Mensuration I Ex 20.3 Q1

Answer :

We have,

Base = 8 cm and altitude = 4.5 cm

Thus,

Area of the parallelogram = Base x Altitude

= 8 cm x 4.5 cm

= 36 cm^2

Mensuration I Ex 20.3 Q2

Answer :

We have,

(i) Base = 15 dm = (15 x 10) cm = 150 cm = 1.5 m [Since 100 cm = 1 m]

Altitude = 6.4 dm = (6.4 x 10) cm = 64 cm = 0.64 m

Thus,

Area of the parallelogram = Base x Altitude

= 1.5 m x 0.64 m

= 0.96 m^2

(ii) Base = 1 m 40 cm = 1.4 m [Since 100 cm = 1 m]

Altitude = 60 cm = 0.6 m

Thus,

Area of the parallelogram = Base x Altitude

= 1.4 m x 0.6 m

= 0.84 m^2

Mensuration I Ex 20.3 Q3

Answer :

We have,

Area of the given parallelogram = 54 dm^2

Base of the given parallelogram = 12 dm

$\therefore$ Altitude of the given parallelogram = $\frac{\text{Area}}{\text{Base}} = \frac{54}{12}\ \text{dm} = 4.5\ \text{dm}$

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