REVEALED NATIONAL EXAMINATIONS
JUNIOR SECONDARY SCHOOL
GRADE SEVEN

SERIES 001

Name:	
Grade:	
School:	
Ass. No	

Grade 7 Examination
2023
MATHEMATICS

Time: 2 hours plus 10 minutes for reading.

INSTRUCTION TO CANDIDATE:

- Write your name, candidate number, class and school in the boxes above.
- Do not open this booklet until you are told to do so.
- You are given 10 minutes to read through the questions. Do not start writing until you are told to do so.
- Read each question carefully.
- Answer ALL questions
- Write your answers, in either blue, black ink or pencil in the spaces provided in the booklet.

FOR THE USE OF MARKERS ONLY

MARKS	
Total Score	
Out of	50
Percentage	

TURN OVER

1. What is **6666660** in words? (2mks)

....

2. By how much is the total value of digit eight more than the total value of digit five in the figure below? (2mks)

      4869357

....

3. Write the place value of digit five in the figure below? (2mks)

      2356798

....

4. The abacus below shows number of packets of maize flour sold by a supermarket in one week. (2mks)

What is the number of packets sold rounded off to the nearest ten thousands?

5. Which is the largest 5 -digit odd number that can be formed using the digits (1mks)
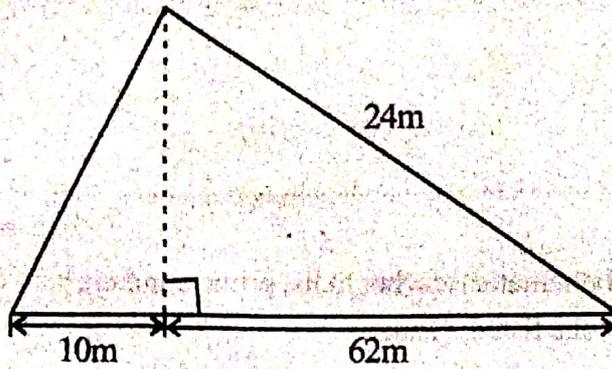   7, 3, 4, 8, 6

....

6. Shannon was asked by her Mathematics teacher to list prime numbers between 70 and 80.
Write all the correct numbers she listed. (1mks)

....

7. The number of boys in a school was half that of girls. If there were 600 pupils in that school,
how many more girls were in that school than boys? (2mks)

....

8. Hamisi bought a 2.4m long sugarcane. He cut it into 8 equal parts and gave each piece to his
friends. What length did two of his friends get? (2mks)

....

9. A grade 7 Mathematics teacher invited a KRA official to teach his class about taxes. Name two
types of taxes he most likely mentioned. (2mks)

10. Find the height of the triangular field drawn below if the area is 648m². (3mrks)
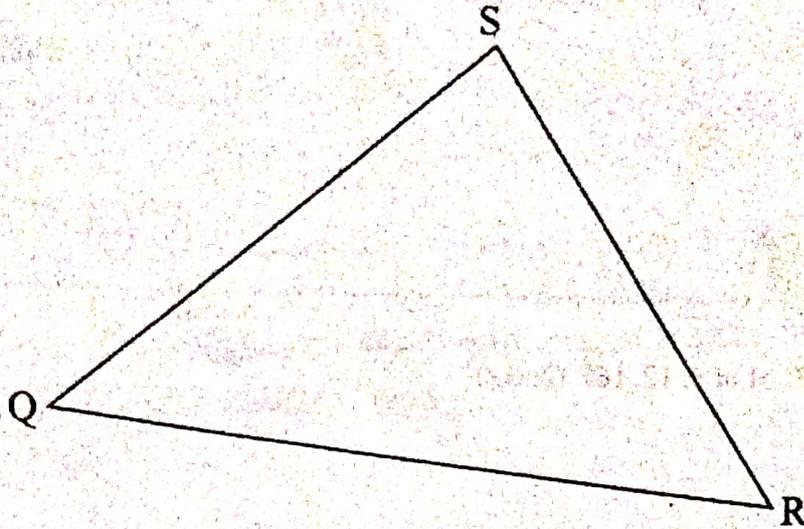

11. What is the square of 36? (1mk)

12. A train left Mombasa at 0900hrs. It took 5 hours 45 minutes to reach Nairobi. What time in am/pm did it reach Nairobi? (2mks)
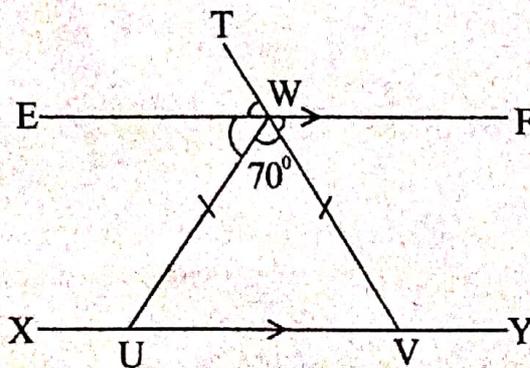
13. Express 100 as a product of its factors using factor tree. (2mks)

14. The diagram below shows a triangle QRS. Construct a perpendicular line from point S to meet line QR at point T.

What is the length of line TR? (3mks)

....

15. In the diagram below, line EF is parallel to line XY. Line UW is equal to line VW. Angle EWV is 70^0.

What is the size of angle EWU? (2mks)

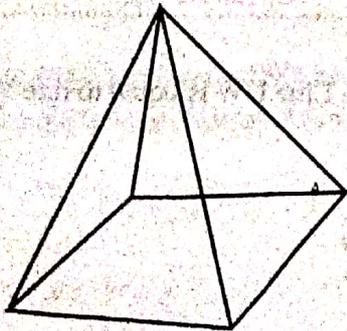..

16. Estimate the quotient of 5714 and 129 by rounding off the divisor and dividend to the nearest hundreds. (2mks)

17. In a wedding ceremony, there were 946 men, 2346 women and 8991 children. How many more children than adults attended the wedding? (2mks)

18. What is the L.C.M of 8, 12, 16? (2mks)

19. What is the product of faces, vertices and edges of the 3-D object drawn below? (2mks)

20. It is estimated that in the year 2030, the population of people in Nairobi will increase by 1379856. If the current population is 4672849, how many people are likely to be in Nairobi in the year 2030? (2mks)

21. Convert 2.975km to m. (1mks)

....

22. At the weigh brige a lorry weighed 5t 870kg. A canter weighed 1t 200kg. What was the total mass of both the lorry and the canter? (2mks)

....

23. Work out (2mks)

$$\frac{3}{4} + \frac{2}{5} - \frac{5}{8} =$$

....

24. Felix bought 30 eggs for sh. 450. He ate 4 eggs and sold the rest at sh.20. How much profit did he make? (2mks)