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Exercise 16 (A)

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1. Express in m, dm, cm and mm

a. 8.425 m = 8 m 4 dm 2 cm 5 mm

b. 7.75 m = 7 m 7 dm 5 cm

c. 27.078 m = 27 m 0 dm 7 cm 8 mm

d. 52.064 m = 52 m 0 dm 6 cm 4 mm

2. Using decimal express in metres.

a. 8 m 6 dm 5 cm 2 mm = 8.652 m

b. 10 m 8 dm 6 cm 5 mm = 10.865 m

c. 15 m 8 dm 1 cm 9 mm = 15.819 m

d. 1 m 3 dm 7 cm = 1.37 m

3. Express in km, hm, dam and m:

a. 2.355 km = 2 km 3 hm 5 dam 5 m

b. 8.162 km = 8 km 1 hm 6 dam 2 m

c. 30.750 km = 30 km 7 hm 5 dam 0 m

d. 35.250 km = 35 km 2 hm 5 dam.

4. Using decimal express in km.

a. 1 km 1 hm 2 dam 9 m = 1.129 km

b. 7 km 8 hm 2 dam 2 m = 7.8022 km

c. 50 km 8 dam 7 m = 50.087 km

d. 24 km 5 hm 6 m = 24.506 km

Exercise 16 (A)

1. Express in m, dm, cm and mm:

e. 0.6 m = 6 dm

f. 0.009 m = 9 mm

g. 1.050 m = 1 m 5 cm

h. 75.08 m = 75 m 8 cm

2. Using decimal notation express in metres:

e. 7 dm 4 cm 3 mm = 0.743 m

f. 8 cm = 0.080 m

g. 9 mm = 0.009 m

h. 4 m 5 mm = 4.005 m

3. Express in km, hm, dam and m:

e. 48.878 km = 48 km 8 hm 7 dam 8 m

f. 7.075 km = 7 km 7 dam 5 mm

g. 1.005 km = 1 km 5 m

h. 9.003 km = 9 km 3m

4. Using decimal notation express in km:

e. 6 km 5 m = 0.605 km

f. 5 dam 2m = 0.052 km

g. 1 km 5 m = 1.005 km

h. 2 km 8 dam = 2.08 km