

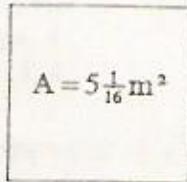


- Write seventy million seven hundred and seven thousand and seventy in symbols.  
A. 70707070  
B. 7070707  
C. 70770070  
D. 70707007
- What is the total value of digit three in 57348912?  
A. 30000  
B. Three thousand  
C. 3000000  
D. 300000
- What is the sum of 16570 and 3102 to the nearest thousands?  
A. 19672  
B. 20000  
C. 19000  
D. 19700
- What is the place value of digit 8 in 19.7836?  
A. Hundredths  
B. Tens  
C. Hundreds  
D. Thousandths
- A square flower garden has an area of  $1296\text{m}^2$ . What is the length of one side of the square garden?  
A. 36 m  
B. 63 m  
C. 314 m  
D. 144 m
- What is the place value of digit 2 in 132816?  
A. Thousandths  
B. Hundred  
C. Hundredths  
D. Thousands
- Which of the following numbers is divisible by 8?  
A. 88176  
B. 17382  
C. 65456  
D. 84234
- What is the square root of  $5\frac{2}{9}$ ?  
A.  $2\frac{1}{3}$       B.  $29\frac{52}{81}$   
C.  $\frac{49}{9}$       D.  $209\frac{52}{181}$
- Which one shows the area of a square room measuring 8m by 8m?  
A.  $62\text{m}^2$   
B.  $32\text{m}^2$   
C.  $64\text{m}^2$   
D.  $16\text{m}^2$
- Work out  $10.32 - 9.79 + 0.175$  and round off your answer to the nearest tenths.  
A. 0.705  
B. 0.7  
C. 0.71  
D. 0.8
- What is the reciprocal of  $5\frac{2}{3}$ ?  
A.  $\frac{17}{3}$       B.  $\frac{10}{3}$   
C.  $\frac{3}{17}$       D.  $\frac{3}{10}$
- A total of eight hundred and sixty five pupils participated in a harambee to raise money for physically challenged pupils. If each pupil contributed three hundred and fifty shillings, how much money in total was raised?  
A. 1215  
B. 300650  
C. 292750  
D. 302750

13. Mwaniki got 35% in a test. What was his mark in fraction, in the simplest form?

- A.  $\frac{35}{100}$
- B.  $\frac{7}{20}$
- C.  $\frac{5}{20}$
- D. 0.35

14. The area of the square drawn is  $5\frac{1}{16}m^2$ . What is the measure of one of its sides?



- A.  $\frac{9}{16}m$
- B.  $3\frac{1}{4}m$
- C.  $2\frac{1}{4}m$
- D. 9m

15. Convert 0.84 to fraction in its simplest form.

- A.  $\frac{21}{25}$
- B.  $\frac{42}{50}$
- C.  $\frac{84}{1000}$
- D.  $\frac{84}{100}$

16. The population of a certain town in a country is four million three hundred and fifty thousand. The population of the second town is two million seven hundred and seventy six. What is the population of the two towns in total?

- A. 7126000
- B. 6350776
- C. 7050076
- D. 6050076

17. Work out:  $60 \div 1\frac{2}{3}$

- A. 100
- B. 24
- C. 150
- D. 36

18. Find the quotient of 2.25 and 0.25

- A. 0.9
- B. 9
- C. 11
- D. 0.09

19. Divide 24 by  $\frac{1}{6}$

- A. 4
- B. 1000
- C. 10000
- D. 144

20. A motorist left town A at 11.15 pm. It took 3hrs and 55 minutes to reach town B. At what time in 24 hour clock system did he reach town B?

- A. 1510 hr
- B. 0310 hr
- C. 1500 hr
- D. 1410 hr

21. Work out:

1	dl	ml
65	8	17
×		7

- A. 455l 56dl 119ml
- B. 450l 60dl 19ml
- C. 460l 7dl 119ml
- D. 461l 17dl 19ml

22. A car left Nyeri town at 8 am for another town a distance of 360 km away. What was the speed in km/hr if it arrived at that town at 11 am?

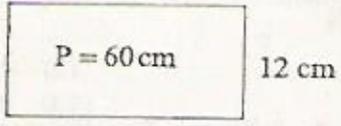
- A. 11 km/hr
- B. 90 km/hr
- C. 150 km/hr
- D. 120 km/hr

23. Mama Eva went shopping and bought the following items 2 blouses @ sh 240, 1 dress for sh 770, 3 jackets @ 450.50, 5 blankets for sh 2000. What was her total bill?

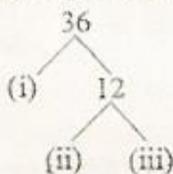
- A. 4601.50
- B. 2100.50
- C. 57000.50
- D. 3600.50

