1. What is 5 637 405 in words?
   A. Five hundred and sixty three thousand seven hundred and forty five
   B. Five million six hundred and thirty seven thousand and forty five
   C. Five million six hundred and thirty seven thousand, four hundred and five
   D. Five million six thousand and thirty seven thousand four hundred and five

2. What is the total value of digit 9 in the number 290 123?
   A. 900 000
   B. 90 000
   C. 9 000
   D. 900

3. What is the value of:
   $11.01 + 32 + 0.481$?
   A. 43.491
   B. 40.421
   C. 4.4251
   D. 445.51

4. Subtract 65 273 from 871 618
   A. 816 445   B. 806 345
   C. 814 465   D. 806 445

5. What is 45% expressed as a fraction in its simplest form?
   A. $^4/_{25}$ B. $^9/_{20}$
   C. $^4/_5$ D. $^9/25$

6. Which of the following numbers is divisible by four?
   A. 29 642   B. 11 447
   C. 36 400   D. 10 293

7. What is $4^2 + \sqrt{81}$?
   A. 17   B. 97
   C. 25   D. 13

8. What is the value of the angle marked x in the figure below?
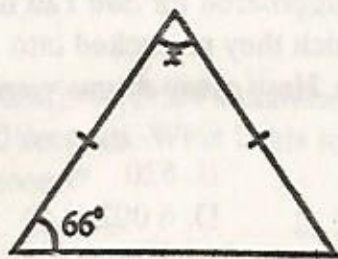
   A. 66°   B. 38°
   C. 58°   D. 48°

9. April 3rd 2013 was on a Friday. Which day was 5th May the same year?
   A. Saturday   B. Sunday
   C. Monday   D. Tuesday

10. Calculate the area of the triangle below

   A. 300cm²   B. 840cm²
   C. 168cm²   D. 84cm²

11. A story book has 89 pages. Every single page has 4 936 words. How many words are there in the book?
    A. 5 025
    B. 493 304
    C. 55 025
    D. 439 304

12. Work out the sum of:
    48 526 and 7 087
    A. 55 613
    B. 52 561
    C. 55 261
    D. 56 521

13. What is the next number in the sequence below?

49, 42, 40, 33, 31, 24, ___

A. 17

B. 26

C. 21

D. 22

14. A petrol station ordered for 360 120 litres of paraffin which they re-packed into 60 litre drums. How many drums were filled?

A. 62   B. 620

C. 602   D. 6 002

15. A square plot has an area of 441 m². Calculate the perimeter of the plot

A. 84m

B. 21m

C. 42m

D. 64m

16. What is the GCD of 21, 63 and 84?

A. 16   B. 7

C. 21   D. 63

17. In a town, 25% of the population are children. If the town has 382 000 people, how many children are there?

A. 142 000   B. 950

C. 19 000   D. 95 500

18. Calculate the volume of the cuboid below
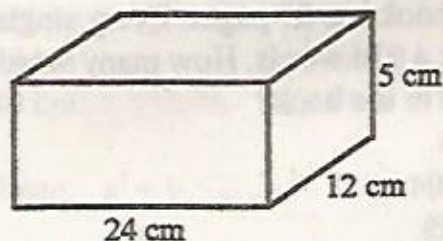
A. 14 400 cm²   B. 1 440cm³

C. 41 cm³   D. 144m³

19. A motorist travelled at a speed of 54 km/h. What is his speed in m/s?

A. 10m/s   B. 15m/s

C. 20m/s   D. 30m/s

20. Henry bought the following items from a shop;

- 2 packets of unga @ Sh.50
- 2 kg of sugar @ Sh.120
- 500 g cooking fat for Sh.140

How much balance did he get from a five hundred shilling note?

