

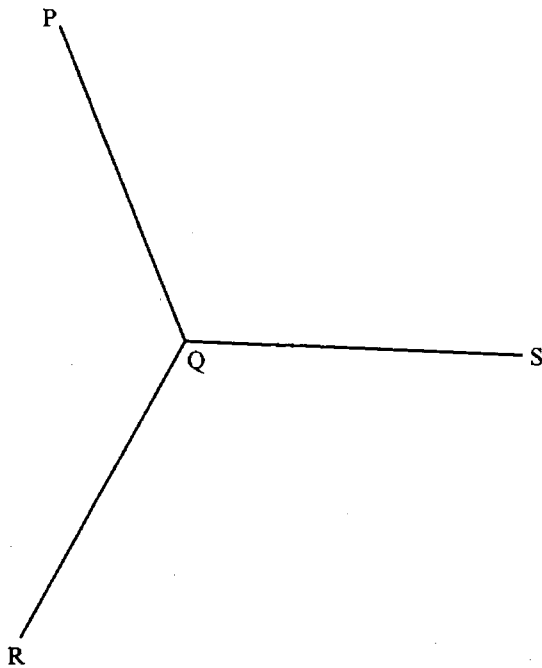
Working Space

1. What is 73121025 written in words?
 - A. Seven million three hundred and twelve thousand one hundred and twenty five.
 - B. Seventy three million one hundred and twenty one thousand and twenty five.
 - C. Seven hundred and thirty one million two hundred and ten thousand and twenty five.
 - D. *Seventy three million twelve thousand one hundred and twenty five.*

2. What is 1.28978 correct to three decimal places?
 - A. 1.28.
 - B. 1.289
 - C. 1.29
 - D. 1.290

3. Mosi sold milk from 7th January to 7th March 2006. For how many days altogether did he sell the milk?
 - A. 58
 - B. 59
 - C. 60
 - D. 61

4. In the figure below lines PQ, RQ and SQ have been constructed to meet at Q.



Measure angle SQR.

What is the size of angle SQR?

- A. 63°
- B. 114°
- C. 117°
- D. 129°

5. What is the sum of the total values of the digits in the hundreds and ten thousands positions in the number 693582?
- A. 95 000
 - B. 90 500
 - C. 10 100
 - D. 9 500
6. How many vertices does a triangular prism have?
- A. 2
 - B. 5
 - C. 6
 - D. 9
7. Sotsi borrowed sh 20 000 from a money lender at a simple interest rate of 5% per month. How much did he pay back altogether at the end of one year?
- A. sh 32 000
 - B. sh 21 000
 - C. sh 20 060
 - D. sh 12 000
8. The heights in centimetres of 10 pupils are given below:
- 169, 173, 158, 170, 159, 171, 163, 159, 180, 167
- What is the mean height of the pupils?
- A. 159 cm
 - B. 166.9 cm
 - C. 168 cm
 - D. 1 669 cm
9. What is the next number in the pattern:
- 1.2, 2.4, 4.8, _____, ...?
- A. 6.0
 - B. 7.2
 - C. 8.4
 - D. 9.6
10. The decimals 0.09402, 0.09042, 0.09024, 0.09204 are to be written from the largest to the smallest. Which one of the following is the correct order?
- A. 0.09204, 0.09402, 0.09042, 0.09024
 - B. 0.09402, 0.09042, 0.09204, 0.09024
 - C. 0.09402, 0.09204, 0.09042, 0.09024
 - D. 0.09024, 0.09042, 0.09204, 0.09402
11. A rectangular plot of land measures 40 m by 30 m. There is a wall on one of the longer sides. Four strands of wire are to be used to fence the three remaining sides of the plot. What length of wire is required?
- A. 4 800 m
 - B. 560 m
 - C. 400 m
 - D. 100 m

12. In the year 2002, the number of pupils in a school was 800. In 2003 the number of pupils increased by 40%. How many pupils were there in 2003?

A. 320
B. 480
C. 840
D. 1 120

13. A pupil intends to add the fractions $\frac{2}{7}$, $\frac{3}{8}$ and $\frac{5}{6}$. Which one of the following numbers should she choose as the least common denominator?

A. 56
B. 48
C. 168
D. 336

14. Mukami had 135 two hundred shillings notes which she changed as follows:

sh 21 000 into one thousand shillings notes

sh 3 000 into five hundred shillings notes

sh 2 000 into one hundred shillings notes and

the remaining amount of money into fifty shillings notes.

How many notes did she get altogether?

