

GATUNDU DISTRICT

MID TERM 3 - 2014

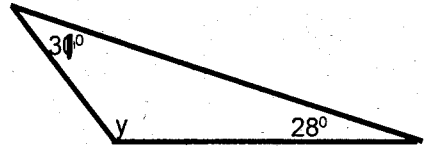
STD 5 - MATHEMATICS

TIME: 1HR 40 MIN

1. Which of the following number is three hundred and one thousand and thirty nine?
 A. 3001039
 B. 301039
 C. 301390
 D. 3159
2. What is the total value of digit 3 in the number 743854?
 A. Thousands
 B. hundreds
 C. 3000
 D. 300
3. What is the place value of 9 in the number 49604?
 A. hundreds
 B. tens of thousands
 C. tens
 D. thousands
4. Round off the following number to the nearest ten 3697
 A. 3700
 B. 3690
 C. 3600
 D. 3680
5. What is the next number in the series 3, 9, 15, 21, 27, ____
 A. 24
 B. 29
 C. 30
 D. 33
6. A farmer harvested eight hundred and nine bags of wheat in 2007 and one thousand and three bags in 2008. How many more bags did he harvest in 2008 than in 2007?
 A. 204
 B. 194
 C. 184
 D. 294
7. The area of a rectangular plot is 48cm. If one of the side is 4cm find the measurement of the other side.
 A. 24cm
 B. 8cm
 C. 84cm
 D. 12cm
8. Find the length of one side of a square whose perimeter is 32cm
 A. 61cm
 B. 16cm
 C. 8cm
 D. 4cm
9. Work out $2\frac{1}{3} \times 9$
 A. 21
 B. 18
 C. 63
 D. $\frac{7}{3}$
10. What is the value of $21.8 + 0.04 + 123.124$
 A. 144.964
 B. 154.964
 C. 14.494
 D. 243.964
11. In Kiambu county, there are 416250 children, 308465 women and 220709 men. How many people are there in the county?
 A. 8544240
 B. 945424
 C. 954424
 D. 7552440
12. What is the sum of all prime number between 0 and 20?
 A. 76
 B. 77
 C. 75
 D. 78
13. Work out $5\frac{1}{3} - 1\frac{1}{2}$
 A. $\frac{5}{6}$
 B. $4\frac{5}{6}$
 C. 3
 D. $3\frac{5}{6}$
14. Arrange the following fractions from the largest to the smallest
 $\frac{3}{4}, \frac{1}{5}, \frac{2}{3}, \frac{1}{2}$
 A. $\frac{1}{2}, \frac{1}{5}, \frac{2}{3}, \frac{3}{4}$
 B. $\frac{1}{5}, \frac{2}{3}, \frac{3}{4}, \frac{1}{2}$
 C. $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{1}{5}$
 D. $\frac{1}{5}, \frac{2}{3}, \frac{3}{4}, \frac{1}{2}$
15. Write 47 in Roman numerals
 A. XLVII
 B. XXXXVII
 C. LXVII
 D. XIIV
16. Find the GCD of the following numbers 14, 20 and 36
 A. 7
 B. 10
 C. 18
 D. 2

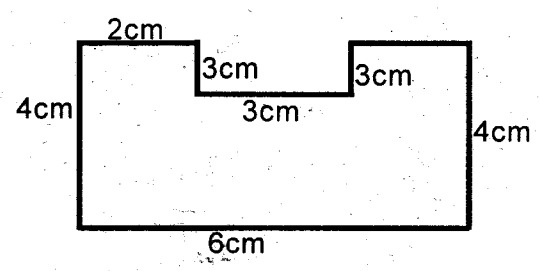
17. Mary bought $2\frac{1}{4}$ kg of rice $\frac{3}{4}$ kg of cooking fat, $\frac{1}{4}$ kg of tea leaves and 250gm of salt. How many kilograms did she carry home?
 A. $3\frac{1}{2}$ kg ,B. $3\frac{1}{4}$ kg
 C. $2\frac{1}{2}$ kg D. $3\frac{3}{4}$ kg
18. Find the real measurement of a field in the scale 1cm represents 10m and the drawing length is 7cm.
 A. 70m B. 0.7m
 C. 70cm D. 7m
19. A sport meeting started at 2.00pm and ended at 6.30pm. How long did the meeting take?
 A. 8hr 30min B. 4hr 30min
 C. 6hrs 28min D. 6hr 32min
20. Simplify the expression
 $14a + 5b + 3a + 10b$
 A. $17a - 15b$ B. $32ab + 17a - 15b$
 C. $24ab + 8ab$ D. $17a + 15d$

