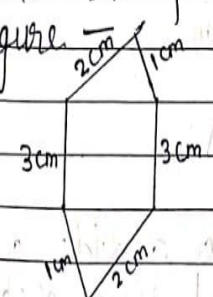


23/06/2023

Area and Perimeters.

- Que. ① Find the circumference of a circle whose diameter is 12 cm.
- Que. ② The area of a plot is  $600 \text{ m}^2$  if the ratio of its length and breadth is 12:5 then find the length of its diagonals.
- ③ Find the diagonal of a rectangle whose sides are 12 metres and 5 m.
- ④ Area of a rectangle is 12 sq cm and length is 4 cm find the breadth.
- ⑤ If the area of a rectangular garden of 5 m breadth is  $300 \text{ m}^2$  then what will be the length?
- ⑥ Find the perimeter of the following figure
- 
- ⑦ Find the length of a rectangular playground in cm whose area is  $700 \text{ m}^2$  and Breadth is 25 m

- ⑧ The side of a square room is 12 m. Find the cost of carpeting the room at the rate of ₹ 5 per  $\text{m}^2$ .
- ⑨ The radius of a wheel is 35 cm. How much distance will it travel in 100 revolutions?
- ⑩ How many stones of  $0.50 \text{ m}^2$  can be fixed in a courtyard of length 15 m and 100 m breadth?
- ⑪ The side of a square is 8 m. The same square is dividing into 4 parts of equal square. Find the area of each small part.
- ⑫ Find the area of shaded region:-



- ⑬ Find the value of a side of an equilateral triangle whose area is  $4\sqrt{3} \text{ cm}^2$ .
- ⑭ Area of Rhombus of diagonal 8 cm and 4 cm is

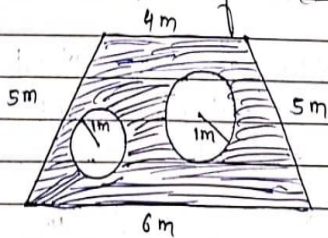
(15) A Rectangular path of 60m length and 3m width is covered by square tiles of side 25cm. Find the number of tiles used to make this path.

(16) Find the cost of fencing a square park of side 1300m at the rate of ₹ 20 per metre.

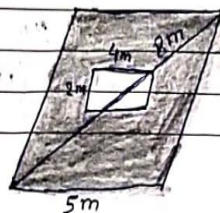
(17) Find the length of a square whose diagonals is 32.

(18) What is the area of a square field 196 m<sup>2</sup> what is the length of the diagonals?

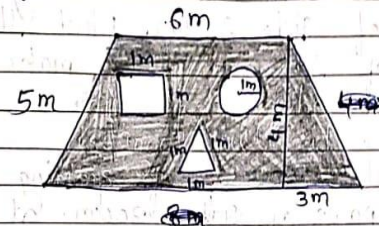
(19) Find the area of shaded figure



(20) Find the area of shaded figure which is a rhombus having a parallelogram insides it.



Q. (21) Find the area of unshaded Figure part -

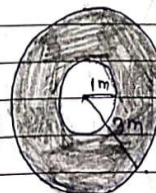


(22) The area of a rectangular part is 768 m<sup>2</sup> if the breadth of the part is 24m. find the length -

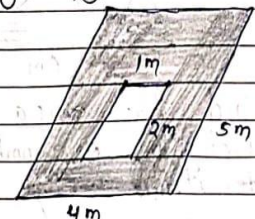
(23) Find the breadth of a rectangle whose length and area are 14.2 cm and 90.88 cm<sup>2</sup> respectively.

(24) What is the side of a square having perimeter 96.84cm.

(25) Find the area of shaded parts in the following figures.



(i)



(ii)