



Exercise 3D

$$(x) 0.076 \div 0.19 = \frac{0.076}{0.19} = \frac{0.076 \times 100}{0.19 \times 100} = \frac{7.6}{19}$$

Now, we have:

$$\begin{array}{r} 19 \overline{) 7.6} (0.4 \\ \underline{-0} \\ 76 \\ \underline{-76} \\ \times \\ \therefore \frac{0.076}{0.19} = \frac{7.6}{19} = 0.4 \end{array}$$

$$(xi) 48 \div 0.074$$

$$\begin{aligned} &= \frac{48}{0.074} \\ &= \frac{48 \times 1000}{0.074 \times 1000} \\ &= \frac{48000}{74} \\ &= 2 \times 1000 \\ &= 2000 \end{aligned}$$

$$(xii) 16.578 \div 5.4 = \frac{16.578}{5.4} = \frac{16.578 \times 10}{5.4 \times 10} = \frac{165.78}{54}$$

Now, we have:

$$\begin{array}{r} 54 \overline{) 165.78} (3.07 \\ \underline{-162} \\ 37 \\ \underline{-0} \\ 378 \\ \underline{-378} \\ \times \\ \therefore \frac{16.578}{5.4} = \frac{165.78}{54} = 3.07 \end{array}$$

$$(xiii) 28 \div 0.56$$

$$\begin{aligned}
 &= \frac{28}{0.56} \\
 &= \frac{28 \times 100}{0.56 \times 100} \\
 &= \frac{2800}{56} \\
 &= \frac{1 \times 100}{2} \\
 &= 50
 \end{aligned}$$

$$(xv) 3 \div 80 = \frac{3}{80}$$

Now, we have:

$$\begin{array}{r}
 0.0375 \\
 80 \overline{) 30000} \quad \leftarrow \text{four zero annexed} \\
 \underline{-0} \\
 30 \\
 \underline{-0} \\
 300 \\
 \underline{-240} \\
 600 \\
 \underline{-560} \\
 400 \\
 \underline{-400} \\
 \times \\
 \therefore \frac{3}{80} = 0.0375
 \end{array}$$

Q9

Answer :

Cloth required for 1 shirt = 1.8 m

***** END *****