

# KENYA PRIMARY SCHOOL EDUCATION ASSESSMENT

## GRADE 6 - YEAR 2026

6



### MATHEMATICS

Time: 2 hours

#### READ THESE INSTRUCTIONS CAREFULLY

- You have been given this question paper and a separate answer sheet. The question paper contains 30 questions.
- Make sure that you have written on the answer sheet.
  - Your name
  - Name of your school
  - KNEC Assessment Number

1. The Kenya Standard Group produced eight hundred and eighty five thousand eight hundred and eight news papers. What is the figure in symbols?

- A. 885880
- B. 885888
- C. 880808
- D. 885808

2. Round off **709889** to the nearest thousands.

- A. 709900
- B. 709000
- C. 710000
- D. 7010000

3. Find the LCM of **15, 30** and **45**.

- A. 60
- B. 90
- C. 120
- D. 75

4. What is the sum of squares of **7** and **23**?

- A. 578
- B. 900
- C. 30
- D. 536

5. Kemunto bought the following items from a supermarket;

*2kg of flour @ sh 180*

*3 loaves of bread @ sh 65*

*2 packets of milk for sh 110.*

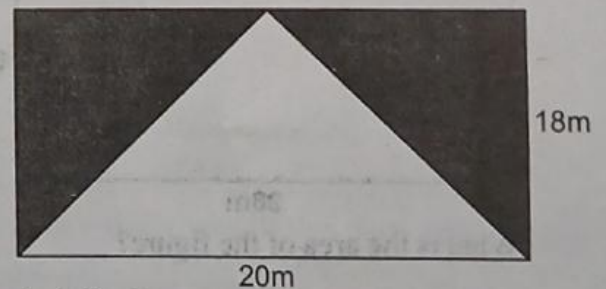
If she paid the bill with a thousand-shilling note, how much balance did she get?

- A. Sh 665
- B. Sh 335
- C. Sh 355
- D. Sh 645

6. What is the next number in the pattern below  
**15, 32, 51, 74, \_\_\_\_\_?**

- A. 93
- B. 105
- C. 103
- D. 101

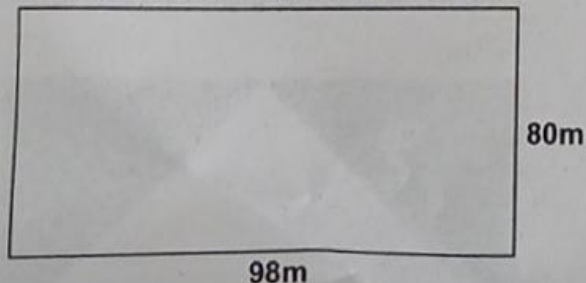
7. Find the area of the unshaded part in the figure below.



- A.  $360\text{m}^2$
- B.  $180\text{m}^2$
- C.  $76\text{m}^2$
- D.  $180\text{m}^2$

8. What is the value of  $75^2$ ?
- A. 6625  
B. 150  
C. 5625  
D. 4225
9. What is the **GCD** of 24, 36 and 84?
- A. 84  
B. 6  
C. 504  
D. 12
10. The sum of two numbers is 213386. One of the numbers is 96567. What is the other number?
- A. 309953  
B. 183221  
C. 116221  
D. 116819
11. The following are multiples of 9. Which one is **not** among the multiples?
- A. 108  
B. 72  
C. 89  
D. 54

12. The figure below represents a garden.

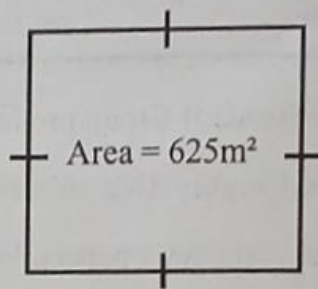


What is the area of the figure?

- A.  $8840\text{m}^2$   
B.  $7840\text{m}^2$   
C.  $356\text{m}^2$   
D.  $7830\text{m}^2$

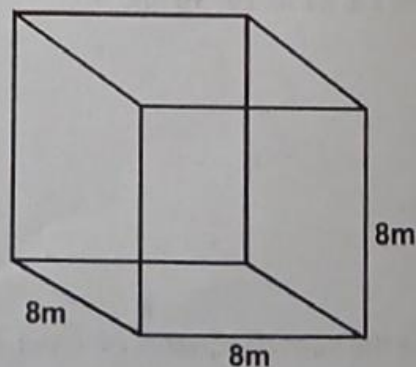
13. Simplify;  
 $16x - 9y + 8x + 13y$ .
- A.  $24x + 4y$   
B.  $7x + 21y$   
C.  $24x - 4y$   
D.  $24x + 7y$

14. The area of a square piece of land is  $625\text{m}^2$ .



Find the perimeter of this square plot.

