

VINEYARD

AIMWA
009

TERM III- MATHEMATICS

STD 6

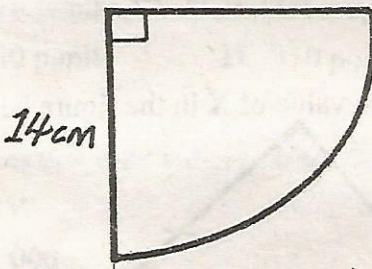
1. Write four hundred and sixty nine thousand six hundred and fourty nine in numerals?

A. 449 649 B. 469 496
C. 469 649 D. 469 946

2. Round off 63 587 to the nearest ten?

A. 63 600 B. 63 590
C. 63 588 D. 63580

3. Calculate the perimeter of the figure below?



A. 88cm B. 33cm
C. 50cm D. 72cm

4. What is the place value of digit 8 in the number 46.384?

A. Hundredths B. Tenth
C. Hundreds D. Thousadth

5. Solve the equation:- $5a - 5 = 35$

A. 5 B. 8
C. 40 D. 10

6. Tarmar bought 5 trays of eggs. 12 eggs got broken on her way to the market. She sold the rest at sh. 7 each. How much did she get from the sale of eggs?

A. sh. 1050 B. sh. 420
C. sh. 966 D. sh. 84

7. The speed of a matatu is 144km/h. What is the speed in m/s?

A. 4 m/s B. 400m/s
C. 44 m/s D. 40 m/s

8. How many $\frac{1}{4}$ kg are there in $18\frac{1}{2}$ kg?

A. 37 B. 64
C. 74 D. 66

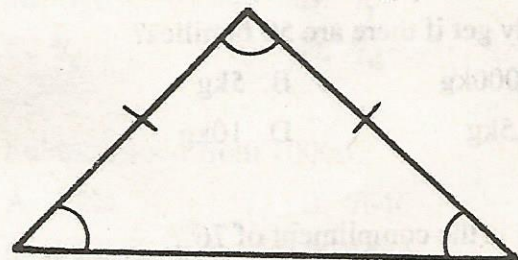
9. Which of these numbers is divisible by 2, 5 and 10?

A. 3305 B. 62030
C. 92567 D. 7312

10. What is the G.C.D of 30, 36 and 48?

A. 6 B. 12
C. 8 D. 720

11. What do we call the type of triangle shown below?



A. Equilateral triangle
B. Isosceles triangle
C. Right angled triangle
D. Scalene triangle

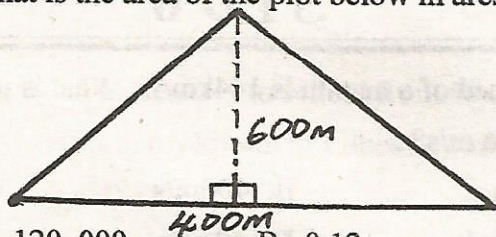
12. Zawadi bought a dress at sh. 900 and sold it for sh.720. What was her percentage loss?

A. 80% B. 25%
C. 20% D. $33\frac{1}{2}\%$

13. What is 0.8×0.24 ?

- A. 1.04 B. 19.2
C. 0.182 D. 0.192

14. What is the area of the plot below in ares?



- A. 120,000 B. 0.12
C. 1200 D. 120

15. If 40% of a number is 240. What is 60% of the same number?

- A. 280 B. 320
C. 360 D. 300

16. Simplify; $\frac{1}{3}(15c + 12d) + 2(c - d)$

- A. $7c + 6d$
B. $3c + 2d$
C. $7c + 2d$
D. $9c + 2d$

17. A quarter tonne of maize was donated to an IDP camp. How many kilograms of maize did each family get if there are 50 families?

- A. 1000kg B. 5kg
C. 2.5kg D. 10kg

18. What is the complement of 76° ?

- A. 14° B. 24°
C. 104° D. 114°

19. What is the next number in the pattern below?

64, 49, 36, 25, _____

- A. 21 B. 16
C. 9 D. 15

20. Work out:- $6 - 2\frac{3}{4} =$

- A. $3\frac{1}{4}$ B. $4\frac{3}{4}$

C. $2\frac{1}{4}$

D. $3\frac{2}{3}$

21. Express 0.2 as a percentage?

- A. 0.2% B. 2%
C. 20% D. 200%

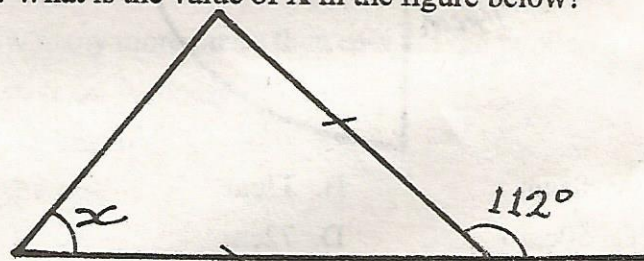
22. A family uses $\frac{1}{4}$ kg of sugar daily. If 1kg of sugar is sh. 120. How much money did they spend in June?

- A. sh. 3720
B. sh. 3,600
C. sh. 930
D. sh. 900

23. Change $8\frac{1}{3}$ into improper fraction?

- A. $\frac{12}{3}$ B. $\frac{3}{12}$
C. $\frac{3}{25}$ D. $\frac{25}{3}$

24. What is the value of X in the figure below?



- A. 68° B. 56°
C. 34° D. 112°

25. Kirinyanga county has a population of 839 646 people. The number of men is 321 306 and that of women is 296 007. How many children are there in the county?

