

# STANDARD 6 END TERM 1 EXAM 2019

## MATHEMATICS

Time: 1hr 40min

1. Which of the following numbers is seven hundred and eleven thousand seven hundred and seven in figures?  
 A. 711707                      B. 701707  
 C. 711770                      D. 711077
2. What is 89746 rounded off to the nearest hundreds?  
 A. 89700                      B. 89800  
 C. 90000                      D. 89750
3. What is the place value of 2 in the number 62951?  
 A. Tens                      B. Tens of thousands  
 C. Thousands                      D. Hundreds
4. What is the total value of digit 9 in 1904?  
 A. Nine hundred                      B. 90  
 C. 9000                      D. 9
5. How many rectangles are there in the figure below.



- A. 5                      B. 4  
 C. 9                      D. 10

What is the sum of LCM of 12, 18, and 36 and the GCD of 2, 4 and 8?

- A. 36                      B. 2  
 C. 40                      D. 38

Which of the following numbers is divisible by 6?

- A. 128                      B. 667  
 C. 70308                      D. 703

8. A meeting was attended by 61 men, 102 women and 213 children How many people attended the meeting?

- A. 163                      B. 315  
 C. 274                      D. 376

9. Work out;-  $419204 + 1009 + 3496$

- A. 422800                      B. 423709  
 C. 416720                      D. 869704

10. What is the next number in the pattern

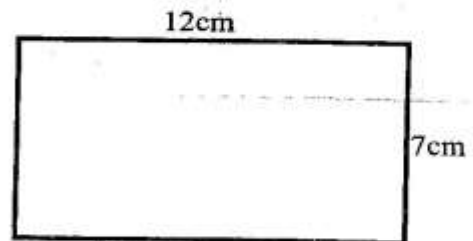
18, 27, 36, 45, 54, \_\_\_\_\_

- A. 51                      B. 60  
 C. 61                      D. 63

11. How many  $\frac{1}{2}$  litre bottle scan fill a 24 litre container?

- A. 48                      B. 12  
 C. 14                      D. 26

12. The figure below shows a rectangle



What is the perimeter of the rectangle?

- A.  $84\text{cm}^2$                       B.  $38\text{cm}^2$   
 C. 38cm                      D. 84cm

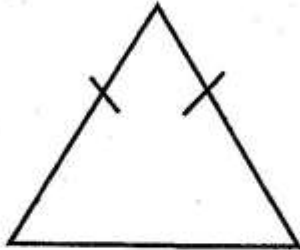
13. A school has 510 pupils. If each pupils planted seven tree seedlings, how many tree seedlings were plants altogether?

- A. 357                      B. 3570  
 C. 517                      D. 570

14. Work out:  $8 \overline{)4864}$

- A. 68                      B. 6008  
C. 86                      D. 608

15. What is the name of the triangle drawn below?



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

16. How many hours are there in 540min?

- A. 180 hrs                      B. 9hrs  
C. 54hrs                      D. 3hrs

17. John bought the following items from a shop.

- 2kg salt at sh. 30
- 2kg sugar @ sh. 60
- 2kg rice @ sh. 60
- 1 loaf of bread @ sh. 45

How much did he pay for the items

- A. Sh. 195                      B. Sh. 345  
C. Sh. 285                      D. Sh.300

18. What is  $\frac{99}{100}$  expressed as a decimal

- A. 0.99                      B. 9.9  
C. 0.099                      D. 0.0099

19. Work out:-

$$2\frac{1}{4} - 1\frac{1}{4}$$

- A.  $3\frac{1}{2}$                       B.  $1\frac{1}{4}$   
C. 1                      D.  $\frac{1}{4}$

20. What is 47 written in roman numbers?

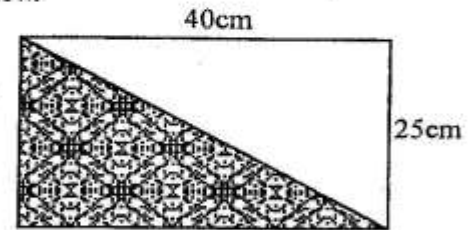
- A. XXXXVII                      B. IIII  
C. XLVII                      D. LII

21. Work out

$$\begin{array}{r} \text{Kg g} \\ 101 \ 95 \\ \times \quad 5 \\ \hline \end{array}$$

