

3. d) 38 kg 516g by 32

~~38~~ 38.516

x 36

231.096

115.548

4. Express 346.644

b) 4m 4dm 6cm 4mm by 54

ans ~~49.464 = 49464/1000~~

~~x 1/64 = 49464/64000~~

~~= 0.772875~~

d) ~~3831~~

916

49.464 = 49464/1000

x 1/54 = 0.916

9. Express in decimal notation and then divide

a) 591 kg 3 hg 3 dag 6 g by 68

591.736 ÷ 68 = ~~591.736~~ 0.8702

~~591.736~~ / 1000 × 1/68 = ~~0.8702~~ 0.8702

c) 936 kL 312 L by 39

~~936.312~~ 936.312 = ~~936.312~~

936312/1000 × 1/39 =

936312/39000 = 24008 L

d) 3831 m 24 cm by 84
4561
 $3831.024 = 383124/100$
 $\times 1/84 = 4561/100 =$
45.61 = 45 m 61 cm

e) 35 km 5 hm 1 dam 1 m
by 57
623
 $35.511 = 35511/1000$
 $1/57 = 1/1 = 0.623$

f) 2 kL 6 hL 4 dal 9 L 9 DL
2 cl by 52
5096
 $2.64992 = 264992/100000$
 $52/1 = 1/52 = 0.05096$

5 a) Subtract 39.56 kg from 100 kg :-

$$\begin{array}{r} 100.00 \\ - 39.56 \\ \hline 60.44 \end{array}$$

b) By how much 25.36 m is more than 15.85 m?

$$\begin{array}{r} 25.36 \\ - 15.85 \\ \hline 9.51 \end{array}$$

c) By how much is the sum of 27.35 kL and 50.83 kL less than the sum of 100 kL and 16.32 kL?

$$\begin{array}{r} 83.68 \\ - 23.48 \\ \hline 60.20 \end{array}$$

$$\begin{array}{r} 50.83 \\ + 27.35 \\ \hline 78.18 \end{array}$$

$$\begin{array}{r} 100.00 \\ + 16.32 \\ \hline 116.32 \\ - 78.18 \\ \hline 38.14 \end{array}$$

6. $9 \times 925 = 8325$
 $\times 125$
 $\hline 4625$

$1850 \div 12.25$
 925
 $\hline 175.625 \text{ kg}$

7. $4.224 = 4224 \times 1/1000$
 $4224 / 96000 = 0.044$
 $0.044 \text{ km} = 44 \text{ m}$

8. $25 \overline{)175} \mid 7000 \text{ ml}$
 $\underline{175}$
 0