- A. 222,333
B. 333,222
C. 323,233
D. 617,313

26. Work out:-

$$\sqrt[5]{418\text{m } 95\text{cm}}$$

- A. 8376 B. 8379
C. 83m 79cm D. 837m 9cm

27. Work out:- $7^2 + 4^2 - 18 =$

- A. 24 B. 47
C. 3 D. 83

28. What is the L.C.M of 12, 15 and 18?

- A. 180 B. 120
C. 3 D. 60

29. A road of length 12km is represented by 3cm in a map. How many cm will represent 48km?

- A. 9cm B. 12cm
C. 144cm D. 36cm

30. There are 27 pupils per class in standard 1, 2 and 3. Classes 4, 5, 6, 7 and 8 have 35 pupils per class. How many pupils are there in the school if class 1 and 2 are double streams?

- A. 410 pupils B. 256 pupils
C. 320 pupils D. 310 pupils

31. What is the total value of digit 9 in the figure 96 783?

- A. 9, 000
B. Tens of thousands
C. 90, 000
D. 900

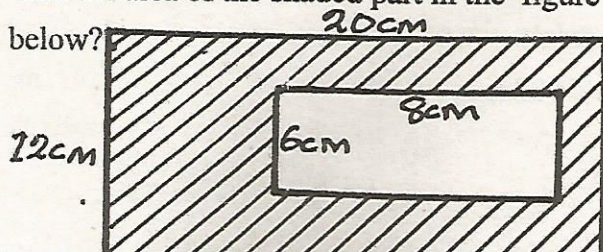
32. Divide:- $4\frac{3}{8} \div \frac{7}{12} =$

- A. 15.2 B. 6.86
C. 0.133 D. 7.5

33. A square has an area of $225m^2$. What is the perimeter of the square?

- A. 15m B. 450m
C. 60m D. 900m

34. Find the area of the shaded part in the figure below?



- A. $192cm^2$ B. $240cm^2$
C. $48cm^2$ D. $72cm^2$

35. Work out:- $823.14 + 0.6 + 3.427 =$

- A. 820.313
B. 857.37
C. 837.167
D. 82.7167

36. Ombati bought a car at sh. 750,000 and sold it at sh. 945,000. What was his profit?

- A. sh. 185, 000
B. sh. 195, 000
C. sh. 1, 695, 000
D. sh. 175, 000

37. Three bells are ringing at the intervals of 24mins, 30mins and 36mins respectively. When will they ring together if they last rung together at 12.00 noon?

- A. 6.00 a.m B. 2.30 p.m
C. 6.00 p.m D. 4.00 p.m

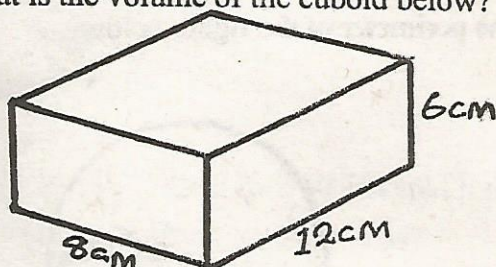
38. What is the reciprocal of $3\frac{1}{5}$?

- A. $\frac{16}{5}$ B. $\frac{5}{9}$
C. $\frac{3}{6}$ D. $\frac{5}{16}$

39. Subtract 3646 from 10000?

- A. 7354 B. 7646
C. 13, 646 D. 6354

40. What is the volume of the cuboid below?



- A. $566cm^3$ B. $576cm^3$
C. $476cm^3$ D. $676cm^3$

41. How many days are there in the months of

October, November and December?

- A. 92 days
- B. 91 days
- C. 90 days
- D. 93 days

42. Jacob walks 2 kilometres to school from Monday to Friday. How many kilometres does he walk in 2 weeks?

- A. 20km
- B. 40km
- C. 10km
- D. 28km

43. Add:-

Weeks	Days
3	4
+ 6	3

- A. 9 weeks 7 days
- B. 10 weeks
- C. 9 weeks 0 days
- D. 10 weeks 7 days

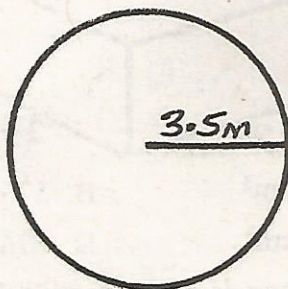
44. Each of five hundred and sixty seven participants paid sh. 74 as entry fee. How much did they pay altogether?

- A. 41958
- B. 40958
- C. 42958
- D. 31958

45. What is the value of $3.68 \div 2.3$?

- A. 16
- B. 0.16
- C. 160
- D. 1.6

46. Find the perimeter of the figure below?



- A. 22m
- B. 38.5m²
- C. 38.5
- D. 22m²

Use the table below to answer questions 47 to 49.

Days	Cars	Matatu	Buses
Monday	###	### ###	
Tuesday	###	### ### ###	###
Wednesday	### ###	### ###	### ### ###
Thursday	###	### ###	### ###

47. How many vehicles did the pupils observe on Tuesday?

- A. 25
- B. 23
- C. 28
- D. 22

48. How many more buses than cars did the pupils observe on Wednesday?

- A. 18 buses
- B. 7 buses
- C. 10 buses
- D. 8 buses

49. How many matatus did the pupils observe from Monday to Thursday?

- A. 51 matatus
- B. 44 matatus
- C. 42 matatus
- D. 36 matatus

50. Convert $4\frac{1}{2}$ m into centimetres?

- A. 45mm
- B. 4500mm
- C. 450m
- D. 45000mm