

## Ex 16.A

1 Express in m, dm, ~~cm~~ cm and mm

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

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

c.  $27.078\text{m} = 27\text{m } 0\text{dm } 7\text{cm } 8\text{mm}$

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

2 Using decimal 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.  $1\text{m } 3\text{dm } 7\text{cm} = 1.37\text{m}$

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.  $8.162 \text{ km} = 8 \text{ km } 1 \text{ hm } 6 \text{ dam } 2 \text{ m}$

c.  $30.750 \text{ km} = 30 \text{ km } 7 \text{ hm } 5 \text{ dam}$

d.  $35.250 \text{ km} = 35 \text{ km } 2 \text{ hm } 5 \text{ dam}$

4 Using decimal express in km

a.  $1 \text{ km } 1 \text{ hm } 2 \text{ dam } 9 \text{ m} = 1.129$

b.  $7 \text{ km } 8 \text{ hm } 2 \text{ dam } 2 \text{ m} = 7.822$

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

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

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### Ex 16.A

5 Express in kg, hg, dag and g

a.  $3.127 \text{ kg} = 3 \text{ kg } 1 \text{ hg } 2 \text{ dag } 7 \text{ g}$

b.  $16.485 \text{ kg} = 16 \text{ kg } 4 \text{ hg } 8 \text{ dag } 5 \text{ g}$

c.  $0.758 \text{ kg} = 7 \text{ hg } 5 \text{ dag } 8 \text{ g}$

d.  $0.48 \text{ kg} = 4 \text{ hg } 8 \text{ dag}$

6 Using decimal express in kg

a.  $2 \text{ kg } 2 \text{ hg } 7 \text{ dag } 2 \text{ g} = 2.272 \text{ kg}$

b.  $5 \text{ kg } 5 \text{ hg } 1 \text{ dag } 5 \text{ g} = 5.515 \text{ kg}$

c.  $7 \text{ kg } 2 \text{ hg } 2 \text{ dag } 7 \text{ g} = 7.027 \text{ kg}$

d.  $5 \text{ hg } 3 \text{ g} = 0.503 \text{ kg}$

7 Express in gm, dg, cg and md mg

a.  $3.164\text{g} = 3\text{gm } 1\text{dg } 6\text{cg } 4\text{mg}$

b.  $5.250\text{g} = 5\text{gm } 2\text{dg } 5\text{cm}$

c.  $0.5\text{g} = 5\text{dg}$

d.  $0.985\text{g} = 9\text{dg } 8\text{cg } 5\text{mg}$

8. Using decimal express in grams

a.  $6\text{g } 7\text{dg } 2\text{mg} = 6.702$

b.  $2\text{g } 2\text{dg } 7\text{cg } 1\text{mg} = 2.271$

c.  $5\text{dg } 7\text{cg } 2\text{mg} = 0.572$

d.  $6\text{cg } 6\text{mg} = 0.066$