

Grade 7 — Math Assessment (Constructed Response)

Name: _____ Date: _____

1. Add: $(45,678 + 12,345)$.

2. Subtract: $(50,000 - 17,289)$.

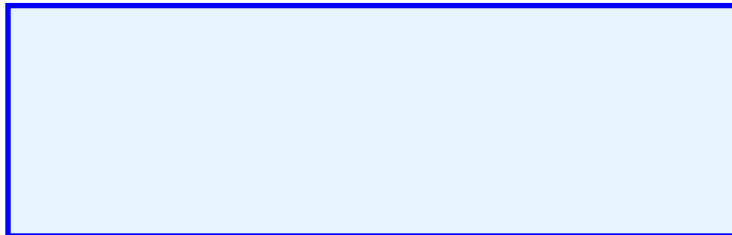
3. Multiply: (312×27) .

4. Divide: $(4,356 \div 18)$.

5. Simplify $(45/60)$.

6. Convert 0.625 to a fraction in simplest form.

width = 8



length = 15

h 8 m.

7. Find the area of a rectangle with length (15) m and width (8) m

8. Find the value of x if $(5x = 235)$.

9. A shop increases price by 12%. New price is KSh 2,240. What was the original price?

10. Find the mean of (14, 18, 22, 26, 30).

Grade 7 — Math Assessment (continued)

11. Find the greatest common divisor (GCD) of 42 and 56.

12. A cylindrical water drum has radius 1 m and height 2 m. Find the volume (leave in terms of π).

13. Express the angle 90° as a fraction of a full turn.

14. Solve: $3(x - 4) = 15$.

15. A school made 360 cookies and packed them into boxes of 12. How many boxes and how many leftover cookies?