A. 67
B. 54
C. 47
D. 20

15. A distance of 5 kilometres is represented on a map by a length of 4 centimetres. What is the scale used?

A. 1:125
B. 1:1 250
C. 1:12 500
D. 1:125 000

16. What is the value of $7(8^2 - 7^2) + 63 \div 7$?

A. 16
B. 23
C. 24
D. 114

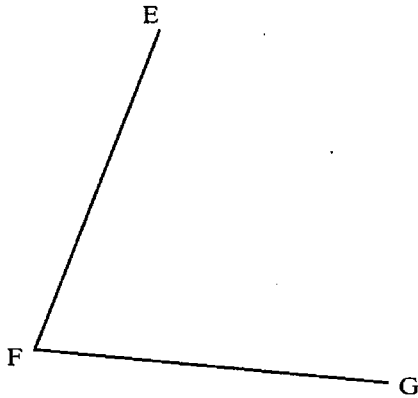
17. What is the value of x in the equation

$$1\frac{1}{4}x + 4 = 13 - x?$$

A. 68
B. 36
C. $7\frac{5}{9}$
D. 4

18. Mula sold an item for sh 9 900 and made a loss of 10%. What was the cost price of the item?
- sh 11 000
 - sh 9 910
 - sh 9 000
 - sh 8 910
19. Twenty litres of milk was given to a class of 50 pupils to share equally. How many decilitres of milk did each pupil get?
- 0.4
 - 4
 - 40
 - 400
20. What is the value of $0.6 - 0.4 \times 0.23 - 0.01$?
- 0.036
 - 0.044
 - 0.498
 - 0.518
21. A certain quadrilateral has the following properties:
- Has two sets of parallel sides*
 - Has all sides equal*
 - Diagonals bisect each other*
 - Some angles are equal*
- Which quadrilateral has the above properties?
- Parallelogram
 - Rhombus
 - Square
 - Trapezium
22. An aeroplane left town F at 22 30 h on Monday. It took $8\frac{3}{4}$ hours to reach town K. When did it reach town K?
- Tuesday 7.15 a.m.
 - Tuesday 7.15 p.m.
 - Monday 7.15 a.m.
 - Monday 7.15 p.m.
23. What is the square root of 0.0576?
- 0.0024
 - 0.024
 - 0.24
 - 2.4
24. What is the volume, in cm^3 , of a cylinder whose diameter is 14 cm and height 10 cm? (Take $\pi = \frac{22}{7}$)
- 6 160
 - 1 540
 - 748
 - 440

25. Mbogo and Kihara shared some money such that Mbogo got $\frac{3}{4}$ of the money shared out. What was the ratio of Mbogo's share to that of Kihara?
- A. 4:3
B. 3:1
C. 3:4
D. 1:3
26. Onyango paid sh 950 for an item after getting a discount of sh 50. What percentage discount did he get?
- A. 5%
B. $5\frac{2}{9}\%$
C. $5\frac{5}{19}\%$
D. 95%
27. The figure below is part of a rhombus EFGH. Complete the rhombus.



What is the length of half the longer diagonal?

- A. 3 cm
B. 4 cm
C. 6 cm
D. 8 cm
28. Samira bought the following items:

Five half-litre packets of milk @ sh 30

Two crates of soda @ sh 320

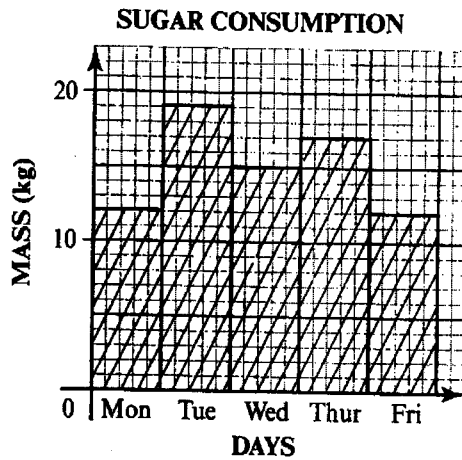
Twenty five loaves of bread @ sh 23

A bottle of water for sh 25

If she had sh 2 000, how much money did she remain with?

- A. sh 1 602
B. sh 1 390
C. sh 635
D. sh 610

29. The bar graph below shows the number of kilograms of sugar consumed by a school in five days.



- In which pair of consecutive days was the total consumption the highest?
- Mon and Tue
 - Tue and Wed
 - Wed and Thur
 - Thur and Fri
30. A youth group organised a film show to raise funds. Two hundred and eighty men attended the film show. The number of women who attended was half the number of men, while the number of youths was three times the number of both men and women. The charges were sh 50 per adult and sh 20 per youth. How much money was raised?
- sh 46 200
 - sh 37 800
 - sh 25 200
 - sh 21 000