

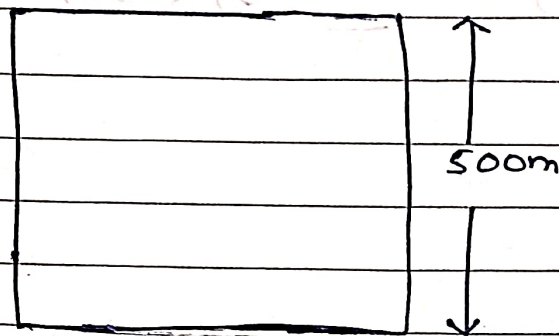
Case Study

RWS-8

Page :

Date : / /

Bablu has bought a land, it is a square plot with length 500m. He bought the land for ₹5,00,000. He sold it for ₹7,00,600 to Surabhi. Surabhi wants to fence it with metal wire. Cost of the metal wire is ₹25 per metre. The plot is divided into 2500 small plots.



- a) Find the area of the plot given above.
- a) $2,50,000\text{m}^2$ b) $25,000\text{m}^2$
- b) Did Bablu incur loss or earn profit in the transaction?
- a) Loss b) Profit.
- c) What is his loss or profit amount?
- a) ₹2,00,600 b) ₹20,000
- d) What is the area of each small plot?
- a) 200m^2 b) 100m^2

e) What is the length of the wire needed to fence it?

a) 2 km

b) 20,000 m

f) What is the cost of fencing it?

a) ₹ 50,000

b) ₹ 35,000