

16.12.21
Thursday

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Exercise - 16 (B)

1. Express in decimal and then add.

a. 2 km 6 hm 4 dam 2 m : 8 km 8 dam : 10 km
6 hm 2 dam 8 m

2.642

8.080

10.628

21.350

Ans - 21.350 km

b. 6 m 7 dm 2 cm 5 mm : 8 m 8 dm 6 cm
6 mm : 10 m 5 mm

6.725

8.866

10.005

25.596

Ans - 25.596 m

c. 6 kg 7 hg 5 dag 6 g : 8 hg 7 g : 4 kg 2 hg
2 g : 10 kg

$$\begin{array}{r}
 6.756 \\
 0.807 \\
 4.202 \\
 \hline
 10.000 \\
 21.765
 \end{array}
 \quad \text{Ans - } 21.765 \text{ kg}$$

d. 5 L 6 dL 7 cl 4 mL ; 8 L 8 dL 5 cl 1 mL ;
7 L 4 dL 4 cl 6 mL

$$\begin{array}{r}
 5.674 \\
 8.851 \\
 7.446 \\
 \hline
 20.971
 \end{array}
 \quad \text{Ans - } 20.971 \text{ L}$$

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Exercise - 16(B)

1. Express in decimal notation and the add:

e) 10 KL 8 L : 5 KL 4 hL 6 daL 5 L : 6 hL
2 daL 9 L

10.008

5.465

Ans - 16.102 KL

0.629

16.102

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

5.684

15.007

0.605

Ans - 29.368g

8.072

29.368

2. Express in decimal and then subtract

a. 25 km 625 m from 50 km 50 m

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

Ans - 24.425 km

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

$$\begin{array}{r}
 92.608 \\
 - 66.725 \\
 \hline
 25.883
 \end{array}$$

Ans - 25.883 kg

c. 125 KL 615 L from 145 L 220 L

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

Ans - 19.605 KL

d) 58 L 6 dL 5 cL from 74 L 2 dL 4 cL

$$\begin{array}{r} \overset{6}{7} \overset{13}{4} \overset{11}{.} \overset{14}{2} 4 \\ - 58.65 \\ \hline 15.59 \end{array} \quad \text{Ans} - 15.59 \text{ L}$$

e) 110 m 75 cm from 212 m 20 cm

$$\begin{array}{r} \overset{1}{2} \overset{11}{1} \overset{10}{0} \\ 212.20 \\ - 110.75 \\ \hline 101.45 \end{array} \quad \text{Ans} - 101.45 \text{ m}$$

3. Express in decimal and then multiply

a. 7 km 2 hm 7 dam, ^{5m} by 48

$$\begin{array}{r}
 7.275 \\
 \times \quad 48 \\
 \hline
 58200 \\
 291000 \\
 \hline
 349200
 \end{array}$$

Ans - 349.2 km

b. 25 kg 620 g by 27

$$\begin{array}{r}
 25.620 \\
 \times \quad 27 \\
 \hline
 179340 \\
 512400 \\
 \hline
 691740
 \end{array}$$

Ans - 691.740 kg

c. 6 hm 4 dam 6 m by 72

$$\begin{array}{r}
 0.646 \\
 \times \quad 72 \\
 \hline
 1292 \\
 45220 \\
 \hline
 46512
 \end{array}$$

Ans - 46 km 512 m

d. 38 kg 516 g by 32 [Answer in kg, hg, dag]

$$\begin{array}{r} 38.516 \\ \times 32 \\ \hline 77032 \\ 115548 \times \\ \hline 1232512 \end{array}$$

Ans - 1232 kg 512 g = 1232 kg 5 hg 1 dag 2g