

CW
10/12/21

Ex - 16(A)

1. Express in m, dm, cm and mm

a) $8.425 \text{ m} = 8 \text{ m } 4 \text{ decimeter } 2 \text{ cm } 5 \text{ mm.}$

b) $7.75 \text{ m} = 7 \text{ m } 7 \text{ decimeter } 5 \text{ cm.}$

c) $27 \text{ m } 7 \text{ cm } 8 \text{ mm}$

d) $52.064 \text{ m} = 52 \text{ m } 6 \text{ cm } 4 \text{ mm}$

e) $0.6 \text{ m} = 6 \text{ dm}$

f) ~~0.009~~ $0.009 \text{ m} = 9 \text{ mm}$

g) $1.050 \text{ m} = 1 \text{ m } 5 \text{ cm}$

h) $75.08 \text{ m} = 75 \text{ m } 8 \text{ cm}$

2) Using decimal notation express in metres

a) $8 \text{ m } 6 \text{ dm } 5 \text{ cm } 2 \text{ mm} = \underline{8.652}$

b) $10 \text{ m } 8 \text{ dm } 6 \text{ cm } 5 \text{ mm} = \underline{10.865}$

c) 30.715m 8dm 7cm 9mm 15.819

d) 1m 3dm 7cm $1\text{m}37$

e) 7dm 4cm 3mm 0.743

f) 8cm - 0.08

g) 9mm - 0.009

h) 4m 5mm - 4.005

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

a) 2.355km - 2km , 3hm , 5dam 5m

b) 8.162km = 8km , 1hm , 6dam , 2m

c) 30.750km - 30km 7hm 5dam ~~5m~~

d) 35.250km = 35km 2hm 5dam

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

f) 7.075km - 7km 7dam 5m

g) $1.005 \text{ km} - 1 \text{ km } 5 \text{ m}$

h) $9.003 \text{ km} - 9 \text{ km } 3 \text{ m}$

4) Using decimal notation express in km

a) $7 \text{ km } 7 \text{ hm } 2 \text{ dam } 9 \text{ m} - \underline{1.129}$

b) $7 \text{ km } 8 \text{ hm } 2 \text{ dam } 2 \text{ m} - \underline{7.822}$

c) ~~30.750 km~~ $50 \text{ km } 8 \text{ dam } 7 \text{ m} - \underline{50.087}$

d) $24 \text{ km } 5 \text{ hm } 6 \text{ m} - \underline{24.506}$

e) $6 \text{ mm } 5 \text{ m} - \underline{0.605}$

f) $5 \text{ dam } 2 \text{ m} - \underline{0.052}$

g) $1 \text{ km } 5 \text{ m} = 1.005$

h) $2 \text{ km } 8 \text{ dam } 2.08$