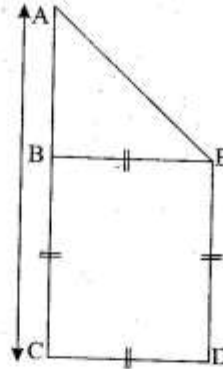


- Write 4440404 in words
 - Four million forty four thousand four hundred and four.
 - Forty four million four hundred and four thousand and four.
 - Four million four hundred and forty thousand, four hundred and forty.
 - Four million four hundred and forty thousand four hundred and four.
- What is the place value of digit 3 after working out $98085 + 5713$?
 - Tens of thousands
 - Thousands
 - Hundreds
 - Tens
- Round off 53.4792 to the nearest hundredths.
 - 53.000
 - 53.47
 - 53.48
 - 53.4800
- Which one of this numbers is divisible by 11?
 - 112896
 - 54248
 - 16564
 - 75988
- What is the total value of digit 5 in the product of 6.21 and 3.1?
 - 0.05
 - 0.005
 - 0.5
 - 5

- The area of square BCDE in the figure below is 576cm^2 , line ABC = 31 cm.



What is the length of line AE?

- 26cm
 - 24cm
 - 25cm
 - 20cm
- What is the value of $\frac{4.25 + 1.51 + 3.84}{5.9 - 5.74}$?
 - 0.06
 - 0.6
 - 6
 - 60
 - A square piece of land has an area of 0.1024 hectares. What is the distance round it in metres?
 - 32m
 - 320m
 - 3200m
 - 32000m
 - What is the difference between the largest and the least 4 digit numbers formed using the digit 3021?
 - 1980
 - 2187
 - 3087
 - 2087

10. Work out: $18 \div 3 - 15 \times 4 + 58$

- A. 4
- B. 112
- C. 6
- D. 124

11. There are 24 schools in a certain subcounty. The ministry of education supplied 14448 text books to the schools in the sub county. If the schools received equal number of text books. How many books did each school receive?

- A. 62
- B. 6002
- C. 602
- D. 620

12. What is the next number in the sequence.

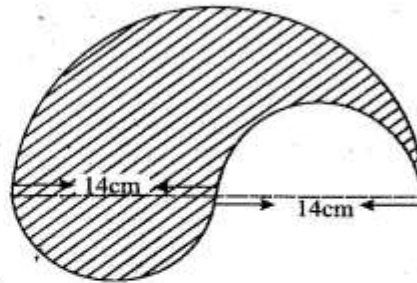
11, 13, 17, 19, _____?

- A. 20
- B. 21
- C. 22
- D. 23

13. Work out: $1\frac{1}{4} + \frac{2}{3}$ of $(9\frac{1}{2} - 2\frac{3}{4}) \div 3$

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

14. Calculate the area of the shaded part in the figure below.



- A. 616cm^2
- B. 462cm^2
- C. 154cm^2
- D. 308cm^2

15. In the year 2018 Salome harvested 115 bags of maize. In the following year her yield decreased by 20%. How many bags of wheat did he harvest in the year 2019?

- A. 23
- B. 95
- C. 92
- D. 138

16. A square plot measures 72m on each sides. What is its area in ares?

- A. 5184
- B. 51.84
- C. 5.184
- D. 518.4

17. A car took 3 hours to cover 108km. What was its speed in m/s?

- A. 36m/s
- B. 20m/s
- C. 18m/s
- D. 10m/s

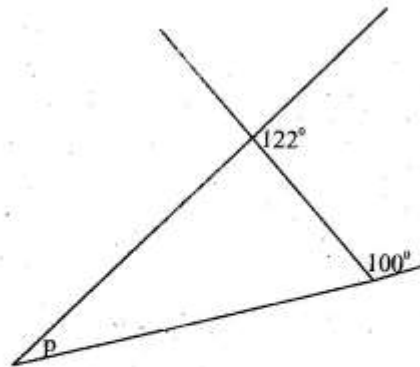
18. During a sports day in a certain school $\frac{5}{12}$ of the number of pupils in the school participated in various activities. If 120 pupils participated, how many pupils are there in the school?
- A. 50
B. 288
C. 190
D. 170

19. The area of a square room is $10\frac{6}{25} \text{ m}^2$. What is the length of each side of the room?
- A. $3\frac{1}{5} \text{ m}$
B. $3\frac{3}{5} \text{ m}$
C. $5\frac{3}{5} \text{ m}$
D. $5\frac{1}{5} \text{ m}$

20. Simplify the following $7(2p-3)+4(8-2p)$
- A. $6p+53$
B. $6p-53$
C. $6p+11$
D. $6p-11$

21. Work out:
- $$\frac{2.88 \times 5.4}{3.6 \times 10.8}$$
- A. 4
B. 40
C. 0.04
D. 0.4

22. What is the size of angle p in the figure below?



- A. 138°
B. 42°
C. 80°
D. 58°

23. The perpendicular distance between two longer parallel lines of a trapezium is 15cm. Each of the parallel sides measures 24cm. Calculate its area in square centimetres.
- A. 360cm^2
B. 320cm^2
C. 180cm^2
D. 78cm^2

