?

A. Ksh 1,400

B. Ksh 1,200

C. Ksh 1,000

D. Ksh 1,600

9. A rectangular plot 60 m by 40 m has a circular fountain of radius 7 m in the middle. What is the area of the remaining land? (Use $\pi = \frac{22}{7}$)

A. 2,246 m²

B. 2,400 m²

C. 154 m²

D. 2,554 m²

10. A truck can carry a maximum of 5 tonnes. It has 3,450 kg loaded. How many more kg can be added?

A. 1,550 kg

B. 2,550 kg

C. 1,450 kg

D. 1,650 kg

11. A triangle has angles 65° and 45°. What is the third angle?

A. 70°

B. 80°

C. 110°

D. 60°

12. List the whole numbers satisfying $2 \leq x < 7$.

A. 2, 3, 4, 5, 6

B. 3, 4, 5, 6

C. 2, 3, 4, 5, 6, 7

D. 1, 2, 3, 4, 5, 6

13. An isosceles triangle has one angle of 40°. It is between the equal sides. What are the other two angles?

A. 70° each

B. 80° each

C. 40° each

D. 60° each

14. Solve: $-2x > -8$

A. x < 4

B. x > 4

C. x < −4

D. x > −4