COMPETENCE BASED CURRICULUM
JUNIOR SCHOOL
FORMATIVE ASSESSMENT
TERM ONE 2024
GRADE 7

CBC Competency Based Curriculum in Kenya

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Name.………………………………………………………………………………………………………

Centre …………………………………………………………………………......................................

Assessment No. …………………………………………………… Stream………………………

Learner's Sign……………………………………………..… Date: ……………..………………..

MATHEMATICS

Answer all the Questions in the spaces provided.

1. A certain country has a population of fifty million, fifty-five thousand, five hundred and five people. What is this population written in symbols? **(1mk)**

    50,055,505

2. What is the sum of total values of the digits in the hundreds and ten thousands position in the number 740536.? **(2mk)**

    40500

3. Work out: (2mk)

    45-7x6÷ 12

        41.5

4. 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)**
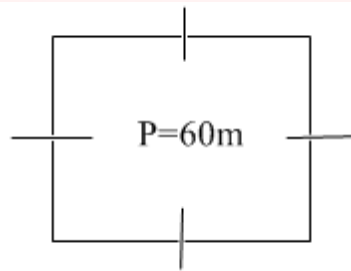
5. The price of a car is sh.4990675. How much is the amount rounded off to the nearest thousands? **(1mk)**

499000

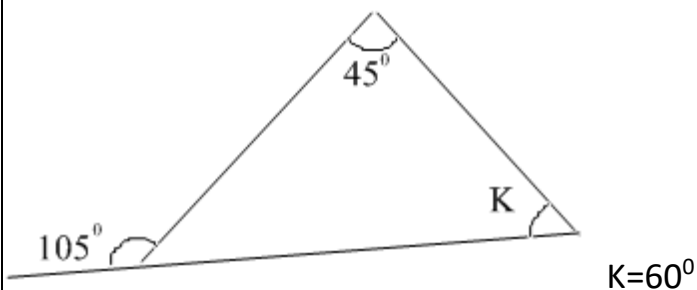6. What is the smallest number that can be subtracted from 40658 to make it divisible by 11? **(1mk)**.

7. What is $2/3$, $5/6$, $3/4$ and $7/12$ arranged in increasing order? **(2mk)**

8. The perimeter of the square flower garden shown below is 60 metres. Calculate the area of the flower garden. **(2mk)**

P=60m

225M^2

9. Calculate the size of angle marked K in the figure drawn below. **(2mk)**

45^0

K

105^0

K=60^0

10. What is the square root of $5\frac{1}{16}$? **(2mk)**

$2\frac{1}{4}$

11. Solomon bought a tray of eggs for sh.450. on his way home ten eggs broke and he sold the remaining at sh.18 each. How much loss did he incur? **(2mk)**
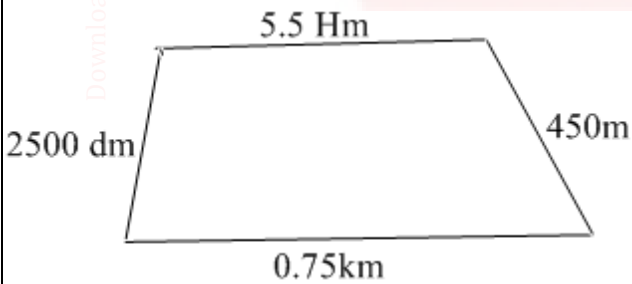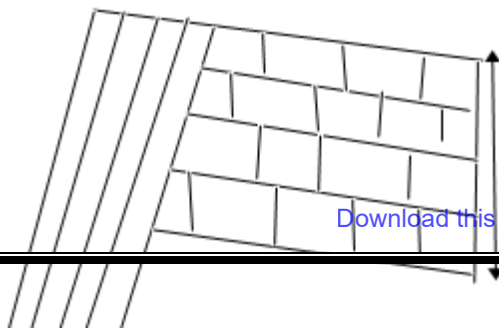
SH 90

12. Simplify; (2mk)
4(3n+m) + 2(3n-m)
18N+2M

13. Calculate the distance round the figure drawn in metres. (2mk)

14. A mason constructed a ramp to take materials to the top of a building 6m high as shown below. The distance between the foot of the ramp and the vertical wall is 8m, what is the length of the ramp. **(2mk)**
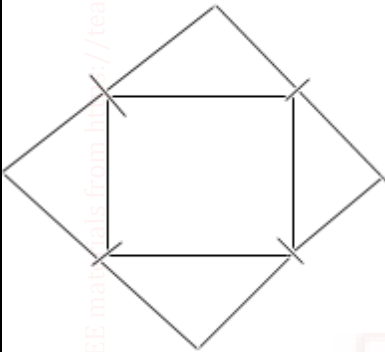**10M**

15. What is the number 29.34046 rounded off to the nearest thousandths? **(2mk)**
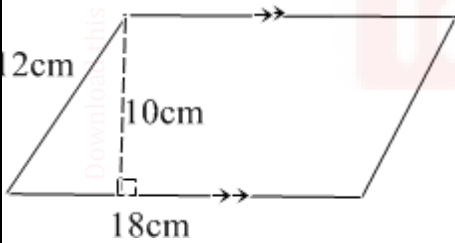
29.340

16. The figure below represents the net of a solid. The net is folded to form the solid. How many edges will the solid have? **(1mk)**
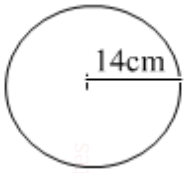
8

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

12cm

10cm

18cm   180CM^2

18. The table below shows the arrival and departure time for buses from a certain company serving Mombasa to Nakuru.

Station	Arrival time	Departure time
Mombasa	_____	9.00 a.
Mtito Andei	12.10 pm	12.50 pm
Machakos	3.00 pm	3.30 pm
Nairobi	4.10 pm	4.35 pm
Naivasha	6.05 pm	6.20 pm
Nakuru	7.35 pm	

0HRS 20 MINS

How long does the bus take to travel from Machakos to Naivasha? **(2mk)**

19. Find the area of the circle drawn (take $= \pi = 22/7$ **(2mk)**

14cm

616CM^2

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

1645HRS

21. Work out: **(2mk)**

Tonnes	kilograms
15	450
-6	775
22	225

22. A dairy farmer sells 240 000 cm$_3$ of milk every day. How many litres of milk does the farmer sell every day? **(2mk)**

240L

23. What is the value of **x** in the equation. **(2mk)**
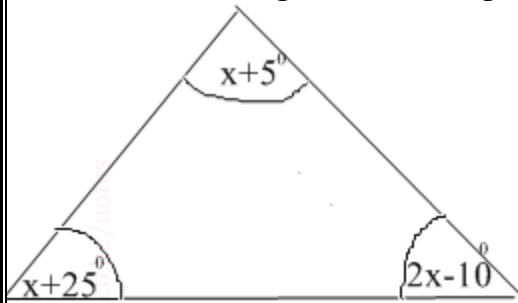
5x+3 (x-4)=36

x=6

24. Work out. (2mk)

0.072 ÷ 0.6

0.12

25. The area of a rectangular plot is 576m$_2$. What is the length of a square with the same area? **(2mk)**

24

26. The interior angles of a triangle are as shown below.

find the value of x. (2mk)

40

27. A cube has a volume of 3.6m³. What is the volume of the cube in cubic centimetres? **(1mk)**

3600000cm³

28. Convert 72000m² into hectares. **(2mk)**

2ha