24. An empty carton weighs 750g. It was packed with 16 bars of soap each weighing 800g. How many kilograms will two such cartons weigh?
- A. 13550kg
B. 12800kg
C. 13.55kg
D. 27.1kg

25. Simplify the inequality.

$$6p > p + 32$$

A. $p = 8$

B. $p > 6\frac{2}{5}$

C. $p > 5\frac{1}{3}$

D. $p > 8$

26. Construct triangle ABC such that line.

$$AB = 6\text{cm}, BC = 8\text{cm} \text{ and angle } ABC = 90^\circ$$

Draw a circle touching vertices A, B and C.

What is the radius of the circle?

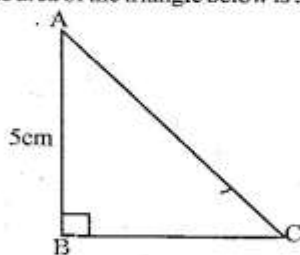
A. 10cm

B. 7cm

C. 5cm

D. 3.5cm

27. The area of the triangle below is 30cm^2 .



What is the length of line AC?

A. 13cm

B. 10cm

C. 12cm

D. 25cm

28. The floor of a square room measures 7.2m on each side. How many tiles measuring 30cm by 24cm can be used to completely cover the floor of the room?

A. 72

B. 300

C. 30

D. 720

29. A farmer uses 425000cm^3 to irrigate plants in his kitchen garden everyday. How much water does he use in 20 days?

A. 21250L

B. 8500000L

C. 8500L

D. 2125L

30. A shopkeeper bought 0.9 tonnes of rice. Which she sold in 750g packets. How many packets did she pack altogether?

A. 1200

B. 120

C. 12

D. 120000

31. Chomo took $7\frac{1}{3}$ hrs to travel from Kilgoris to Nairobi. If he left Kilgoris at 11.50a.m. at what time did he arrive at Nairobi?

A. 7.20p.m.

B. 7.10p.m.

C. 7.20a.m.

D. 7.10a.m.

32. James wanted to make a cube 12cm long using pieces of wire. Calculate the total length of the wire used.

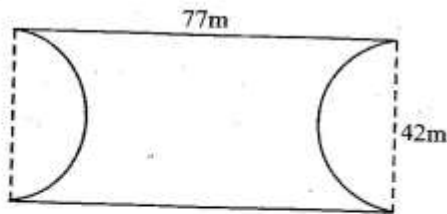
A. 144cm

B. 108cm

C. 60cm

D. 72cm

33. What is the perimeter of the figure below?



- A. 132m
- B. 286m
- C. 209m
- D. 418m

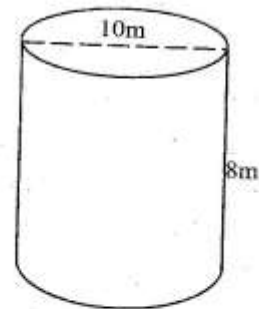
34. Hope deposited shs. 20,000 in a bank. The bank pays simple interest at a rate of 10% p.a. She later withdrew all the money in her account at the end of $2\frac{1}{2}$ years. How much money did she withdraw?

- A. shs. 5000
- B. shs. 500
- C. shs. 25000
- D. shs. 20500

35. A worker was given shs. 9000 for working 20 days. How much did he earn in 3 days?

- A. shs. 1350
- B. shs. 900
- C. shs. 450
- D. shs. 27000

36. What is the volume of the figure below in cubic metres. Use ($\pi=3.14$)



- A. 157m³
- B. 314m³
- C. 628m³
- D. 616m³

37. A man had 8 shs. 500 notes. He changed the money into shs. 200 notes. How many notes did he get altogether?

- A. 20
- B. 40
- C. 10
- D. 2.5

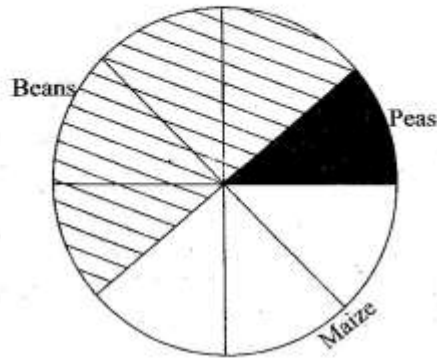
38. A trader sold an item for shs. 1700 making a loss of 15%. At what price had he bought it?

- A. shs. 1900
- B. shs. 2000
- C. shs. 255
- D. shs. 1445

39. 1cm represents 900m. How many centimetres would be used to represent 18km?

