



INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2021-2022)

TOPIC: PERIMETER, AREA AND VOLUME

WORKSHEET

RESOURCE PERSON: Ms. Reenas.S

NAME: _____ CLASS: V SEC: _____ DATE: _____

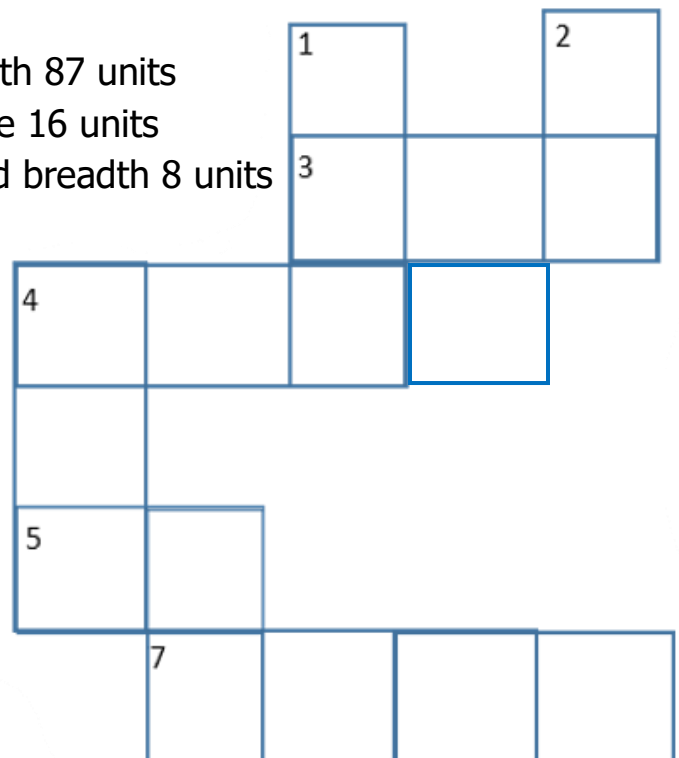
1) Solve the crossword puzzle by finding perimeter for the clues given in Down and area for the clues given in across (Note: Units can be ignored for filling answers)

Down

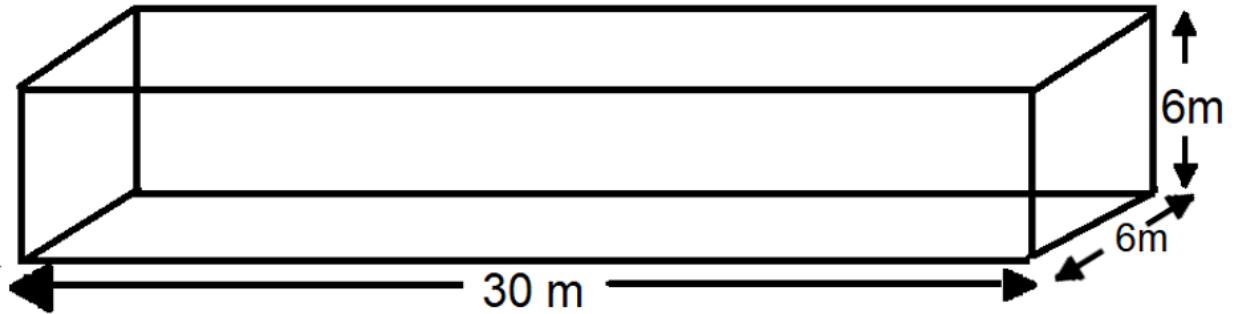
1. Square of side 31 units
2. Rectangle of length 11.5 and breadth 10 units
4. A rectangle of length 38 units and breadth 34 units

Across

4. Rectangle of length 12 units and breadth 87 units
- 3.7 more than the area of a square of side 16 units
5. Area of rectangles of length 6 units and breadth 8 units
7. Area of a square of side 80 units



2) Find the volume of the following solid



Blank area for the solution to question 2.

3) If the length of the side of a square is 11cm. Then find its area and also find the total length of its boundary

Blank area for the solution to question 3.

4) Asmi drew a beautiful painting of her favorite cartoon character. Find the perimeter of the picture.

