

COMPETENCE BASED CURRICULUM

JUNIOR SCHOOL

FORMATIVE ASSESSMENT

TERM ONE 2024

GRADE 7

MARKING SCHEME

MATHEMATICS

1. A milling factory produced 851 47000 kg of maize flour in the year 2020.
- a. Fill in the number of kilograms produced in the two years in the place value chart below. (2mks)

Number	HOM	TOM	M	HOT	TOT	T	H	T	O
854147000	8	5	4	1	4	7	0	0	0

2. What is the **place value** of **digit 6** after working out the **sum** of **235,652** and **2,465,021**?
(1 marks)

Ans Hundreds

3. What is the total value of digit **7** after working out the **product** of **879** and **54**?
(1 marks)

Ans 7,000

4. What is **eighty eight million, six hundred and three thousand and eight less a thousand**? (1 marks)

Ans 88,602,000

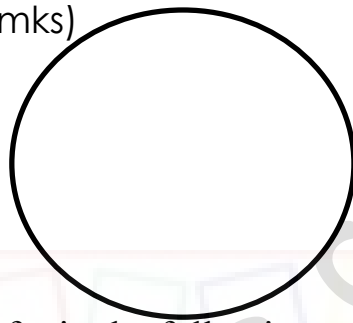
5. **Round off 587,890** to the nearest **hundreds of thousands**. (1 mark)

Ans 600,000

6. What is the distance round the circular swimming pool below of radius 7m? (2mks)

$$P = \pi d = 22/7 \times 14$$

Ans = 44m



7. Find the value of x in the following (2 Mks)

$$15x - 60 = 130 + 5x$$

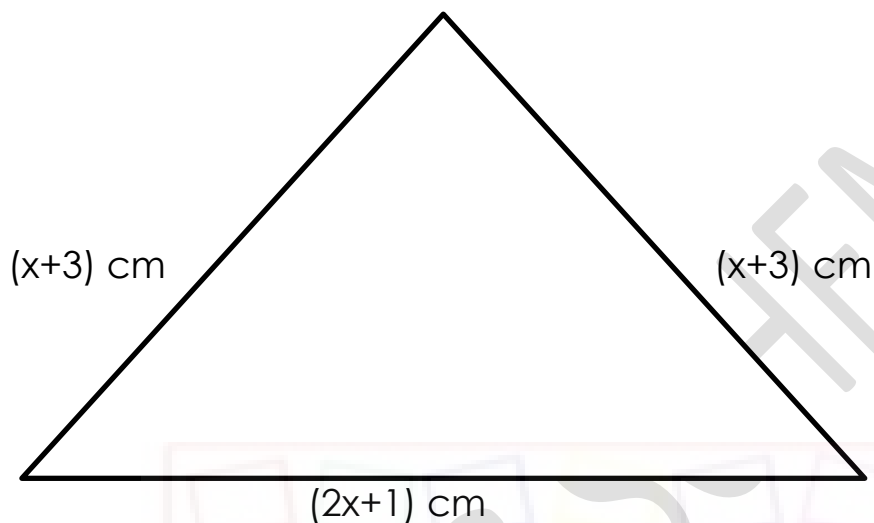
Ans X=19

8. If $r=5$, $s=2$, and $t=3$, find the value of; (3mks)

$$\frac{r^2 + s^2 - t}{t^3}$$

$$\begin{aligned} \frac{5^2 + 2^2 - 3}{3^3} &= \frac{25 + 4 - 3}{27} \\ &= \frac{26}{27} \end{aligned}$$

9. Calculate the perimeter of the triangle below.(2 mks)



Ans = $(4x+7)$ cm

10. Olive went to a supermarket to buy digital devices. She saw them displayed as follows:



- a. What was the price of a mobile phone? **Ans** 25,383(1mk)

b. Of the 5 items, which one was the biggest in size? PRINTER(1mk)

c. How much more was the printer than the laptop?(1 mk)

Ans 1,158,607

11. Arrange the following numbers in ascending order. (1mks)

521 628

826 921

326 214

741 353

651 186

423 627

326 214

423 627

521 628

651 186

741 353

826 921

12. What is the **sum** of **all prime numbers** between **10 and 30**?
(2 marks)

Ans 110

13. Work out the following.
(2 marks)

$$63 - 9 \times 12 \div 4 + 28$$

Ans 64

14. A certain man won a prize of Kenya shillings sixty million, forty-five thousand, two hundred and ninety. What is this prize written in symbols? (1mk)

Ans 60,045,290

15. What is the sum of total values of the digits in the hundreds and ten thousands position in the number 740,536.? (2mk)

Ans 40500

16. Work out: (2mk)

$$45 - 7 \times 6 \div 12$$

Ans 41.5

17. Ngoya worked out the difference of LCM of 12 and 24 and the G.C.D of 36 and 54. What answer did he get? (2mk)

Ans 6

18. The price of a car is sh.4,990,675. How much is the amount rounded off to the nearest thousands? (1mk)

Ans 499,000

19. What is the smallest number that can be subtracted from 40658 to make it divisible by 11? (1mk).

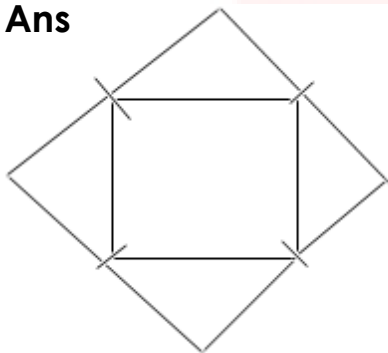
Ans

20. What is $\frac{2}{3}, \frac{5}{6}, \frac{3}{4}$ and $\frac{7}{12}$ arranged in increasing order? (1mk)

Ans $\frac{7}{12}, \frac{2}{3}, \frac{3}{4}, \frac{5}{6}$

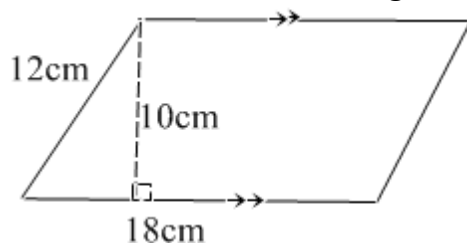
. The figure below represents the net of a solid. The net is folded to form the solid. How many edges, faces and vertices will the solid have? (3mks)

Ans



No of faces=5
No of vertices =5
No of edges=8

21. Find the area of the figure below. (2mk)



Ans 180CM²

22. A school bus left the school at 4.45 p.m to transport learners' home. What was the time in 24hrs clock system? (1mk)

Ans 1645HRS

23. Work out: (2mk)

	Tonnes	kilograms
	15	450
	-6	775
Ans	<u>8</u>	<u>675</u>

24. A dairy farmer sells 240 000 cm³ of milk every day. How many litres of milk does the farmer sell every day? (2mk)

Ans 240L

25. What is the value of x in the equation. (2mks)

$$5x+3(x-4)=36$$

Ans X=6

26. Work out. (2mk)

$$0.072 \div 0.6$$

Ans 0.12

27. The area of a rectangular plot is 576m². What is the length of a square with the same area? (2mk)

Ans 24m

28. Work out the following .(1mk)

a. $33\frac{7}{12} + 40\frac{2}{3}$

Ans $74\frac{1}{4}$

Download this and other FREE materials from <https://teacher.co.ke/notes>



MARKING SCHEME