QUESTION **1**   Write each of the following scales in the ratio form.

a   1 mm to 1 m

b   1 cm to 1 m

c   1 cm to 100 m

d   10 cm to 1 km

e   4 mm to 1 m

f   5 cm to 1 m

g   1 mm to 20 m

h   20 cm to 1 m

i   1 mm to 6 m

QUESTION **2**   Using a scale of 1 : 100 what length is represented by

a   1 cm

b   3 cm

c   5 cm

d   8 mm

e   6 mm

f   12 cm

QUESTION **3**   Using a scale of 1 : 1000 what is the real length represented by the following.

a   8 mm

b   5 cm

c   6 m

d   9.5 cm

e   8.3 m

f   63.25 m

QUESTION **4**   The distance between two points in real life is given. What will be the distance between
these points on a scale drawing with a scale of 1 cm to 100 m?

a   500 m

b   400 m

c   1260 m

d   80 m

e   3000 m

f   2835 m

QUESTION **5**   A drawing of a block of land along with the proposed building has been drawn using
a scale of 1 : 500. Measure the plan and answer the questions using metres.

a   How wide is the block of land? _____

b   How deep is the block of land? _____

c   Find the area of the block of
land in square metres. _____

d   How far is the proposed building
from the southern boundary? _____

e   Find the area of the proposed
building in square metres. _____

N

↑

Proposed building

Area I   Area II

Scale 1 : 500