- A. 2cm
- B. 50cm
- C. 5cm
- D. 20cm

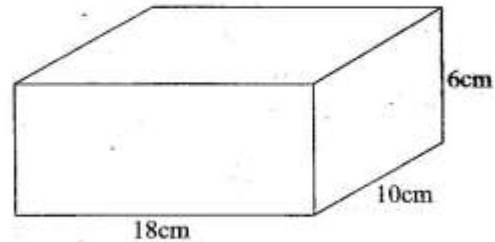
40. The circle graph below represents the yields of three crops produced in Molaa's farm in one season.



If the farm produced 480kg of maize. What was the mass of beans and peas produced?

- A. 500kg
 B. 800kg
 C. 160kg
 D. 1280kg
41. An employee used to earn shs. 20,000. His salary was increased in the ratio 5:4. What was his salary after the increase?
 A. shs. 25,000
 B. shs. 16,000
 C. shs. 45,000
 D. shs. 36,000
42. The average weight of six boxes is 42kg. Three of them weighs 40kg, 44kg and 45kg. What is the mean weight of the remaining boxes?
 A. 42kg
 B. 40kg
 C. 41kg
 D. 43kg

43. The figure below represents a closed cuboid. Calculate its surface area.



- A. 348cm^2
 B. 696cm^2
 C. 1080cm^2
 D. 2160cm^2
44. Omondi bought metal doors on hire purchase terms. He paid a deposit of shs. 15000 followed by 6 equal monthly instalments of shs. 5000 per month. The total amount paid was shs. 3800 more than the cash price. How much would he have paid had he bought it cash?
 A. shs. 41,200
 B. shs. 30,000
 C. shs. 45,000
 D. shs. 26,200
45. Which one of the following quadrilaterals has all of the following properties?
 i) It is a special rectangle.
 ii) Diagonal bisect each other at 90° .
 iii) Has two pairs of parallel lines.
 iv) Its diagonals are equal.
 A. Rhombus
 B. Square
 C. Rectangle
 D. Trapezium

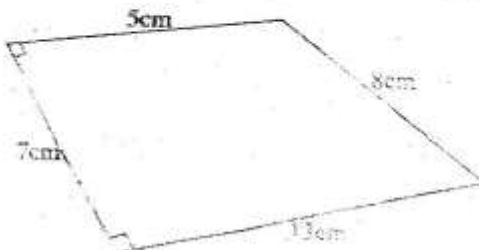
46. The table below shows postal order commission.

Value of order in (shs)	Commission in (shs)
5.00	5.00
10.00	5.00
20.00	8.00
50.00	12.00
80.00	15.00
100.00	20.00
200.00	25.00
500.00	30.00
800.00	35.00
1000.00	40.00
2000.00	50.00
5000.00	60.00

Alice wants to send shs. 6560 by postal order. What values of postal order should she buy so that she pays the least commission?

- A. shs. 2000, shs. 2000, shs. 2000, shs. 500, shs. 50, shs. 10
 B. shs. 5000, shs. 200, shs. 200, shs. 100, shs. 50, shs. 10
 C. shs. 5000, shs. 500, shs. 50, shs. 10.
 D. shs. 5000, shs. 500, shs. 20, shs. 20, shs. 20.
47. Janet bought a pullover for shs. 1200 and later sold it making a profit of 12%. At what price did she sell it?
 A. shs. 1440
 B. shs. 1444
 C. shs. 1340
 D. shs. 1344

48. What is the area of the trapezium drawn below?

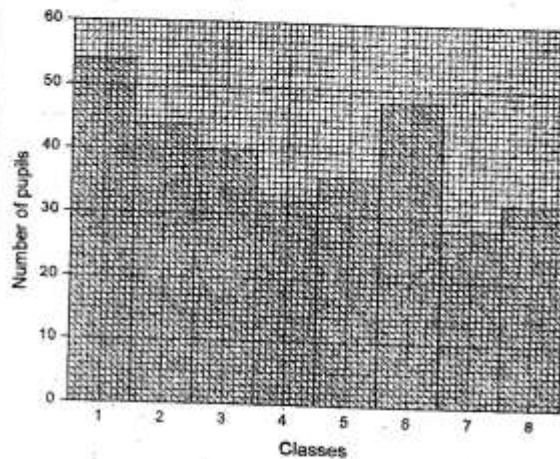


- A. 63cm^2
 B. 50cm^2
 C. 126cm^2
 D. 72cm^2

49. A salesman is paid a commission of shs. 70 for every shs. 1000 of sale he makes. In one month he sold 124 items each costing shs. 1500. How much commission was he given that month?

- A. shs. 186
 B. shs. 13000
 C. shs. 12500
 D. shs. 13020

50. The bar graph below represents the number of pupils in classes 1 - 8 in a certain school.



Calculate the total number of pupils in the school.

- A. 310
 B. 314
 C. 306
 D. 302