

## Exercise 16 B

1 Express in Decimal and then add

a.  $2 \text{ km } 6 \text{ hm } 4 \text{ dam } 2 \text{ m} + 8 \text{ km } 8 \text{ dam} : 10$   
 $10 \text{ km } 6 \text{ hm } 2 \text{ dam } 8 \text{ m}$

$$\begin{array}{r} 2.642 \\ + 8.880 \\ \hline 10.628 \\ \hline 21.350 \end{array}$$

b.  $6 \text{ m } 7 \text{ dm } 2 \text{ cm } 5 \text{ mm} : 8 \text{ m } 8 \text{ dm } 6 \text{ cm } 6 \text{ mm} : 10 \text{ m } 5 \text{ mm}$

$$\begin{array}{r} 0.6725 \\ + 0.8866 \\ + 0.0015 \\ \hline 1.5606 \text{ km} \end{array}$$

c.  $6 \text{ kg } 7 \text{ hg } 5 \text{ dag } 6 \text{ g} : 8 \text{ hg } 7 \text{ g} : 4 \text{ kg } 2 \text{ hg } 2 \text{ g} : 10 \text{ kg}$

$$\begin{array}{r} 6.756 \\ 0.807 \\ 4.202 \\ + 10.000 \\ \hline 21.765 \end{array}$$

2. Express in  $\text{D}^{\text{th}}$  Decimal and then subtract

a. 25 km 625 from 50 km 50 m

$$\begin{array}{r}
 50.050 \\
 - 25.625 \\
 \hline
 24.425
 \end{array}$$

b. 12 kg 80 g 66 kg 725 g from 92 kg 6 hg 8 g

$$\begin{array}{r}
 12.808 \\
 - 66.725 \\
 \hline
 98.883
 \end{array}$$

c. 125 kL 615L from 145 kL 220L

$$\begin{array}{r}
 145.220 \\
 - 125.615 \\
 \hline
 19.605 \text{ ans } 19.605 \text{ kL}
 \end{array}$$

3. Express in decimal and then multiply

a) 7 km 2 hm 7 dam 5 m by 48

$$\begin{array}{r}
 7275 \\
 \times 48 \\
 \hline
 58200 \\
 29100 \\
 \hline
 349200
 \end{array}$$

$$\begin{array}{r}
 7275 \\
 \times 48 \\
 \hline
 58200 \\
 29100 \\
 \hline
 349200
 \end{array}$$

b. 25 kg 620g by 27

25.620  
x 27  
179340  
51240  
691740

0.646

†

c. 6 hm 4 dm 6 m by 72

x 72  
12822  
4522  
46.512

~~1256789~~ 516dL7

Dd) 5L 6DL 7CL 4ML +  
8L 8DL 5CL 1ML +  
7L 4DL 4CL 6ML =

5.674  
8.851  
7.446  
21.971

e) 10KL 8L +  
5KL 4HL 6dal 5L +  
6 HL 2 DAL 9L =

10.008  
5.465  
+ 0.629  
16.102

g) 5kg 6dg 8cg 4mg:  
15g 7mg  
6dg 5mg  
8g 7cg 2mg

5.684  
15.007  
6.005  
8.072  
34.768

2.d) 58L 6dl 5cl -  
74L 2dl 4cl

$$\begin{array}{r} 74.240 \\ - 58.650 \\ \hline 15.590 \end{array}$$

e. 100m 75cm from  
212m 20cm

$$\begin{array}{r} 212.20 \\ - 100.75 \\ \hline 111.45 \end{array}$$

3.d) 38 Kg 516g by 32

~~38~~ 38.516

X                      36

231.096

115.548