21. What is the value of the angle marked y in the triangle?



- A. 121° B. 101°
 C. 131° D. 111°

22. What is the perimeter of the figure below?



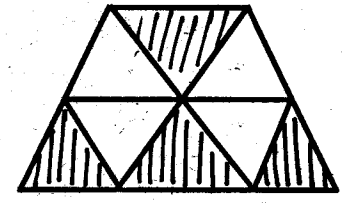
- A. 26cm B. 64cm
 C. 72cm D. 37cm

23. What is the value of _____

$$\begin{array}{r} 0.854 \\ \times 1.6 \\ \hline \end{array}$$

- A. 0.13664
 B. 136.64
 C. 1.3664
 D. 13.664

24. What fraction is shaded in the figure below?



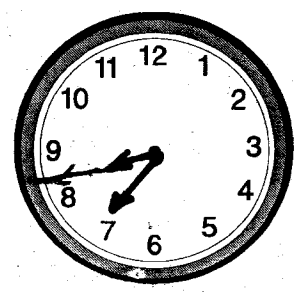
- A. $\frac{4}{8}$ B. $\frac{4}{9}$
 C. $\frac{2}{3}$ D. $\frac{4}{4}$

25. Weeks Days

$$\begin{array}{r} 22 \quad 3 \\ - 19 \quad 7 \\ \hline \end{array}$$

- A. 2 weeks 6 days
 B. 3 weeks 3 days
 C. 3 weeks 6 days
 D. 2 weeks 3 days

26. What is the time shown by the clock below?



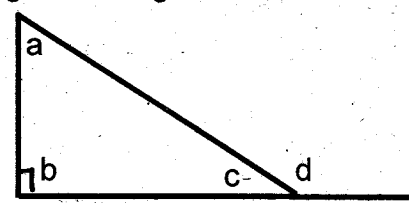
- A. Twenty five minutes past nine
 B. twenty five minutes to nine
 C. thirty five minutes to nine
 D. thirty five minutes past nine

27. Work out

$$\begin{array}{r} \text{Sh} \quad \text{Cts} \\ 810 \quad 45 \\ - 193 \quad 75 \\ \hline \end{array}$$

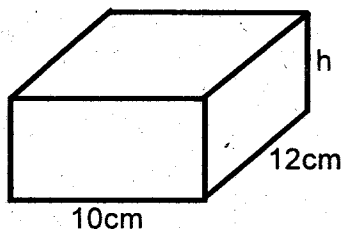
- A. sh 615 45cts
 B. sh 616 75cts
 C. sh 617 70cts
 D. sh 616 70cts

28. Which of the following angle is an obtuse angle in the figure below?



- A. d B. c
C. a D. b

29. Calculate the height of the cuboid below if its volume is 720cm^3 ?



- A. 120cm B. 600cm
C. 6cm D. 20cm
30. A school bought the following items:
180 dozens of exercise books at sh 300
50 geometrical sets at sh 180
3 footballs at sh 850
15 reams of paper for sh 4500
How much money did the school pay altogether?

