

Ch4: Long and Short

Division

Date:23/7/21

Maths Copy 2

1)

Divide 78m 48cm by 12.

$$\begin{array}{r} 6\text{m } 54\text{cm} \\ 12 \overline{) 78\text{m } 48\text{cm}} \\ \underline{-72} \downarrow \\ \times 6 \downarrow \\ \underline{-60} \downarrow \\ \times 48 \\ \underline{-48} \\ \times \times \end{array}$$

Ans) $78\text{m } 48\text{cm} \div 12 = 6\text{m } 54\text{cm}$

2)

Divide 70 km 105 m by 5.

$$\begin{array}{r} 14 \text{ Km } 021 \text{ m} \\ 5 \overline{) 70 \text{ Km } 105 \text{ m}} \\ \underline{-5} \downarrow \quad \downarrow \quad \downarrow \\ 20 \quad \downarrow \quad \downarrow \\ \underline{-20} \downarrow \quad \downarrow \\ \times \times 10 \quad \downarrow \\ \underline{-10} \downarrow \\ \times \times 5 \\ \underline{-5} \\ \times \end{array}$$

Ans) $70 \text{ Km } 105 \text{ m} \div 5 = 14 \text{ km } 021 \text{ m}.$

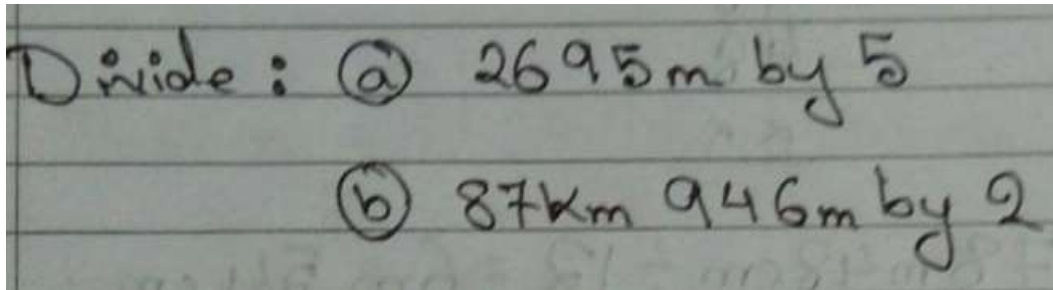
3) Divide 78621m by 3. Convert the answer into Km and m.

$$\begin{array}{r} 26207m \\ 3 \overline{) 78621m} \\ \underline{-6} \\ 18 \\ \underline{-18} \\ \times \times 6 \\ \\ \underline{-6} \\ \times \times 2 \\ \\ \underline{-0} \\ \\ \\ \underline{21} \\ \\ \underline{-21} \\ \times \times \end{array}$$

$$\begin{aligned} 26207m &= 26207 \div 1000 \text{ Km} \\ &= 26 \text{ Km } 207m \text{ (Ans)} \end{aligned}$$

$$\begin{array}{r} 26 \rightarrow \text{Km} \\ 1000 \overline{) 26207} \\ \underline{-2000} \\ \times 6207 \\ \underline{-6000} \\ \times 207 \rightarrow m \end{array}$$

WS55



c)273m by 3

d)5688m by 12

e)2086m by 2 .Convert the answer into Km and m.

WS55(CHECK YOUR ANSWER)

a) Divide 2695m by 5

$$\begin{array}{r} \cancel{5} \overline{) \cancel{2}695m} \\ - \cancel{25} \downarrow \\ \hline \times 60 \end{array}$$
$$\begin{array}{r} 539m \\ \overline{) 2695m} \\ - 25 \downarrow \\ \hline \times 19 \\ - 15 \downarrow \\ \hline \times 45 \\ - 45 \\ \hline \times \times \end{array}$$

Ans) $2695m \div 5 = 539m$

$$b) 87\text{km } 946\text{m} \div 2$$

$$\begin{array}{r} 43\text{km } 973\text{m} \\ 2 \overline{) 87\text{km } 946\text{m}} \\ \underline{- 8} \downarrow \\ \times 7 \\ \underline{- 6} \downarrow \\ 19 \\ \underline{- 18} \downarrow \\ \times 14 \\ \underline{- 14} \downarrow \\ \times \times 6 \\ \underline{- 6} \\ \times \end{array}$$

$$\text{Ans) } 87\text{km } 946\text{m} \div 2 = 43\text{km } 973\text{m}$$

c) $273m$ by 3

$$\begin{array}{r} 091m \\ 3 \overline{) 273m} \\ \underline{-0} \downarrow \\ 27 \\ \underline{-27} \downarrow \\ \times \times 3 \\ \underline{-3} \\ \times \end{array}$$

Ans) $273m \div 3 = 091m$

d) 5688 m by 12.

$$\begin{array}{r} 474 \text{ m} \\ 12 \overline{) 5688 \text{ m}} \\ \underline{-48} \downarrow \\ \times 88 \\ \underline{-88} \downarrow \\ \times 48 \\ \underline{-48} \\ \times \times \end{array}$$

Ans) 474 m

e) \cdot 2086 m by 2. Convert the answer into km and m.

$$\begin{array}{r} 1043 \text{ m} \\ 2 \overline{) 2086 \text{ m}} \\ \underline{-20} \\ \times 0 \\ \underline{-00} \\ \times 8 \\ \underline{-80} \\ \times 6 \\ \underline{-60} \\ \times \end{array}$$

$$\begin{aligned} 1043 \text{ m} &= 1043 \div 1000 \text{ km} \\ &= 1 \text{ km } 43 \text{ m (Ans)} \end{aligned}$$

$$\begin{array}{r} 1000 \overline{) 1043} \\ \underline{-1000} \\ \times 43 \rightarrow \text{m} \end{array}$$



THANK YOU