

11.12.21
HCB

EX(16-A)

Date _____
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1. Express in m, dm, cm, & mm

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

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

c. $27.078\text{ m} = 27\text{ m } 7\text{ cm } 8\text{ mm}$

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

2. Using decimal notation express in metres

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

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

c) $15\text{ m } 8\text{ dm } 1\text{ cm } 9\text{ mm} = 15.819\text{ m}$

d) $1\text{ m } 3\text{ dm } 7\text{ cm} = 1.37\text{ m}$

e) $7\text{ dm } 4\text{ cm } 3\text{ mm} = 0.743\text{ m}$

f) $8\text{ cm} = .8\text{ m}$

g) $9\text{ mm} = .9\text{ cm}$

h) $4\text{m } 5\text{mm} = 4.5\text{m}$

3. Express in km, hm, dam and m

a) $2.355\text{ km} = 2\text{ km } 3\text{ hm } 5\text{ dam } 5\text{ m}$

b) $8.163\text{ km} = 8\text{ km } 1\text{ hm } 6\text{ dam } 3\text{ m}$

c) $30.750\text{ km} = 30\text{ km } 7\text{ hm } 5\text{ dam } 0\text{ m}$

d) $35.250\text{ km} = 35\text{ km } 2\text{ hm } 5\text{ dam } 0\text{ m}$

e) $48.878\text{ km} = 48\text{ km } 8\text{ hm } 7\text{ dam } 8\text{ m}$

f) $7.075\text{ km} = 7\text{ km } 0\text{ hm } 7\text{ dam } 5\text{ m}$

g) $1.005\text{ km} = 1\text{ km } 0\text{ hm } 0\text{ dam } 5\text{ m}$

h) $9.003\text{ km} = 9\text{ km } 0\text{ hm } 0\text{ dam } 3\text{ m}$

4. using decimal notation express in km

a) $1\text{ km } 1\text{ hm } 3\text{ dam } 9\text{ m} = 1.139\text{ km}$

b) $7\text{ km } 8\text{ hm } 3\text{ dam } 3\text{ m} = 7.833\text{ km}$

$$c) 50 \text{ km } 8 \text{ dam } 7 \text{ m} = 50.087 \text{ km}$$

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

$$e) 6 \text{ hm } 5 \text{ m} = 0.605 \text{ km}$$

$$f) 5 \text{ dam } 2 \text{ m} = 0.052 \text{ km}$$

$$g) 1 \text{ km } 5 = 1.0005 \text{ km}$$

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