

Mensuration: Worksheet -1

1. There are two pathways of width 2 m. one running parallel to the length and the another parallel to the breadth of a rectangular plot $30 \text{ m} \times 20 \text{ m}$. The total area of the pathways is _____
2. There is a rectangular plot. A building $24 \text{ m} \times 18 \text{ m}$. is constructed in it leaving a space of 6 m. width all round it. Area of the space left is (in sq.m) _____
3. A uniform path of width w is laid around and outside a square field of sides. The area of the path is _____
4. The floor of a room is a square of side 's' and its height is h . The area of four walls in square units is _____
5. If the perimeter of the floor of a room is p and its height is h , then total area of the four walls is _____
6. The total area of four walls of a room of dimensions $8\text{m} \times 6\text{m} \times 5\text{m}$ is _____ (in sq.m)
7. The length and breadth of the floor of the room is 5 m and 4 m and the total area of the four walls is 54 sq.m The height of the room is _____
8. The length and breadth of a rectangular plot are ' l ' and b . Two rectangular paths each of width w run inside the plot one parallel to the length and other parallel to the breadth. The total area of the paths is _____
9. The area of a path d units wide running around and outside a square plot is M sq.units. The side of plot is _____