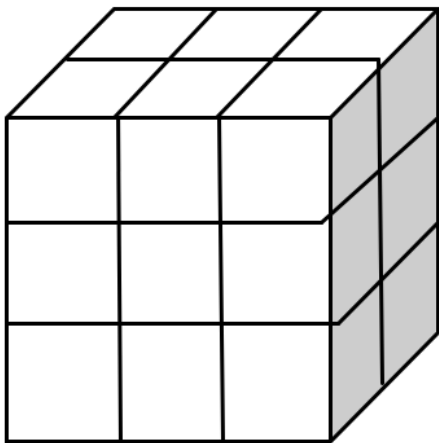


45 cm

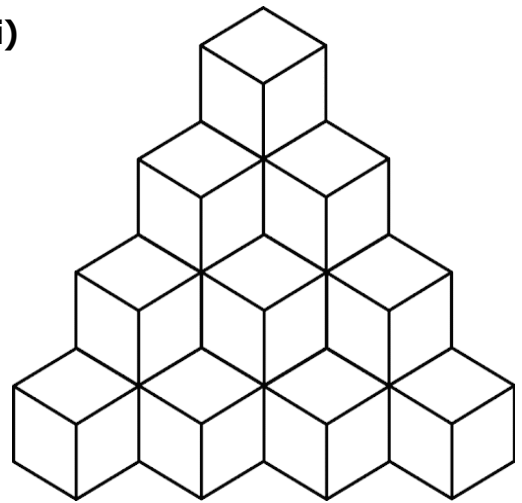
25 cm

5) Find the volume of the solid by counting by the 1cm cubes

i)



ii)



6) Rihanna Walked twice around the rectangular field of length 120 m and breadth 75 m. what is the distance she walks every day?

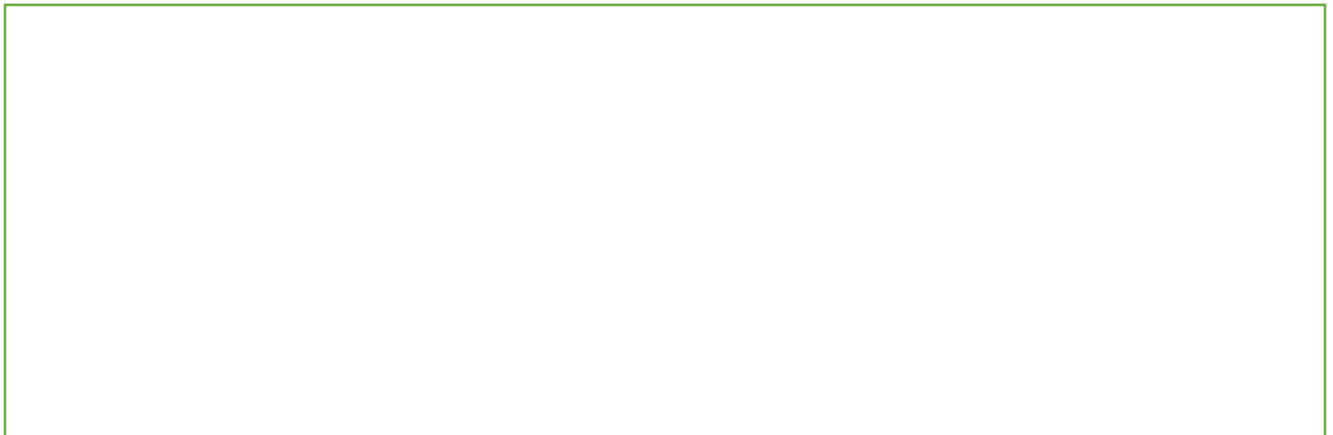
7) Raunak painted two walls of a room of length 7m and breadth 4 m each. Find the area of the walls he painted.

8)What will be the area of the bed of length 4.7 m and breadth 3.2m?

9) Abdul wants to put floor tiles in his bedroom. How many square tiles of side 40 cm are needed for a room of length 16 m and breadth 10 m?



10) Find the volume of a gold pendant in cu. cm? when dropped in a measuring cylinder with 100 ml of water.





