

Grade 9 — Math Assessment (Constructed Response)

Name: _____ Date: _____

1. Add: $(456,789 + 123,456)$.

2. Subtract: $(500,000 - 123,789)$.

3. Multiply: $(3,141 \times 12)$.

4. Divide: $(7,560 \div 28)$.

5. Simplify $(84/126)$.

6. Convert (0.375) to a fraction in simplest form.

7. Find the area of a trapezium with parallel sides 8 cm and 14 cm and height 5 cm.

8. Solve for x: $(2x - 5 = 15)$.

9. A student scored (72, 85, 91, 64). Find the median and mean.

10. Find the gradient of the line passing through (2,3) and (6,11).

11. Expand and simplify: $(x + 4)(x - 2)$.

Grade 9 — Math Assessment (continued)

12. A metal sheet of area 2.5 m^2 is cut into squares of side 0.5 m . How many full squares can be cut?

13. Solve the system: $x + y = 10$ and $x - y = 2$.

14. Convert (150°) to radians (exact, in terms of π).

15. A loan of KSh 50,000 carries simple interest at 8% per year for 3 years. Find the interest and total amount to repay.