A. Sh. 310   B. Sh. 20

C. Sh. 480   D. Sh. 200

21. Round off the sum of 68 783 and 79 989 to the nearest thousand.

A. 149 000

B. 150 000

C. 1 000 000

D. 140 000

22. In the year 2014, the population of Kumbu market was 200 486. In the year 2015 the population rose to 230 799. What was the increase in population between the two years?

A. 30 313   B. 40 029

C. 431 265   D. 302 930

23. Construct triangle ABC such that line AC = 6 cm, line AB = 5 cm and angle CAB = 70^0. What is the size of angle ABC?

A. 117^0 B. 66^0

C. 58^0 D. 62^0

24. What is $(5^1/_2)^2$?

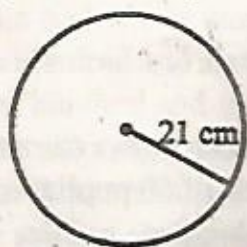A. $^{11}/_2$ B. $10^1/_2$

C. $30^1/_4$ D. $5^1/_2$

25. Alison left town A for town B at 10.34 am. She took 2 h 30 min to reach town B. At what time did he reach town B in 24 hour clock system?

A. 1034 h

B. 1204 h

C. 1304 h

D. 1404 h

26. Divide: $5^5/_6 \div 17^1/_2$?

A. $^4/_5$ B. $^1/_3$

C. 3   D. $^2/_3$

27. Express $^{49}/_5$ as a mixed number
    A. $4^4/_5$
    B. $9^4/_5$
    C. $9^4/_5$
    D. $5^4/_9$

28. Calculate the circumference of the circle below (Take $\pi = ^{22}/_7$)

    A. 1 386 cm
    B. 63cm
    C. 66 cm
    D. 132cm

29. Three bells rung at intervals of 4 min, 5 min and 8 min. After how many minutes will they ring again?
    A. 40 min
    B. 60 min
    C. 80 min
    D. 20 min

30. Simplify:
    $3(4x+3n) + 2(3x - 2n)$
    A. $18x + 15n$
    B. $18x + 5n$
    C. $21x + 2n$
    D. $6x + 5n$

31. An empty carton weighs 3.2 kg. When books each weighing 500 g are packed in it, the mass becomes 16.2 kg. How many books are packed in the carton?
    A. 26
    B. 18
    C. 42
    D. 91

32. A butcher cut 12 kg of meat into $^3/_4$ kg portions. How many portions of this size did he get?
    A. 9
    B. 16
    C. 15
    D. 20

33. Mary packed 28 kg of sugar into 1 kg packets. He sold each packet at sh.80. How much money did she get from the sale of these packets?
    A. Sh. 1 280
    B. Sh.1 180
    C. Sh. 2 240
    D. Sh.1 080

34. Anthony's family consumes 500 ml of milk everyday. How many litres of milk did they consume in May 2015?
    A. 15.5 l
    B. 155 l
    C. 515 l
    D. 15 500 l

35. What is the product of $2^1/_3$ of and $1^5/_7$?
    A. $2^1/_3$
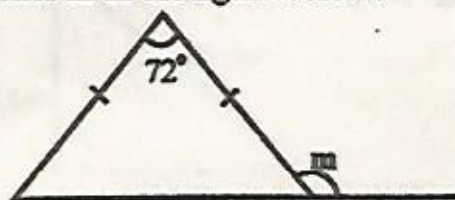   B. $3^1/_3$
    C. $2^1/_3$
    D. 3

36. Omari can drive a distance of 1 500 m in 60 seconds. What is his speed in metres per second?
    A. 30 m/s
    B. 25 km/hr
    C. 25 m/s
    D. 15 m/s

37. Arrange the fractions $^1/_4, ^1/_2, ^1/_3$ and $^1/_5$ from the smallest to the largest?
    A. $^1/_4, ^1/_5, ^1/_3, ^1/_2$
    B. $^1/_5, ^1/_4, ^1/_3, ^1/_2$
    C. $^1/_3, ^1/_4, ^1/_5, ^1/_2$
    D. $^1/_2, ^1/_3, ^1/_4, ^1/_5$