- A. 15m  
B. 25m  
C. 60m  
D. 100m
15. A safari rally saloon car took 1500 seconds to drive from village C to village D. What is this time in minutes and seconds?
- A. 25 minutes 00 seconds  
B. 15 minutes 00 seconds  
C. 62 minutes 30 seconds  
D. 25 minutes 30 seconds
16. The water was packed in the shape of the container below.



What is the volume of the container used?

- A.  $24\text{m}^3$   
B.  $512\text{m}^3$   
C.  $384\text{m}^3$   
D.  $384\text{m}$

17. **Work out;**

$$72 \div 8 \times 12 + 70 - 98$$

A. 136

B. 144

C. 80

D. 90

18. Grade six learners were learning about multiplication. What would be the best solution or value of;

$$1473 \times 45 =$$

A. 65285

B. 66485

C. 66385

D. 66285

19. Subtract **284979** from **432345**.

A. 252634

B. 147634

C. 147366

D. 147636

20. A square plot of land has an area of **4225m<sup>2</sup>**.

What is the length of one side of this particular plot of land?

A. 130m

B. 65m

C. 1056.25m

D. 260m

21. **Work out the value of;**

$$5330 \div 65 =$$

A. 92

B. 72

C. 82

D. 802

22. Joshua invested five hundred and eight thousand five hundred and eight shillings in poultry farming. Write the amount of money he invested in symbols.

A. Ksh 580508

B. Ksh 508580

C. Ksh 508588

D. Ksh 508508

23. Find the value of the unknown in the equation below.

$$6 \times \underline{\quad} = 48$$

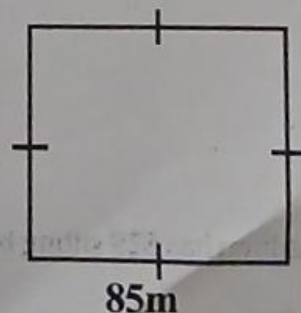
A. 9

B. 288

C. 8

D. 54

24. Mr. Amisi has a plot of land in the shape drawn below.



Work out the area of this particular piece of plot in square metres.

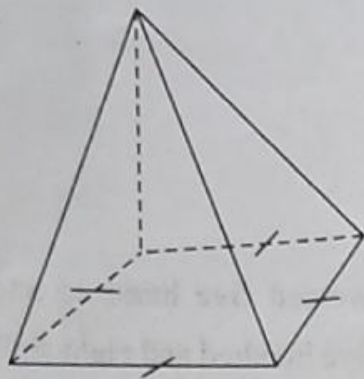
A. 8225

B. 7225

C. 340

D. 680

25. Identify the type of solid drawn below.



- A. A square prism
- B. A triangular prism
- C. A square pyramid
- D. A triangular pyramid

26. Grade 5 learners were learning about an addition operation in the substrand of fraction.

What would be the best solution to;

$$\frac{2}{5} + \frac{3}{7} ?$$

- A.  $\frac{29}{35}$
  - B.  $\frac{5}{12}$
  - C.  $\frac{12}{35}$
  - D.  $1\frac{6}{35}$
27. Kasarani stadium has 529 sitting benches. Each bench has 800 seats. How many people can sit in the stadium when it's full?
- A. 432200
  - B. 423200
  - C. 323200
  - D. 1329

28. Bisera has a container holding 19 litres 800ml of water. He used the container to fetch water which he made three trips to fill a certain tank. How much water did he fetch?

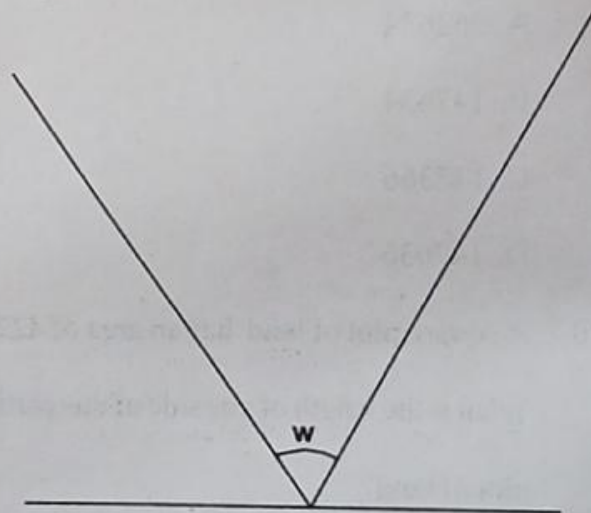
- A. 58 litres 400ml
- B. 60 litres 400ml
- C. 59 litres 2500ml
- D. 59 litres 400ml

29. Work out;

$$40 + 36.47 + 100.6 =$$

- A. 137.47
- B. 137.07
- C. 177.07
- D. 176.07

30. Use a protractor to measure the angle marked by letter w.



- A.  $50^\circ$
- B.  $65^\circ$
- C.  $120^\circ$
- D.  $130^\circ$