- A. sh 7005 B. sh 7500
C. sh 70050 D. sh 50070

31. Which group of numbers below are ~~required~~ *multiples* by 4?

- A. 8, 12, 16, 20
B. 24, 28, 42, 54
C. 8, 12, 25, 32
D. ~~12, 18, 40~~

32. Kamau's mass is 32kg. His brother Chege is 4kg heavier. What is the sum of their mass?

- A. 36kg B. 60kg
C. 68kg D. 72kg

33. A cock uses $2\frac{1}{4}$ litres of milk daily. How many litres does he use in 5 days?

- A. 12L
B. ~~11~~ $1\frac{1}{4}$ L
C. 11L
D. $11\frac{1}{2}$ L

34. A girl took 20 seconds to cross a road. How many seconds will four girls take to cross the same road?

- A. 5 seconds
B. 20 seconds
C. 80 seconds

D. 24 seconds

35. Find the L.C.M of the even numbers between 17 and 23

- A. 1980 B. 180
C. 495 D. 396

36. Work out

hrs	min	sec
2	35	20
+ 3	25	40

hrs	min	sec
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- A. 5 60 60
B. 6 60 60
C. 6 01 00
D. 6 11 00

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

- A. 7215 B. 3462
C. 4001 D. 4650

38. 84m of wire is required to fence a rectangular plot. The plot is 18m wide. What is its length?

- A. 45m
B. 66m
C. 24m
D. 102m

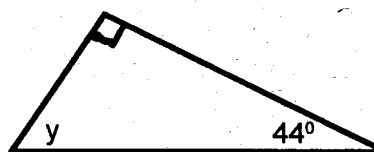
39. Add $721430 + 3150 + 42$

- A. 145643
B. 724522
C. 724622
D. 724562

40. A family uses 200 ~~litres~~ *litres* of water everyday. How much water did they use in February 2012?

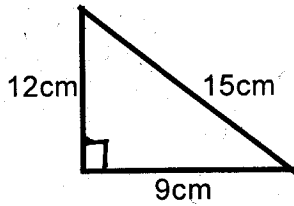
- A. 5800L B. 2212L
C. 5600L D. 6000L

41. What is the size of angle y?



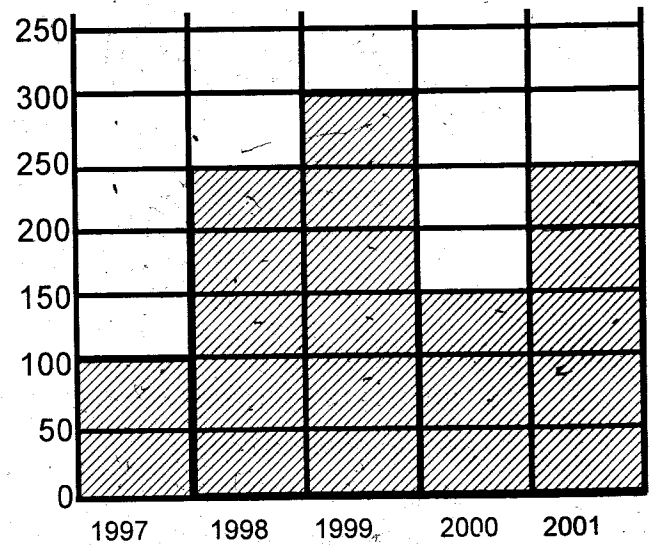
- A. 136° B. 56°
C. 36° D. 46°

42. Find the area of the triangle below



- A. 180cm^2 B. 54cm^2
 C. 36cm^2 D. 72cm^2
43. How many quarter kilograms are there in $8\frac{1}{2}\text{kg}$?
 A. 16 B. 34
 C. 12 D. 4
44. What is the approximate mass of a newly born baby?
 A. 3gm
 B. 30kg
 C. 300kg
 D. 3kg
45. What is the value of K in the equation $K + 18 = 63$?
 A. 35
 B. 55
 C. 81
 D. 45
46. The following properties apply to a certain triangle
 (i) Two sides are equal
 (ii) Two angles are equal
 (iii) One angle is 90°
 The properties above apply to ___ triangle
 A. equilateral
 B. isosceles
 C. right angled triangle
 D. rectangle

The graph below show the number of bags harvested in 5 years. Use it to answer questions 47 -50



47. How many bags were harvested in the first three years?
 A. 650
 B. 350
 C. 550
 D. 450
48. How many more bags were harvested in 1999 than 2000?
 A. 150 B. 250
 C. 200 D. 300
49. How many bags were harvested in the five years?
 A. 1150
 B. 1050
 C. 950
 D. 850
50. Which year had the least number of bags harvested?
 A. 1998 B. 1999
 C. 1997 D. 2000