38. What is the size of the angle marked with letter m in the figure below?

    A. 54°
    B. 126°
    C. 108°
    D. 128°

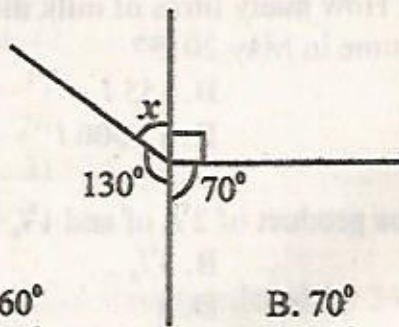39. Hellen had 60 hens. Twenty of the hens died. What fraction of the hens remained?
    A. $^1/_2$
    B. $1^1/_3$
    C. $^1/_3$
    D. $^2/_3$

40. Multiply:

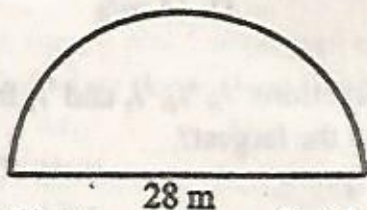| Litres	dl	ml
8	2	24
x		8

    A. 64 l 16 dl 192 ml
    B. 65 l 7 dl 92 ml
    C. 64 l 35 dl 2 ml
    D. 65 l 8 dl 92 ml

41. What is the value of x in the figure below?

A. 60°   B. 70°
C. 90°   D. 45°

42. What is the perimeter of the semicircle drawn below? (Take $\pi = {}^{22}/_7$)

28 m

A. 72 cm   B. 44 cm
C. 88 cm   D. 66 cm

43. John bought a goat for Sh.2 000 and later sold it for Sh. 2 500. What was his percentage profit?

A. 20%
B. 25%
C. 30%
D. 50%

44. Mary's home is $3^1/_2$ km from her school. If she goes to school and comes back in the evening, what distance does she cover in a week?

A. 28 km   B. 7 km
C. 49 km   D. 35 km

45. Evaluate: $\dfrac{a^2 + b + c}{abc}$

when a = 2, b = 3 and c = 4

A. $^9/_{24}$ B. $^{11}/_{24}$
C. $2^1/_4$ D. 1

46. What is the square root of $6^1/_4$?

A. $3^1/_4$ B. $6^1/_4$
C. $2^1/_4$ D. $2^1/_2$

47. Hope academy has 530 pupils. Each pupil was given 8 exercise books. How many exercise books were given out to the pupils altogether?

A. 4 340
B. 5 240
C. 4 040
D. 4 240

48. The bar graph below shows the attendance of pupils in a class of 50 pupils
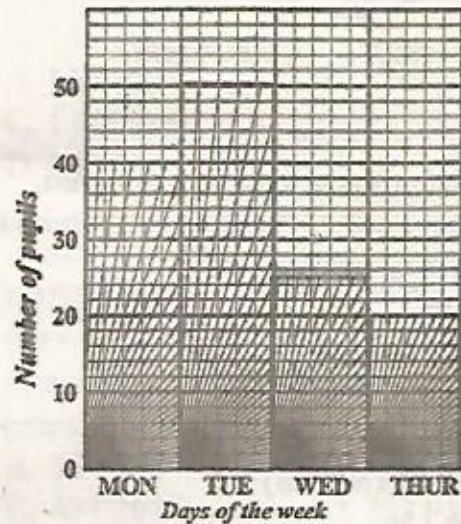
On which day was attendance of pupils equal to 40%.

A. Monday
B. Tuesday
C. Wednesday
D. Thursday

49. Use the symbol >, = or < to complete the statement below

17.75 + 0.25 _____ 0.25 + 17.57

A. >   B. <
C. =   D. None

50. What is the next shape in the pattern?

A.   B.

C.   D.