(4) area of verandah

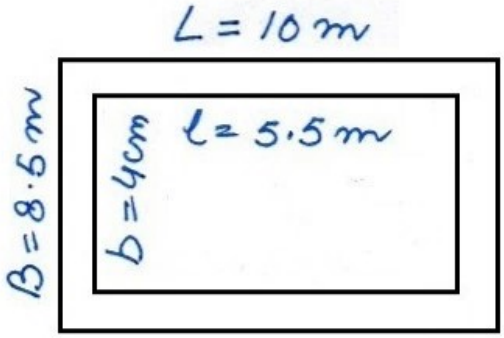
= outer area − inner area

= $LB - lb$

= $10 \times 8.5 - 5.5 \times 4$

= $85 - 22$

= $63\ m^2$




cost of cementing its floor = $200 \times 63$

= Rs 12600

(5) area of path

= outer area − inner area

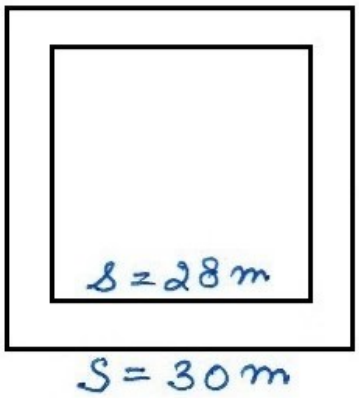
= $S^2 - s^2$

= $30^2 - 28^2$

= $(30 - 28)(30 + 28)$

= $2 \times 58$

= $116\ m^2$




area of remaining portion = $s^2$

= $28 \times 28$

= $784\ m^2$

cost of planting grass = $40 \times 784$

= Rs 31360