

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) $0.756 \text{ kg} = 7 \text{ hg } 5 \text{ dag } 6 \text{ g}$

d) $0.45 \text{ kg} = 4 \text{ hg } 5 \text{ dag}$

e) $6.5 \text{ kg} = 6 \text{ kg } 5 \text{ hg}$

f) $1.25 = 1 \text{ kg } 2 \text{ hg } 5 \text{ dag}$

g) $250.04 = 250 \text{ kg } 4 \text{ dag}$

h) $0.008 \text{ kg} = 0 \text{ kg } , 0 \text{ hg } , 0 \text{ dag } , 8 \text{ g}$

6) Using the decimal notation 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) $7 \text{ kg } 2 \text{ dag } 7 \text{ g} = 7.027 \text{ kg}$

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

e) $10 \text{ kg } 6 \text{ hg } 5 \text{ dag} = 10.65 \text{ kg}$

f) $6 \text{ hg } 4 \text{ dag } 2 \text{ g} = 0.642 \text{ kg}$

g) $6 \text{ kg } 5 \text{ g} = 6.005 \text{ kg}$

h) $9 \text{ hg } 6 \text{ dag} = 0.906 \text{ kg}$

7) Express in gm, dg, cg, mg:

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

b) ~~0.155~~ $5.750\text{g} = 5\text{gm}, 7\text{dg}, 5\text{cg}, 0\text{mg}$

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

d) $0.185\text{g} = 1\text{dg}, 8\text{cg}, 5\text{mg}$

e) $17.06\text{g} = 17\text{g}, 6\text{cg}$

f) $0.75\text{g} = 7\text{dg}, 5\text{cg}$

g) $9.009\text{g} = 9\text{g}, 9\text{mg}$

h) $0.008\text{g} = 8\text{mg}$

16 (A)

Ex) Using decimal notation express in grams.

a) $6\text{g } 7\text{dg } 2\text{mg} = 6.702\text{g}$ g) $8\text{cg} = 0.08\text{g}$

b) $2\text{g } 2\text{dg } 7\text{cg } 1\text{mg} = 2.271\text{g}$ h) $5\text{dg} = 0.5\text{g}$

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

d) $6\text{cg } 6\text{mg} = 0.066\text{g}$

e) $7\text{mg} = 0.007\text{g}$

f) $9\text{mg} = 0.009\text{g}$