

1. What is the place value of digit 2 in the number 2369457?

- A. Hundred thousands
- B. Ten thousands
- C. Thousands
- D. Millions

2. Write the total value of digit 4 in the number 426957.

- A. 40000
- B. 4000
- C. 400000
- D. 4000000

3. In a certain county, there are ninety six thousand eight hundred and sixty eight people. What is the number of people in symbols?

- A. 90686
- B. 96868
- C. 96668
- D. 96688

4. Round the following number to the nearest thousand. 92186

- A. 90000
- B. 93000
- C. 92500
- D. 92000

5. The table below shows the squares and square roots of some numbers

Number	Square root	Square
25	5	625
36	X	1296
64	8	Y

What is the value of X and Y?

- | | |
|----------|----------|
| <u>Y</u> | <u>Y</u> |
| A. 15 | 128 |
| B. 6 | 4096 |
| C. 8 | 3840 |
| D. 12 | 1156 |

6. Round off the following numbers to the nearest ten and then multiply 364 and 92.

- A. 37000
- B. 33488
- C. 27000
- D. 32400

7. What is the next number in the series.

- 3, 9, 27, 81, _____
- A. 162
 - B. 243
 - C. 324
 - D. 108

8. **Multiply:**

- 916 x 14
- A. 10804
 - B. 12624
 - C. 12824
 - D. 12810

9. What is the quotient of 360 and 5?

- A. 360
- B. 54
- C. 81
- D. 72

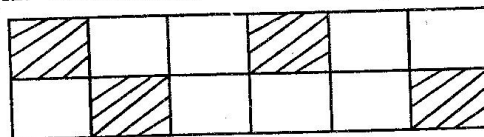
10. Work out:

- $96 \div 4 \times 2 + 8 - 5 =$ _____
- A. 24
 - B. 16
 - C. 51
 - D. 64

11. What is the LCM of 16, 48 and 36?

- A. 144
- B. 96
- C. 180
- D. 124

12. What fraction is unshaded in the figure below?



- A. $\frac{1}{3}$
- B. $\frac{2}{3}$
- C. $\frac{2}{5}$
- D. $\frac{2}{7}$

13. **Add:**

$\frac{1}{3} + \frac{1}{4} =$ _____

- A. $\frac{5}{12}$
- B. $\frac{2}{3}$
- C. $\frac{4}{7}$
- D. $\frac{7}{12}$

14. **Subtract:**

$2\frac{1}{3} - 1\frac{1}{5} =$ _____

- A. $\frac{2}{15}$
- B. $3\frac{8}{15}$
- C. $\frac{14}{15}$
- D. $\frac{13}{14}$

15. Convert $\frac{1}{2}$ to a decimal.

- A. 0.8
- B. 0.5
- C. 0.6
- D. 0.2

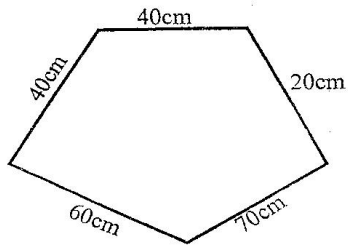
16. What is the place value of digit 4 in the number 0.245?

- A. Hundredths
- B. Thousandths
- C. Tenths
- D. Hundreds

17. Work out. $9.6843 - 8.1234 =$ _____
 A. 1.5609 B. 1.4607
 C. 1.4808 D. 1.6609

18. An athlete ran a distance of 8km 200cm. What distance in km did he run?
 A. 82 B. 8200 C. 8.2 D. 820

19. What is the perimeter of the figure below?

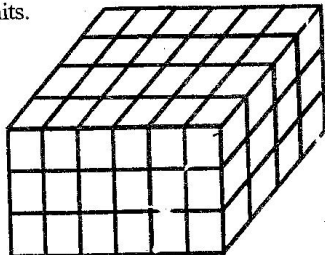


- A. 230cm B. 220cm
 C. 250cm D. 260cm

20. A boy had two thirds of a sugarcane. He ate two fifths of it. What length of the sugarcane did he remain with?

- A. $\frac{3}{14}$ B. $\frac{3}{5}$ C. $\frac{6}{13}$ D. $\frac{4}{15}$

21. Work out the volume of the figure below in cubic units.



- A. 84 B. 72 C. 64 D. 96

22. Amos went to a shop to buy the following items

- A bar soap @ sh. 90
- 1kg of sugar @ sh. 100
- 2kg packet of maize flour for sh. 120

If he had sh 500, how much money did he remain with?

- A. shs. 310 B. shs. 90
 C. shs. 190 D. shs. 290

23. Change the following to decimal.

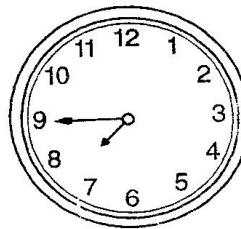
- $\frac{2}{100} =$ _____
 A. 0.2 B. 0.02
 C. 0.002 D. 0.0002

24. Draw the following angles.



- A. Acute angle
 B. Reflex angle
 C. Right angle
 D. Obtuse angle

25. What is the time shown on the clock face below?



- A. 7.45p.m. B. 8.45a.m.
 C. 7.45 a.m. D. 8.45 p.m

26. In grade six class, there are t boys y more girls than boys. How many pupils are there altogether?

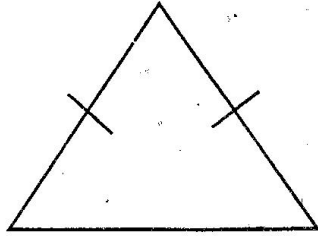
- A. t+y
 B. 2t - y
 C. t+2y
 D. 2t+y

27. Work out:

$3a + 2b + 4a + 3b =$ _____

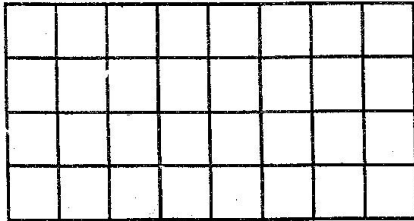
- A. 7a - 5b
 B. 6a + 7b
 C. 7a + 5b
 D. 6a - 4b

28. What is the name of the triangle drawn below?



- A. Right angled triangle
- B. Scalene triangle
- C. Isosceles triangle
- D. Equilateral triangle

29. What is the area of the rectangle below in square unit?



- A. 24
- B. 32
- C. 28
- D. 40

30. **The table below shows the shoes size pairs sold in a boutique in four days.**

Shoe size	Tally mark	Number of pairs
34		8
35		
36		
38		

What was the total number of pairs sold during the four days?

- A. 49
- B. 50
- C. 52
- D. 51