

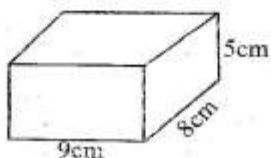


TARGETER WINGS
MONITORING LEARNER'S PROGRESS
GRADE 5 - 2022
MATHEMATICS



TIME: 1 Hour 20 Minutes

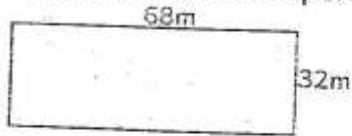
1. The number of people who received Covid 19 vaccine in a county was 146532. What is the place value of digit 4 in the number?
A. Tens of thousands B. Thousands
C. Hundreds D. Tenths
2. What is the total value of digit 7 in the number 836715?
A. 7000 B. 700 C. 70 D. 7
3. Ninety nine thousand nine hundred and ninety one people took part in an election in a constituency. What is this number in symbols?
A. 99999 B. 99991
C. 9991 D. 99901
4. Work out: $\frac{2}{3} - \frac{5}{12}$
A. $\frac{3}{9}$ B. $\frac{1}{4}$
C. $\frac{7}{15}$ D. $\frac{4}{12}$
5. Arrange the following fractions in a descending order $\frac{3}{8}, \frac{3}{4}, \frac{1}{4}, \frac{1}{2}$
A. $\frac{3}{4}, \frac{1}{2}, \frac{3}{8}, \frac{1}{4}$ B. $\frac{1}{2}, \frac{3}{8}, \frac{1}{4}, \frac{3}{4}$
C. $\frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{3}{4}$ D. $\frac{3}{4}, \frac{1}{4}, \frac{1}{2}, \frac{3}{8}$
6. The diagram below shows a box made by Charles. Find its volume.



- A. 360cm^3
- B. 22cm^3
- C. 72cm^3
- D. 260cm^3

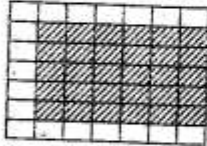
7. An athlete runs 13km 650m in a day. What distance does he cover in four days?
- A. 52km 2600m B. 54km 600m
C. 53km 600m D. 53km 2600.
8. Work out
- | | | |
|--------|-----|----------------------|
| litres | ml | A. 846litres 1804ml |
| 276 | 843 | B. 845 litres 1804ml |
| + 569 | 961 | C. 846litres 804ml |
| | | D. 845 litres 804ml |
9. Solve the following equation:
A mother had 200 tomatoes. She cooked y tomatoes. If 14 tomatoes remained, how many tomatoes did y represent?
- A. 214 B. 186 C. 200 D. 14
10. Arrange the following numbers in ascending order.
4856, 1315, 2460, 1599, 5555
- A. 1315, 2460, 4856, 5555 B. 1315, 1599, 2460, 4856, 5555
C. 5555, 1315, 4856, 2460, 1599 D. 5555, 4856, 2460, 1599, 1315
11. Work out:
- | | | | | |
|---|------|-----|-----------|--------------|
| 5 | 15kg | 20g | A. 3kg 4g | B. 5kg 3g |
| | | | C. 4kg 3g | D. 45kg 100g |
12. A rectangular mat measures 48cm by 36cm. What is the area of the mat in cm^2 ?
- A. 1728cm^2 B. 84cm^2 C. 224cm^2 D. 121727cm^2
13. A class has 38 learners. Each learner was given 16 books. Round off each number to the nearest tens and multiply to estimate the number of books given out.
- A. 608 B. 610 C. 800 D. 300
14. During tree planting day, 439 people took part in planting trees in a county. If each person planted 22 seedlings, how many seedlings were planted altogether?
- A. 461 B. 1756
C. 878 D. 9658

21. The diagram below represents the football pitch in St. Peter's primary school. Work out its perimeter in metres.



- A. 2176m
B. 200m
C. 180m
D. 100m

22. The diagram below shows a square grid drawn by Juma. Find the area of the shaded part in square units.



- A. 49 square units
B. 30 square units
C. 36 square units
D. 24 square units

23. Paul divided 6m 90cm pole into 3 pieces. What was the length of each piece?

- A. 3m 87cm
B. 3m 45cm
C. 18m 270cm
D. 2m 30cm

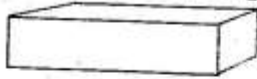
24. The length of a swimming pool is 2.5m. What is its length in centimetres?

- A. 2500cm
B. 25cm
C. 250cm
D. 0.25cm

25. Joshua bought 267kg of rice. He sold 182kg. How many kilograms of rice were left?

- A. 85kg
B. 125kg
C. 449kg
D. 349kg

26. Peter drew the figure below and asked his friend to name it. It is called



- A. cube
B. rectangle
C. cuboid
D. square

27. Work out the volume of the figure below.



- A. 96
B. 100
C. 80
D. 90

28. A school tank had 8534 litres of water. Grade 4 learners used 5816 litres to clean the classrooms. How many litres of water remained in the tank?

- A. 14350L
B. 2718L
C. 3322L
D. 3728L

29. Jane stayed at her grandmother's home for 29 days during December holiday. How many hours were these?

- A. 290hrs
B. 346hrs
C. 696hrs
D. 203hrs

30. Identify the shape drawn below.



- A. Circle
B. Triangle
C. Square
D. Oval

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