Solution

1.   a) Given,

Length = 90 m

Area = 3600 Sq. m

We know,

Width = Area ÷ Length

= (3600 ÷ 90) m

= 40 m

Ans: 40 m.

b) If the length of the field is increased by 2m then,

Length = (90 + 2) m = 92 m

From 'a' we get, width = 40 m

We know,

Area = Length × width

= (92 × 40) Sq. m.

= 3680 Sq. m.

Ans: 3680 Sq. m.

2.   a) In 1 minute Mahin can walk = 20 m

∴ " 25   "   "   "   "   = (20 × 25) m

= 500 m

∴ The distance from Mahin's house to school = 500 m

Ans: 500 m.

b) From 'a' we get,

The distance from Mahin's house to school = 500 m

Now,

Mahin can walk 25m in 1 minute

∴Mahin can walk 500m in (500 ÷ 25) minutes

= 20 minutes

Ans: 20 minutes.

c) From 'a' we get,

The distance from Mahin's house to school

= 500 m

= (500 ÷ 1000) km [∵1m = $\dfrac{1}{1000}$ km]

= 0.5 km

Ans : 0.5 km.

3. a) 9000 mm

b) 56 Taka.

c) 1000000 cm^2

d) 99305 mm

e) 2952 centigram.

f) 1000 times

g) 10000 m^2

h) Litre.

i) 0. 12458 quintal