

Solutions – Scale Drawings (A)

A model uses the scale 1 : 200. The real length is 10 m. Find the model length in cm.

5 cm

A model uses the scale 1 : 50. The model length is 6 cm. Find the real length in m.

3 m

A model uses the scale 1 : 500. The real length is 24 m. Find the model length in cm.

4 cm

A model uses the scale 1 : 750. The model length is 10 cm. Find the real length in m.

75 m

A model object is 3 cm long. The real object is 9 m long. Find the scale in the form 1 : n .

1 : 300

A building is 57 m tall. A model uses the scale 1 : 200. Find the height of the model in cm.

28 cm

Solutions – Scale Drawings (B)

A model uses the scale 1 : 250. The model length is 6 cm. Find the real length in m.

15 m

A building is 13 m tall. A model uses the scale 1 : 200. Find the height of the model in cm.

6 cm

A model uses the scale 1 : 250. The real length is 24 m. Find the model length in cm.

9 cm

A model uses the scale 1 : 100. The real length is 5 m. Find the model length in cm.

5 cm

A model object is 15 cm long. The real object is 15 m long. Find the scale in the form 1 : n .

1 : 100

A model uses the scale 1 : 100. The model length is 9 cm. Find the real length in m.

9 m

Solutions – Scale Drawings (C)

A model uses the scale 1 : 100. The real length is 12 m. Find the model length in cm.

12 cm

A model object is 10 cm long. The real object is 5 m long. Find the scale in the form 1 : n .

1 : 50

A model uses the scale 1 : 750. The model length is 10 cm. Find the real length in m.

75 m

A building is 32 m tall. A model uses the scale 1 : 100. Find the height of the model in cm.

32 cm

A model uses the scale 1 : 100. The model length is 7 cm. Find the real length in m.

7 m

A model uses the scale 1 : 250. The real length is 12 m. Find the model length in cm.

4 cm

Solutions – Scale Drawings (D)

A model uses the scale 1 : 750. The model length is 5 cm. Find the real length in m.

37.5 m

A model object is 12 cm long. The real object is 36 m long. Find the scale in the form 1 : n .

1 : 300

A model uses the scale 1 : 250. The real length is 29 m. Find the model length in cm.

11 cm

A model uses the scale 1 : 100. The model length is 10 cm. Find the real length in m.

10 m

A model uses the scale 1 : 100. The real length is 17 m. Find the model length in cm.

17 cm

A building is 15 m tall. A model uses the scale 1 : 500. Find the height of the model in cm.

3 cm

Solutions – Scale Drawings (E)

A model uses the scale 1 : 200. The real length is 8 m. Find the model length in cm.

4 cm

A model uses the scale 1 : 50. The model length is 2 cm. Find the real length in m.

1 m

A model object is 3 cm long. The real object is 6 m long. Find the scale in the form 1 : n .

1 : 200

A model uses the scale 1 : 250. The real length is 17 m. Find the model length in cm.

6 cm

A model uses the scale 1 : 500. The model length is 9 cm. Find the real length in m.

45 m

A building is 78 m tall. A model uses the scale 1 : 500. Find the height of the model in cm.

15 cm

Solutions – Scale Drawings (F)

A model uses the scale 1 : 500. The real length is 36 m. Find the model length in cm.

7 cm

A model object is 8 cm long. The real object is 4 m long. Find the scale in the form 1 : n .

1 : 50

A model uses the scale 1 : 50. The real length is 17 m. Find the model length in cm.

34 cm

A building is 29 m tall. A model uses the scale 1 : 100. Find the height of the model in cm.

29 cm

A model uses the scale 1 : 50. The model length is 10 cm. Find the real length in m.

5 m

A model uses the scale 1 : 500. The model length is 4 cm. Find the real length in m.

20 m

Solutions – Scale Drawings (G)

A model uses the scale 1 : 500. The real length is 40 m. Find the model length in cm.

8 cm

A model uses the scale 1 : 200. The real length is 13 m. Find the model length in cm.

6 cm

A building is 25 m tall. A model uses the scale 1 : 100. Find the height of the model in cm.

25 cm

A model uses the scale 1 : 750. The model length is 4 cm. Find the real length in m.

30 m

A model object is 7 cm long. The real object is 3.5 m long. Find the scale in the form 1 : n .

1 : 50

A model uses the scale 1 : 100. The model length is 7 cm. Find the real length in m.

7 m

Solutions – Scale Drawings (H)

A model uses the scale 1 : 100. The model length is 4 cm. Find the real length in m.

4 m

A model uses the scale 1 : 250. The real length is 22 m. Find the model length in cm.

8 cm

A model uses the scale 1 : 50. The real length is 13 m. Find the model length in cm.

26 cm

A model uses the scale 1 : 250. The model length is 7 cm. Find the real length in m.

17.5 m

A model object is 7 cm long. The real object is 14 m long. Find the scale in the form 1 : n .

1 : 200

A building is 51 m tall. A model uses the scale 1 : 200. Find the height of the model in cm.

25 cm

Solutions – Scale Drawings (I)

A model uses the scale 1 : 500. The model length is 10 cm. Find the real length in m.

50 m

A model object is 11 cm long. The real object is 11 m long. Find the scale in the form 1 : n .

1 : 100

A model uses the scale 1 : 500. The real length is 30 m. Find the model length in cm.

6 cm

A model uses the scale 1 : 100. The real length is 2 m. Find the model length in cm.

2 cm

A building is 44 m tall. A model uses the scale 1 : 100. Find the height of the model in cm.

44 cm

A model uses the scale 1 : 200. The model length is 9 cm. Find the real length in m.

18 m

Solutions – Scale Drawings (J)

A model object is 15 cm long. The real object is 30 m long. Find the scale in the form $1 : n$.

1 : 200

A model uses the scale $1 : 100$. The model length is 10 cm. Find the real length in m.

10 m

A model uses the scale $1 : 250$. The real length is 29 m. Find the model length in cm.

11 cm

A model uses the scale $1 : 50$. The real length is 16 m. Find the model length in cm.

32 cm

A building is 18 m tall. A model uses the scale $1 : 500$. Find the height of the model in cm.

3 cm

A model uses the scale $1 : 250$. The model length is 8 cm. Find the real length in m.

20 m