24. A flower measures  $3\frac{1}{2}m$  long and  $1\frac{1}{2}m$  wide. What is its area in square metres?

- A.  $5\frac{1}{2}m^2$
- B.  $18m^2$
- C.  $6m^2$
- D.  $4\frac{1}{2}m^2$

25. Work out:  $3.456 \div 16$   
 A. 2.16  
 B. 20.6  
 C. 216  
 D. 0.216
26. The line below drawn to scale is the distance between towns A and B. If the scale used is 1 cm represents 10 m, what is the actual distance from town A and B in metres?
- 
- A. 4.2 m  
 B. 42 m  
 C. 4200 m  
 D. 420 m
27. Work out:  $9\sqrt{177\text{L } 8\text{dl } 31\text{ml}}$   
 A. 109L 70dl 60ml  
 B. 91L 7dl 59ml  
 C. 1L 170dl 59ml  
 D. 19L 7dl 59ml
28. What is the product of 67.84 and 5.25?  
 A. 35.616      B. 356.16  
 C. 3.5616      D. 0.35616
29. What is the next number in the sequence below 168, 84, 42  
 A. 48              B. 10  
 C. 11              D. 21
30. What is the quotient of  $11\frac{1}{4}$  and  $1\frac{1}{4}$ ?  
 A. 9                B.  $10\frac{1}{5}$   
 C.  $14\frac{1}{16}$           D. 25
31. A radio is bought at sh 3950 and sold for sh 3310. Calculate the loss  
 A. sh 7260      B. sh 840  
 C. sh 640        D. sh 1640
32. Remove the brackets and simplify.  
 $15(4e - 3e + 2e + e)$   
 A. 4e  
 B.  $60e - 45e + 30e + 15e$   
 C. 60e  
 D. 45e
33. Which of the following numbers is divisible by 2, 5 and 10?  
 A. 909183  
 B. 5567128  
 C. 41286  
 D. 593860
34. David had  $\frac{1}{4}$  m of wire. He tied up bundles of sticks which required  $\frac{1}{8}$  m of wire each. How many bundles of sticks did he tie?  
 A.  $\frac{3}{32}$             B. 6  
 C.  $\frac{1}{6}$               D.  $\frac{32}{3}$
35. What is  $0.06 \times 0.07$ ?  
 A. 0.00042  
 B. 4200  
 C. 0.0042  
 D. 0.042
36. What is  $645 \times 720$ ?  
 A. 453400  
 B. 46440  
 C. 464400  
 D. 46340
37. Find the length of the rectangle.
- 
- A. 9 cm            B. 36 m  
 C. 18 cm          D. 5 cm
38. What is the reciprocal of  $4\frac{5}{6}$ ?  
 A.  $\frac{6}{29}$             B.  $\frac{64}{5}$   
 C.  $\frac{29}{6}$             D.  $\frac{46}{5}$
39. What is the value of  
 $2546328 + 9568 + 627852$ ?  
 A. 3183748  
 B. 3713748  
 C. 317348  
 D. 2173648

40. Fill in the blank spaces marked (i) (ii) and (iii) respectively.



- A. 3, 24  
 B. 24, 8, 4  
 C. 2, 3, 4  
 D. 3, 3, 4
41. Find the value of  $\sqrt{576}$   
 A. 18  
 B. 24  
 C. 26  
 D. 16
42. Simplify  $2x + 6y + 4x - 2y$   
 A.  $6x - 4y$   
 B.  $6x + 6y$   
 C.  $6x + 4y$   
 D.  $6x + 8y$
43. Grace had 160 mangoes 40 of them were ripe. What percentage of mangoes was ripe?  
 A. 120%  
 B. 25%  
 C. 200%  
 D. 75%
44. Arrange the following from the smallest to the largest  $\frac{1}{3}$ ,  $\frac{1}{2}$ ,  $\frac{1}{10}$  and  $\frac{1}{5}$   
 A.  $\frac{1}{3}$ ,  $\frac{1}{2}$ ,  $\frac{1}{10}$ ,  $\frac{1}{5}$   
 B.  $\frac{1}{10}$ ,  $\frac{1}{5}$ ,  $\frac{1}{3}$ ,  $\frac{1}{2}$   
 C.  $\frac{1}{10}$ ,  $\frac{1}{3}$ ,  $\frac{1}{5}$ ,  $\frac{1}{2}$   
 D.  $\frac{1}{2}$ ,  $\frac{1}{5}$ ,  $\frac{1}{3}$ ,  $\frac{1}{10}$

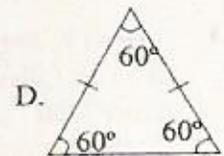
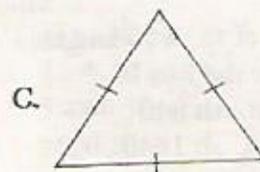
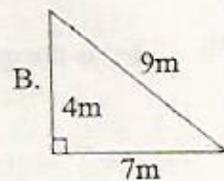
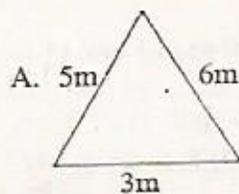
45. Convert 20 m/s to km/hr  
 A. 60 km/hr  
 B. 120 km/hr  
 C. 90 km/hr  
 D. 72 km/hr

46. Multiply 3t 250kg by 5.  
 A. 16t 250kg  
 B. 16t 1250kg  
 C. 15t 1250kg  
 D. 10t 250g

47. Work out: dl ml

$$\begin{array}{r}
 16 \quad 70 \\
 +29 \quad 40 \\
 \hline
 \end{array}$$

- A. 14dl 10ml  
 B. 46dl 10ml  
 C. 45dl 10ml  
 D. 46dl 110ml
48. Ocampo had a rectangular piece of land measuring  $20\frac{1}{4}$  cm and  $15\frac{1}{3}$  cm. Calculate its perimeter.  
 A.  $73\frac{7}{12}$  km      B.  $40\frac{1}{2}$  km  
 C.  $36\frac{7}{12}$  km      D.  $71\frac{1}{6}$  km
49. Work out  $3\frac{5}{18} + 1\frac{11}{24} + 2\frac{7}{8}$   
 A.  $7\frac{11}{18}$       B.  $6\frac{24}{18}$   
 C.  $6\frac{11}{18}$       D.  $7\frac{29}{18}$
50. Which of the following triangle is a scalene



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