1. Write in symbols. One million eight hundred thousand and seventy seven.
   A. 1810077
   B. 180077
   C. 1800077
   D. 1080077

2. Express 0.04 as percentage
   A. 40%
   B. 0.4%
   C. 4%
   D. 400%

3. What is the total value of digit 5 in the number 6385429?
   A. 50
   B. 500
   C. 5000
   D. 50000

4. The school enrolment of pupils in Koma district was; Boys 8493, girls 7648. How many pupils were enrolled altogether?
   A. 845
   B. 15141
   C. 16041
   D. 16141

5. Find the product of $6\frac{2}{3}$ and $1\frac{1}{2}$?
   A. 10
   B. $4\frac{4}{9}$
   C. 20
   D. 30

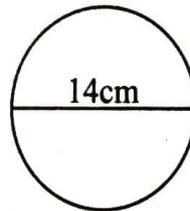6. The area of a triangle below is 24cm^2. Its height is 8cm. Find its base.
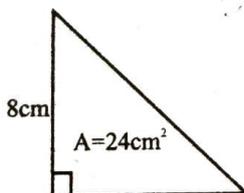
   A. 16 cm
   B. 4cm
   C. 3 cm
   D. 6cm

7. Work out; 8700212 - 7458356
   A. 1241846
   B. 1141856
   C. 1241856
   D. 1251866

8. Work out; 0.09 x 0.8
   A. 0.72
   B. 0.072
   C. 0.0072
   D. 72

9. Convert 2500ml into dl.
   A. 25 dl
   B. 250 dl
   C. 2.5 dl
   D. 0.25dl

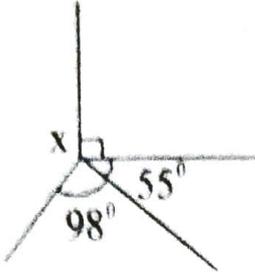10. Find the circumference of the circle drawn. Use $\pi = \frac{22}{7}$

    A. 44 cm^2
    B. 88cm
    C. 22 cm
    D. 44cm

11. Divide 4.272 ÷ 4
    A. 1.068
    B. 168
    C. 10.68
    D. 0.168

12. Solve the equation $\frac{1}{3}x + 8 = 11$
    A. 57
    B. 1
    C. 0
    D. 9

13. A wheelbarrow was bought at 32000 and sold for sh 28000. Calculate the percentage loss.
    A. 25%
    B. 10%
    C. 20%
    D. 32%

14. Find the value of **X**

A. 153° B. 243°

C. 117° D. 217°

15. Find $\sqrt{2\frac{1}{4}}$

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

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

16. A lorry travelled from Isiolo to Karatina 168km away in 4 hours. At what speed was it travelling at?

A. 24km/h   B. 42 km/h

C. 82 km/h   D. 672 km/h

17. Work out; 4.75 + 38.407 + 27

A. 69.482   B. 43.427

C. 42.752   D. 70.157

18. What is the sum of the edges and faces of a cube?

A. 18   B. 12
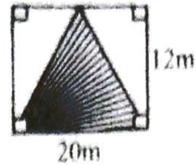
C. 6   D. 20

19. Simplify the expression below;

11a - 7b + 9b - 8a

A. 3a + 2b   B. 3a + 16b

C. 3a - 2b   D. 19a + 2b

20. Convert 600ml to decilitres.

A. 60dl   B. 6000 dl

C. 6 dl   D. 0.6 dl

21. What is the area of the shaded part?

A. 120 cm^2 B. 240m^2

C. 240cm^2 D. 120m^2

22. Round off 4.857 correct to two decimal places.

A. 4.80   B. 4.90

C. 4.86   D. 4.84

23. Work out GCD of 50 and 20

A. 20   B. 5

C. 10   D. 100

24. If 25% represents 150 items. How many items are represented by 60%?

A. 300   B. 275

C. 450   D. 360

25. A lesson started at 11.55 am and ended at 12.40 pm the same day. How long was this lesson?

A. 40 min   B. 45 min

C. 35 min   D. 30 min

26. Mutua bought;

2 pks of maize flour @ sh 100
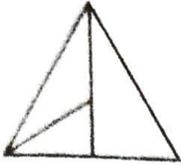*500g packets of tea leaves for sh 75.00*
2 loaves of bread @ sh 36.00

He paid the bill with five hundred shillings note. How much was his change?

A. sh 345   B. sh 347

C. sh 153   D. sh 155

27. The ages of 6 boys are 13, 15, 16, 14, 14 and 12 years. What was the average age of the boys?

A. 15 years   B. 12 years

C. 14 years   D. 16 years

28. How many triangles are in the figure below?

A. 4   B. 5

C. 6   D. 7

29. Write 45 in Roman numbers.

A. XXXXV   B. XLVI

C. XLV   D. LXV

30. Add

Hrs	mins	sec
8	32	45
+ 6	55	18

A. 14h 87 min 63s

B. 14h 28 min 3s

C. 15h 28 min 3s

D. 16h 28 min 3s

31. Add $^3/_4 + 4\frac{1}{2}$

A. $5^2/_4$ B. $5^1/_4$

C. $3^3/_4$ D. $3^1/_2$
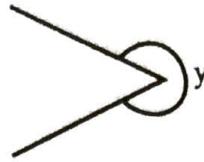
32. Which of the following numbers is not divisible by 8?