- A. 505 kg 475g                      B. 101kg 475g  
C. 505kg 75g                      D. 5050kg 405g

22. What is the area of the shaded part in the figure below.

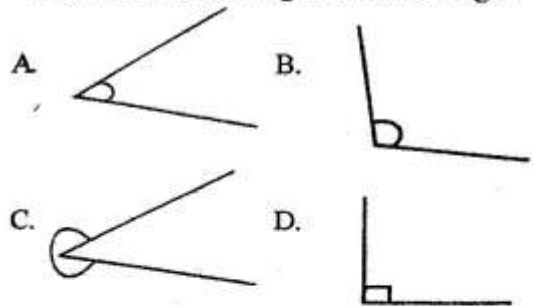


- A.  $100\text{cm}^3$                       B.  $750\text{cm}^2$   
C.  $500\text{cm}^2$                       D.  $130\text{cm}^2$

23. A baby slept at 8.00pm. If the baby woke up at 6.00 am, for how many hours did the baby sleep?

- A. 10hrs                      B. 8hrs  
C. 6hrs                      D. 2hrs

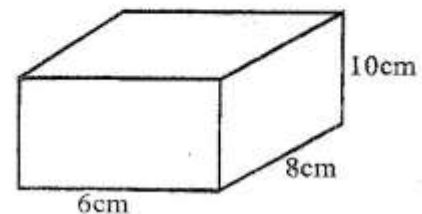
24. Which of the following is an obtuse angle?



25. What is the value of  $2\frac{1}{2}$  multiplied by 10

- A. 5                      B. 15  
C. 20                      D. 25

26. What is the volume of the cuboid drawn below?



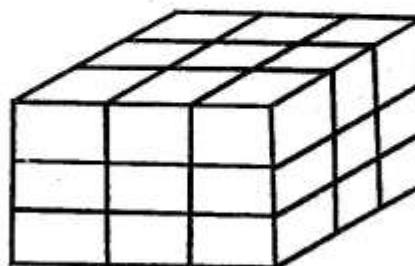
- A.  $48\text{cm}^3$                       B.  $480\text{cm}^3$   
C.  $4800\text{cm}^3$                       D.  $48000\text{cm}^3$

27. Work out  $316.14 + 0.311 + 0.004$   
 A. 316.456                      B. 319.254  
 C. 316.455                      D. 316.851
28. What is the value of  
 $14x + 6y - 2x - 3y$   
 A.  $12x + 9y$                       b.  $12x - 3y$   
 C.  $12x + 3y$                       D.  $12x - 9y$
29. Jane earns sh. 300 everyday. How much did she earn in the month of August?  
 A. Sh. 90                              B. Sh. 9300  
 C. Sh. 8400                          D. Sh. 8700
30. What is the value of:-  

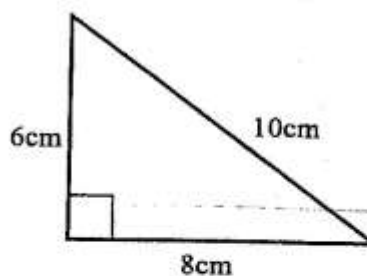
Km	mm	cm
95	95	95
+5	915	15
km	m	cm

  
 A. 100 1010 110  
 B. 101 101 101  
 C. 101 101 10  
 D. 101 011 10
31. What is  $2\frac{1}{4}$  written as a improper fraction?  
 A.  $\frac{9}{4}$                                   B.  $\frac{4}{9}$   
 C.  $2\frac{1}{1}$                                   D.  $\frac{9}{2}$
32. What is  $\frac{1}{5}, \frac{1}{3}, \frac{1}{2}, \frac{1}{4}$  arranged from the smallest to the largest.  
 A.  $\frac{1}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}$                       B.  $\frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$   
 C.  $\frac{1}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}$                       D.  $\frac{1}{5}, \frac{1}{4}, \frac{1}{2}, \frac{1}{3}$
33. How many days were there in the months of January, February and March in the year 2012?  
 A. 89                                      B. 90  
 C. 91                                      D. 92
34. John is 5kg heavier than Jane. If Jane is 45kg, What is the total weight of Jane and John?  
 A. 50kg                                      B. 95kg  
 C. 40kg                                      D. 60kg

35. Kariuki walks from home to school, a distance of 3km daily. How many kilometres does he cover in one week if he goes to school and back home?  
 A. 15km                                  b. 21km  
 C. 30km                                  D. 42km
36. How many cubes have been used to make the stack below?



