

CH4: LONG AND SHORT

Multiplication

Date:22/7/21

Maths copy 2

1) Multiply 5 Km 999 m by 7.

$$\begin{array}{r} \text{Km} \qquad \qquad \text{m} \\ \textcircled{6} \quad \times \quad \textcircled{6} \quad \textcircled{6} \\ \quad 5 \qquad \quad 999 \\ \qquad \qquad \qquad \times 7 \\ \hline 41 \text{ Km } 993 \text{ m} \end{array}$$

2) Find the product of 789m and 12. Also convert the answer in km and m.

$$\begin{array}{r} \textcircled{1} \quad \textcircled{1} \\ 789 \text{ m} \\ \times 12 \\ \hline 1578 \\ +7890 \\ \hline 9468 \text{ m} \end{array}$$

$$\begin{aligned} 9468 \text{ m} &= 9468 \div 1000 \text{ km} \\ &= 9 \text{ km } 468 \text{ m} \end{aligned}$$

$$\begin{array}{r} 9 \rightarrow \text{km} \\ 1000 \overline{) 9468} \\ \underline{-9000} \\ 468 \rightarrow \text{m} \end{array}$$

WS 54

Solve :-

1) Multiply 27cm 5mm by 13.

2) Find product of 86cm by 29. Convert the answer in m and cm.

3) Find the product of 2km506m20cm by 9.

4) Multiply 107m by 22. Convert the answer in km and m.

2)

$$\begin{array}{r} \textcircled{1} \\ \textcircled{5} \\ 86 \text{ cm} \\ \times 29 \\ \hline \textcircled{1} 774 \\ 172 \times \\ \hline 2494 \text{ cm} \end{array}$$

$$2494 \text{ cm} = 2494 \div 100 \text{ m}$$

$$= 24 \text{ m } 94 \text{ cm}.$$

$$\begin{array}{r} 24 \rightarrow \text{m} \\ 100 \overline{) 2494} \\ \underline{- 200} \downarrow \\ \times 494 \\ \underline{- 400} \\ \times 94 \rightarrow \text{cm} \end{array}$$

Ans) $24 \text{ m } 94 \text{ cm}.$

3) Find the product of 2Km 506m 20cm by 9.

Km m cm

$$\begin{array}{r} \textcircled{4} \quad \quad \textcircled{5} \textcircled{1} \\ 2 \quad \quad 506 \quad \quad 20 \\ \times 9 \\ \hline \end{array}$$

22Km 555m 80cm

Ans) 22Km 555m 80cm

4) Multiply 107m by 22. Convert the answers in Km and m.

$$\begin{array}{r} \textcircled{1} \\ 107\text{m} \\ \times 22 \\ \hline 214 \\ + 2140 \\ \hline 2354\text{m} \end{array}$$

$$\begin{aligned} 2354\text{m} &= 2354 \div 1000\text{ Km} \\ &= 2\text{ Km } 354\text{m} \end{aligned}$$

$$\begin{array}{r} 2 \rightarrow \text{Km} \\ \hline 1000 \overline{) 2354} \\ \underline{- 2000} \\ \hline \times 354 \rightarrow \text{m} \end{array}$$

THANK YOU