

|  |  |
| --- | --- |
| **ANGELWINGS COMPREHENSIVE COLLEGE, MAROKO, PW, KUBWA, ABUJA** | |
| **THIRD TERM MIDTERM EXAMINATION 2024/2025 ACADEMIC SESSION** | |
| **SUBJECT: Math** | **CLASS: YEAR FOUR** |

1. Area is the amount of space \_ a shape (a) outside (b) inside (c) around (d) next to

2. Area is measured in \_ units (a) linear (b) cubic (c) square (d) circular

3. Which of these is a unit of area? (a) cm (b) m (c) km (d) cm²

4. A piece of paper might have an area of 100\_ (a) cm (b) cm² (c) m (d) m²

5. A room might have an area of 20\_ (a) cm² (b) km² (c) m² (d) m

6. The formula for the area of a rectangle is Length \_ Breadth (a) plus (b) minus (c) times (d) divided by

7. The area of a rectangle with length 5cm and breadth 3cm is \_ cm² (a) 8 (b) 15 (c) 2 (d) 25

8. A square with side 4cm has an area of \_ cm² (a) 8 (b) 16 (c) 4 (d) 12

9. What is the area of a rectangle with length 8cm and breadth 3cm? (a) 11cm² (b) 24cm² (c) 5cm² (d) 38cm²

10. A rectangle has length 7cm and breadth 4cm. Its area is \_ cm² (a) 11 (b) 28 (c) 3 (d) 49

11. The area of a square with side 5cm is \_ cm² (a) 10 (b) 20 (c) 25 (d) 5

12. If the area of a rectangle is 48cm² and its length is 6cm, its breadth is \_ cm (a) 6 (b) 8 (c) 42 (d) 54

13. A rectangle has an area of 12cm² and a breadth of 2cm. Its length is \_ cm (a) 10 (b) 14 (c) 6 (d) 24

14. To find the breadth of a rectangle, you \_ the area by the length (a) add (b) subtract (c) multiply (d) divide

15. What is the area of a rectangle with length 6m and breadth 22m? (a) 28m² (b) 132m² (c) 16m² (d) 122m²

16. If the area of a square is 121cm², its side length is \_ cm (a) 10 (b) 11 (c) 12 (d) 13

17. The side of a square with an area of 9cm² is \_ cm (a) 3 (b) 4 (c) 81 (d) 9

18. To find the side of a square when only the area is given, you work out the \_ root of the area (a) cube (b) square (c) fourth (d) linear

19. What is the side length of a square with an area of 64cm²? (a) 6cm (b) 7cm (c) 8cm (d) 9cm

20. To find the area of an irregular shape, you first \_ it into regular shapes (a) multiply (b) divide (c) subtract (d) add

21. An irregular shape is divided into two rectangles with areas 10cm² and 3cm². The total area is \_ cm² (a) 7 (b) 13 (c) 30 (d) 103

22. If an irregular shape is made of three rectangles with areas 20cm², 16cm², and 16cm², its total area is \_ cm² (a) 32 (b) 42 (c) 52 (d) 62

23. An irregular shape is made of a 4×4 square and a 1×1 square. Its total area is \_ cm² (a) 16 (b) 17 (c) 18 (d) 20

24. The formula for the area of a circle is \_ (a) 2πr (b) πr² (c) πd (d) πd²

25. In the formula for the area of a circle, 'r' stands for \_ (a) diameter (b) radius (c) circumference (d) length

26. The unit used to measure very large areas like countries is the \_ (a) cm² (b) m² (c) km² (d) mm²

27. One acre is equal to \_ m² (a) 1000 (b) 4000 (c) 10000 (d) 100

28. One hectare is equal to \_ m² (a) 4000 (b) 10000 (c) 100000 (d) 100

29. One square kilometre is equal to \_ hectares (a) 10 (b) 100 (c) 1000 (d) 10000

30. How many acres are in 2 hectares? (a) 2½ (b) 4 (c) 5 (d) 10

31. If a field is 12000m², how many acres is it? (a) 1 (b) 2 (c) 3 (d) 4

32. A kitchen wall is 300cm by 200cm. Its area is \_ cm² (a) 500 (b) 600 (c) 6000 (d) 60000

33. How many acres are there in 5 hectares? (a) 2½ (b) 5 (c) 10 (d) 12½

34. The standard unit of measuring capacity is the \_ (a) gram (b) meter (c) litre (d) second

35. How many millilitres are in 1 litre? (a) 10 (b) 100 (c) 1000 (d) 10000

36. Convert 2000ml to litres (a) 20l (b) 2l (c) 0.2l (d) 200l

37. Convert 6 litres to centilitres (a) 60cl (b) 600cl (c) 6000cl (d) 0.6cl

38. A drum contains 12.58 litres and another has 15.71 litres. The total capacity is \_ litres (a) 28.29 (b) 3.13 (c) 27.29 (d) 28.00

39. Three cars each hold 40 litres of fuel. How much fuel do they hold in total? (a) 40l (b) 80l (c) 120l (d) 160l

40. 36 litres of milk is shared among 4 pupils. Each pupil gets \_ litres (a) 4 (b) 6 (c) 9 (d) 12

Section B

1. What is the standard unit for measuring area? \_\_\_\_\_\_\_\_\_

2. What is the standard unit for measuring capacity? \_\_\_\_\_\_\_\_\_

3. What is the name of the instrument used to give accurate directions? \_\_\_\_\_\_\_\_\_

4. How many equal faces does a cube have? \_\_\_\_\_\_\_\_\_

5. What is the common endpoint where two line segments meet to form an angle called? \_\_\_\_\_\_\_\_\_

Section C

1. List three units used for measuring area.

2. Name the four main cardinal points.

3. Describe the key difference between a cube and a cuboid in terms of their edges.

4. What are the three main activities involved in statistics?

5. Name three types of angles based on their size relative to a right angle.