- A. 26                                      B. 39  
 C. 27                                      D. 36
37. Mary bought 6 pencils at sh. t. How much did she pay for the pencils?  
 A. Sh.  $6 + t$                           B. Sh.  $6t$   
 C. Sh 6                                  D. Sh t
38. What is the area of the triangle shown below?



- A.  $80\text{cm}^2$                                   B.  $48\text{cm}^2$   
 C.  $24\text{cm}^2$                                   D.  $480\text{cm}^2$
39. What is the product of the total value of digit 6 and digit 3 in the number 136?  
 A. 30                                      B. 9  
 C. 36                                      D. 180
40. What is one quarter of 24?  
 A. 4    B. 6  
 C. 96    D. 12

41. Which one of the following numbers is divisible by 8?

- A. 42230                      B. 42150  
C. 42840                      D. 42226

42. Change  $6\frac{4}{6}$  into a mixed fraction.

- A.  $10\frac{3}{6}$                       B.  $14/6$   
C.  $1\frac{2}{3}$                       D.  $10\frac{2}{3}$

43. What is the square root of 625?

- A. 25                      B. 5  
C. 50                      D. 15

44. Find the missing number indicated m and y in the magic square shown below.

9	m	10
N	7	
		5

- M      N  
A. 8    12  
B. 2    8  
C. 12   6  
D. 2    4

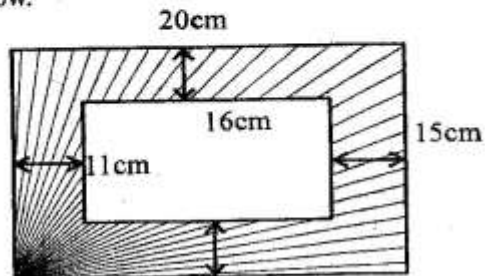
45. Ian's mother shared 35 bananas equally among her six children. How many bananas remained?

- A. 3                      B. 2  
C. 4                      D. 5

46. What is the value of  $322.4 + 1.675 + 81.43$

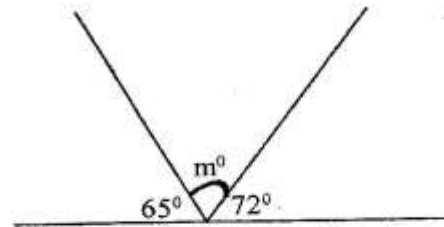
- A. 40.5505                      B. 405.505  
C. 4055.05                      D. 4.05055

47. What is the area of the shaded part in the figure below.



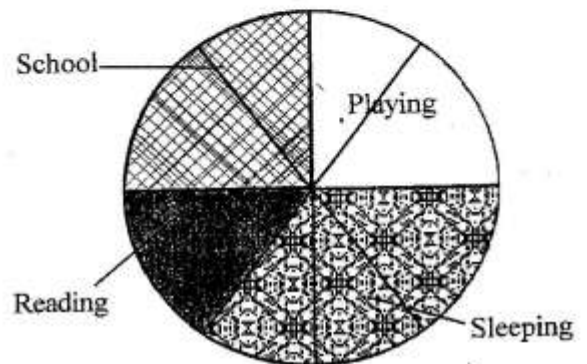
- A.  $126\text{cm}^2$                       B.  $136\text{cm}^2$   
C.  $124\text{cm}^2$                       D.  $280\text{cm}^2$

48. What is the size of angle M in the figure below?



- A.  $137^\circ$                       B.  $43^\circ$   
C.  $108^\circ$                       D.  $223^\circ$

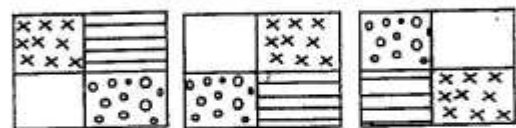
49. The pie chart below shows how Danny spends his time.



What is the fraction of his time does he use in school?

- A.  $\frac{2}{8}$                       B.  $\frac{3}{8}$   
C.  $\frac{1}{4}$                       D.  $\frac{2}{4}$

50. What is the shape of the pattern below?



- A.      B.

- C.      D.