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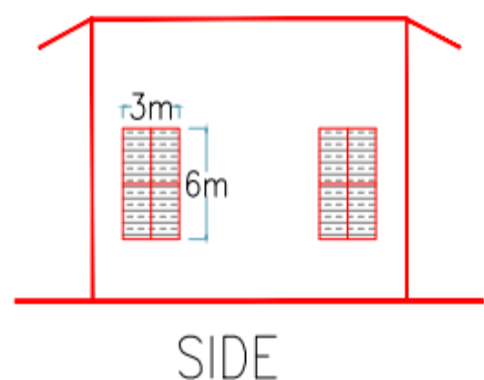
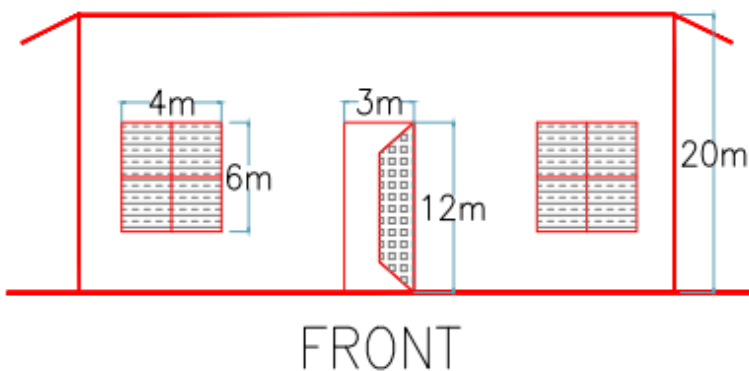
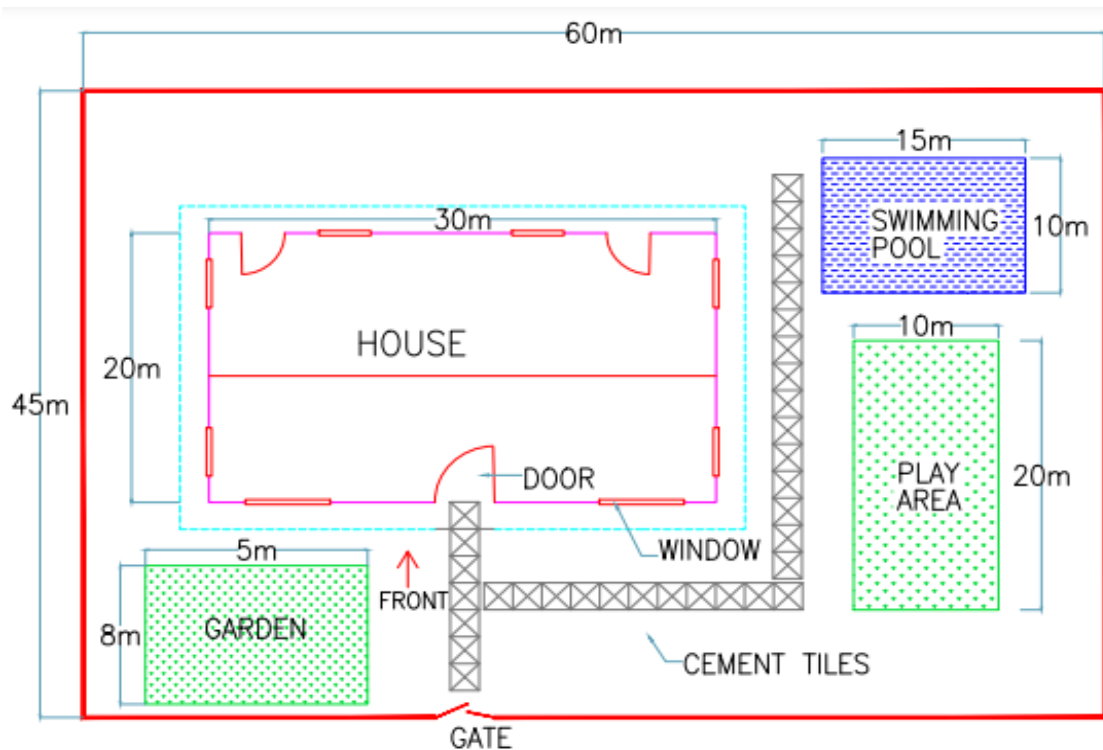
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ACTIVITY WORKSHEET

RESOURCE PERSON: MS. REENAS SHAIKH

NAME: _____ CLASS: V SEC: _____ DATE: _____

- I. Rahul wants to build a house. Help him in calculating the areas, perimeter, and volume by answering the questions below, with the help of drawings provided below.



Answer the following: -

- 1) The area of playground is _____ sq.m
- 2) In total _____ meter of fence required to build around the plot.
- 3) If the height of the swimming pool is 2 m, the volume of the water in the pool is _____ cu.m
- 4) The total area covered by the Garden is 40 _____.
- 5) The total built-up area of the house is _____sq.m
- 6) The total area of the windows in the front elevation is _____sq.m
- 7) The perimeter of the door is _____ m

I. Build the house model using the dimensions as mentioned in the plan and elevation above.

Note: – Model scale: 1 meter = 1 centimeter.

