Mensuration I Ex 20.1 Q1

Answer :

We have,

(i) Length = 5.5 m, Breadth = 2.4 m

Therefore,

Area of rectangle = Length x Breadth

= 5.5 m x 2.4 m

= 13.2 m^2

(ii) Length = 180 cm = 1.8 m, Breadth = 150 cm = 1.5 m [Since 100 cm = 1 m]

Therefore,

Area of rectangle = Length x Breadth

= 1.8 m x 1.5 m

= 2.7 m^2

Mensuration I Ex 20.1 Q2

Answer :

We have,

(i) Side of the square = 2.6 cm

Therefore, area of the square = $(Side)^2$

= $(2.6\ cm)^2 = 6.76\ cm^2$

(ii) Side of the square = 1.2 dm = 1.2 x 10 cm = 12 cm [Since 1 dm = 10 cm]

Therefore, area of the square = $(Side)^2$

= $(12\ cm)^2 = 144\ cm^2$

Mensuration I Ex 20.1 Q3

Answer :

We have,

Side of the square = 16.5 dam = 16.5 x 10 m = 165 m [Since 1 dam = 10 m]

Area of the square = $(Side)^2 = (165\ m)^2$

= 27225 m^2

********** END **********