A. 95238   B. 102064

C. 11272   D. 52632

33. Find the area of unshaded part in the figure below.
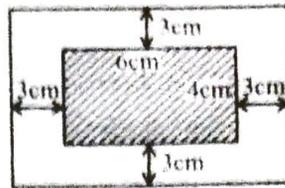
A. 120cm^2 B. 96cm^2

C. 24cm^2 D. 32cm^2

34. What type of angle marked y is shown below?

A. Obtuse angle

B. Reflex angle

C. Acute angle

D. Right angled

35. Find the sum of the squares of 5 and 6.

A. 11   B. 61

C. 22   D. 30

36. One bell rings after 4 minutes and another after 5 minutes. How long does it take for the two bells to ring together again?

A. 9 min   B. 20 min

C. 1 hour   D. 30 min

37. What is the volume of a cuboid measuring 2m by 3m by 1m in cm^3?

A. 6 cm^3 B. 60000cm^3

C. 600000 cm^3 D. 6000000 cm^3
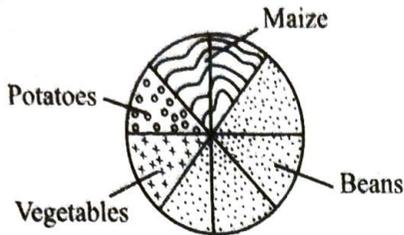
38. Draw triangle ABC in which AB=6cm, BC=8cm and angle ABC=90^0. What is the measure of line AC?

A. 7 cm   B. 6 cm

C. 10 cm   D. 8cm

39. Convert 9kg 400g into grams only
   A. 90400 g
   B. 9.4g
   C. 9400g
   D. 0.94g

40. A farm has an area of 56 hectares. The circle graph shows the plants planted in the farm. How many hectares are under maize?

   A. 7 ha
   B. 14 ha
   C. 28 ha
   D. 16 ha

41. Write all prime numbers between 20 and 30.
   A. 21, 23, 29
   B. 23, 27
   C. 27, 29
   D. 23, 29

42. I think of a number X, subtract 11, multiply the result by 4, the answer is 20. What is the number x?
   A. 10
   B. 8
   C. 16
   D. 44

43. Simplify 4 (4x + 3y) + 2(5x - 2y)
   A. 26x + 8y
   B. 26x + y
   C. 26x + 10y
   D. 22x + 8 y

44. A helicopter covered a distance of 1800m in 190 seconds. Calculate its speed.
   A. 18m/s
   B. 180m/s
   C. 1800m/s
   D. 1.8m/s
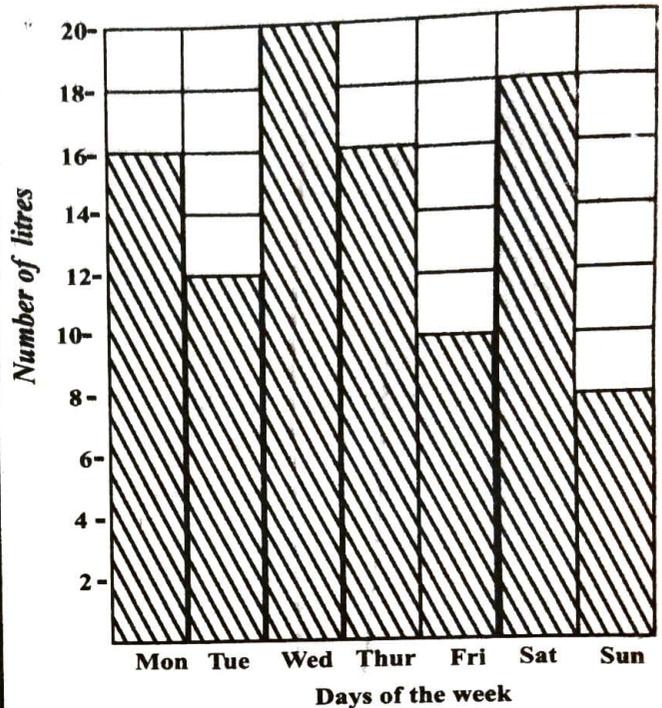
45. What is the supplement of $134\frac{1}{2}^0$?
   A. 180^0
   B. $44\frac{1}{2}^0$
   C. 46^0
   D. $45\frac{1}{2}^0$

46. 1 cm represents 1 km can be written as 1cm represents___ cm
   A. 100000
   B. 10000
   C. 1000
   D. 100

Use the following bar graph to answer questions 47-50.

47. On which day was there the highest production of milk?
   A. Monday
   B. Saturday
   C. Wednesday
   D. Sunday

48. How much milk was obtained on Tuesday?
   A. 10 Litres
   B. 16 Litres
   C. 20 Litres
   D. 12 Litres

49. How many more litres were obtained on Monday than on Friday?
   A. 16 Litres
   B. 10 Litres
   C. 6 Litres
   D. 26 Litres

50. How much milk was produced in the whole week?
   A. 100
   B. 90
   C. 104
   D. 91