

STD. V

Ex-5.12

A. Put the decimal point in the correct place in the given quotients.

1. $13.5 \div 5 = 2.7$

2. $1.53 \div 3 = 0.51$

3. $21.14 \div 7 = 3.02$

4. $0.24 \div 4 = 0.06$

B. Divide the following:-

1. $5.8 \div 2$

$$\begin{array}{r} 2 \overline{) 5.8} \mid 2.9 \\ \underline{-4} \\ 18 \\ \underline{18} \\ 0 \end{array}$$

Ans. The required quotient is 2.9

2. $435.6 \div 6$

$$\begin{array}{r} 6 \overline{) 435.6} \mid 72.6 \\ \underline{42} \\ 15 \\ \underline{-12} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

Ans. The required quotient is 72.6

7. $2.72 \div 8$

$$\begin{array}{r} 8 \overline{) 2.72} \mid 0.34 \\ \underline{-0} \\ 27 \\ \underline{-24} \\ 32 \\ \underline{-32} \\ 0 \end{array}$$

Ans. The required quotient is 0.34

C Divide until you get the remainder zero

1. $32.4 \div 5$

$$\begin{array}{r} 5 \overline{) 32.4} \mid 6.48 \\ \underline{30} \\ 24 \\ \underline{-20} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

Ans. The required remainder is zero and the quotient is 6.48.

2. $2.1 \div 4$

$$\begin{array}{r} 4 \overline{) 2.1} \mid 0.525 \\ \underline{0} \\ 21 \\ \underline{-20} \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

Ans. The required remainder is zero and the quotient is 0.525.

3. $9.03 \div 6$

$$\begin{array}{r} 6 \overline{) 9.03} \mid 1.505 \\ \underline{6} \\ 30 \\ \underline{30} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

Ans. The required remainder is zero and the quotient is 1.505.

2. Solve these word problems.

1. Weight of apples to be shared = 4.8 kg

Number of children = 8

Weight of apples each child got = $4.8 \text{ kg} \div 8$
= 0.6 kg

~~Ans 0.6 kg~~

Ans. Each child got 0.6 kg apples.

$$\begin{array}{r} 8 \overline{) 4.8} \mid 0.6 \\ \underline{48} \\ 0 \end{array}$$

2. Amount of money paid for 5 notebooks = ₹144.25

Cost of each notebook = $₹144.25 \div 5$

$$\begin{array}{r} 5 \overline{) 144.25} \mid 28.85 \\ \underline{10} \\ 44 \\ \underline{40} \\ 42 \\ \underline{40} \\ 25 \\ \underline{25} \\ 0 \end{array}$$

So $₹144.25 \div 5 = ₹28.85$

Ans. The cost of each notebook is ₹28.85

3. Distance covered in 5 rounds = 4.5 km

Distance covered in 1 round = $4.5 \text{ km} \div 5$
= 0.9 km

$$\begin{array}{r} 5 \overline{) 4.5} \mid 0.9 \\ \underline{45} \\ 0 \end{array}$$

= 900 m

Ans. He covers 0.9 km in one round.