

**FREEDOM EXAMS
MATHEMATICS
3RD TERM EXAMINATION 2021. BASIC 5**

**(SECTION A)
Answer all question**

1. Each angle in a square or rectangle measures _____
a. 180° b. 90° c. 45°
2. Diagonals of rectangle and squares divides the shape into _____ parts
a. Two parts b. two c. three parts
3. A quadrilateral with two pairs of parallel sides is called _____
a. Rhombus b. trapezoid c. parallelogram
4. Which of these quadrilateral has exactly one pair of parallel side being its base _____
a. Rectangle b. parallelogram c. trapezoid
5. The total distance around the outside of a shape is _____
a. Area b. volume c. perimeter
6. A rectangle box has length 12cm and breadth 4cm. find the perimeter of the box
a. 16 cm b. 48cm c. 32cm
7. Given that the length of square is 7cm. calculate the area of the square.
a. 49cm. b. 49cm^2 c. 14cm^2
8. Mr. Amankwaa poured a drink from a 1500cm^3 bottle into a liter bottle. How many liters will he drink cover?
a. 150l b. 15l c. 1.5l
9. Angles that measures more than 90° but less 180° is called _____
a. Right angle b. obtuse angle c. reflex angle
10. Converting 14.5liters to centimeters is equal to _____
a. 14500cm^3 b. 1450000cm^3 c. 1450^3
11. A rectangle measuring 6cm by 7cm. what is the area and perimeter?
a. A= 42cm and P= 26cm b. A= 56cm and P= 78cm c. A= 16cm and P= 14cm

12. A square with side 25cm. what is the area and perimeter?
 a. A= 100cm and P= 47cm b. A= 62cm and P= 100cm c. A= 45 and P= 65
13. A rectangle measuring 13m. what is the area and perimeter?
 a. 169cm and 32cm b. 155cm and 76cm c. 87cm and 43cm
14. A milk carton is 1000ml, what is the capacity in liters of the milk carton?
 a. 1.1L b. 1L c. 1,000L
15. A tea pot is 2liters and a pan is 3,500ml. what is the capacity of both the teapot and the pan in milliliters?
 a. 5,500ml b. 35,200l c. 2 and 3.5l
16. Ama was using a 200ml cup to fill a bucket of 1iter. How many cups will fill the bucket?
 a. 5cups b. 20cups c. 200cups
17. What is the angle that is lesser than 90°?
 a. Reflex angle b. obtuse angle c. acute angle
18. The amount of space taken up by an object is called _____
 a. Substance b. volume c. capacity
19. 500ml x 8 will be what in liters? _____
 a. 5liters b. 4litrs c. 8lietrs
20. A juice box is 200ml and a milk carton is 1,000ml. what is the deference in capacity between the juice box and the milk carton?
 a. 800ml b. 1,200mls c. 700ml

(SECTION B)

Answer number one (1) and any other three (3) questions

1. A water tank is a rectangular prism that is 11 meters long, 9 meters wide and 6 meters high. A solid metal box 4 meters long, 3 meters wide and 5 meters' high is sitting inside the tank. The tank is filled with water.
 a. Calculate the volume of the water the water tank.
 b. Calculate the volume of the solid metal.
 c. What is the volume of the water in the tank?

2. Adwoa wants to build a wooden box, she started with a width of 3 cm, a height of 3 cm and a length of 5 cm. what will be the volume of adwoa's box?

3. A cuboid is 9 cm long, 5cm broad and 4 cm high and cube has an edge of 5cm. which one has greater volume?

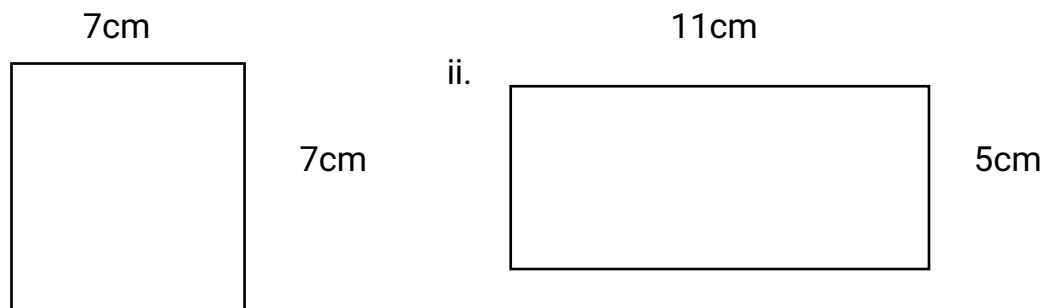
4. Find the volume of a cube whose edge is:

5cm

4cm

6cm

5.



Calculate the area and perimeter of both shape i and ii.

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