13. SURFACE AREAS AND VOLUMES
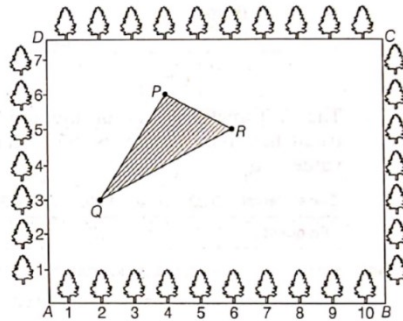
1. The class X students of a secondary school in Krishinagar have been allotted a rectangular plot of land for this gardening activity.

Sapling of Gulmohor are planted on the boundary at a distance of 1 m from each other. There is a triangular grassy lawn in the plot as shown in above figure. The students are to show seeds of flowering plants on the remaining area of the plot. Then, taking A as origin, find the area of the triangle in this case.

2. Rain water harvesting is a technique of collection and storage of rain water into natural reservoirs or tanks. One method of rain water harvesting is rooftop harvesting. For this residency of a city made overhead tank of shape as given below

If there are 100 people in the city, calculate how many litres of water does they harvested?

ANSWERS

1.   2. 4851 L