PIONEER MARK SERIES
JUNIOR SCHOOL - GRADE 7 - 2025
MATHEMATICS

GOLDEN 1

NAME:.....SCHOOL:.....

1. Write fifty five million nine hundred and fifteen thousand one hundred and one in symbols. $(1mk)$

_____

_____

2. Round off 3647891 to the nearest million. (1mk)

3. What is the total value of digit 4 in 84513? (1mk)

4. A school received 84972152 exercise books from a supplier. How many books did the school receive to the nearest tens of million. (1mk)

5. What is the sum of the prime numbers between 30 and 40? $(1mk)$

6. The government of Kenya imported 648973201 bags of fertilizer from Russia in a certain year. It distributed 296924308 bags of fertilizers to the farmers for the season. How many bags of fertilizer were not distributed. (1mk)

7. The sum of two even numbers gives an _____number. $(1mk)$

8. A company sold good worthy sh. 214638393 in the month of January and sh.214638393 in the month of February. What is the total sales in two months. $(1mk)$

9. Work out;
956130÷785. .(3mk)

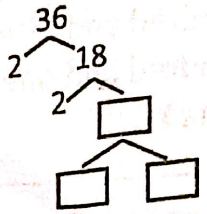
10. Evaluate. (2mks)
$1\frac{1}{23} \times 3\frac{4}{5}$

11. Test whether the following numbers are divisible by 6.
a) 18732 (1mk)

b) 28085 (1mk)

12. What is the least number that should be subtracted from 348567 to make it divisible by 10 (1mk)

13. Complete the following factors tree.



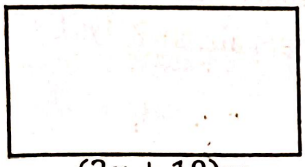
14. Express 56 as a product of it's prime factors. (2mks)

15. Three sticks of length 75cm, 27cm and 102cm are cut into smaller pieces of the same length. Find the greatest length which can be cut without leaving a reminder. (2mks)

16. Write the next number in the pattern below. (1mk)
61, 67, 71,73,79, _____

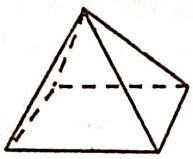
17. Work out the value of:
$\frac{144 \times 16}{256}$ (2mks)

18. The figure below represents a rectangular plot of land measuring (2x + 10)m by (2x)m. The perimeter of the plot is 100



Determine the value of x. $(3mks)$

19. How many faces and vertices does the model below have? $(2mks)$



Faces _____ Vertices _____

20. What is the square root of $\frac{\sqrt{289}}{\sqrt{64}}$ $(1mk)$

21. In a class of 60 learners, each leaner planted 10 tree seedlings. The teacher planted 25 tree seedlings. How many seedlings were planted altogether? $(2mks)$

22. The capacity of a water tank is 5000 litres. If a family used 200 litres of water everyday, how many litres of water remained in the tank after 5days. $(2mks)$

23. Work out; $(2mks)$

85 × 120 ÷ 40 + 35

24. List all the factors of each of the following numbers.

a) 20 $(1mk)$

b) 12 $(1mk)$

25. Compare $\frac{3}{7}$ to $\frac{8}{11}$ $(2mks)$

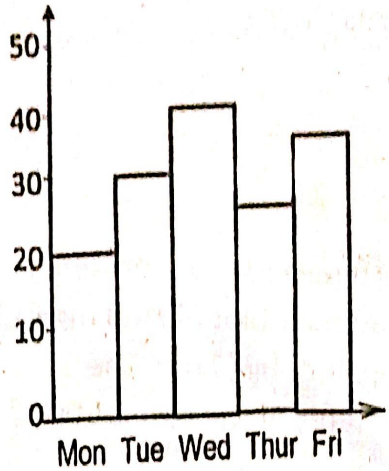
The table below shows the number of packets of maize produced by a farmer in 5days.

Day	Mon	Tue	Wed	Thur	Fri
No. of Packets	17	83	214	225	230

26. Which of the number of packets produced are odd numbers? $(1mk)$

27. Which number of packets are prime numbers? $(1mk)$

The bar graph below shows learners attendance of a class for one week.



28. On which day were most learners absent? $(1mk)$

29. How many learners were present on Wednesday than on Thursday? $(6mks)$

30. Calculate the total attendance across the week. $(2mks)$