

Tender Heart High School, Sec-33B, Chandigarh

Class - V

Date - 21.10.2024

Subject - Mathematics

Teacher: - Ms. Sushma

Ch-5 Decimals

Ex 5.12

A. Find the product.

1. $1.63 \times 10 = 16.3$

2. $7.638 \times 100 = 763.8$

3. $5.942 \times 1000 = 5942$

B. Fill in the blanks:-

1. $12.1 \times \underline{10} = 121$

2. $0.09 \times \underline{100} = 9$

3. $1.75 \times \underline{1000} = 1750$

Ex 5.13

Q1. The thickness _____ 5 such books?

Soln:- The thickness of a Mathematics book = 4.5 cm

The thickness of 5 mathematics books = 4.5×5
 $\begin{array}{r} 45 \\ \times 5 \\ \hline 225 \end{array}$ = 22.5 cm

$$\begin{array}{r} 45 \\ \times 5 \\ \hline 225 \end{array}$$

Q2. Suraj saves ₹5.25 every week. How much money will he save in 10 weeks?

Soln:- Money saved for every week = ₹5.25
 Money saved for 10 weeks = 5.25×10
 $= ₹52.5$

Q3. A pack of juice holds 0.75 L of juice. How much juice will 22 such packs hold?

Soln:- Juice in a pack = 0.75 L
 Juice in 22 packs = 0.75×22
 $= 16.50 \text{ L}$

$$\begin{array}{r} \textcircled{1} \\ 75 \\ \times 22 \\ \hline 150 \\ 150 \times \\ \hline 1650 \end{array}$$

Ex 1.4.

Q1:- Divide.

1. $5.8 \div 2 = 2.9$

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

2. $435.6 \div 6 = 72.6$

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

3. $4 \overline{) 82.4}$

$$\begin{array}{r} 20.6 \\ 4 \overline{) 82.4} \\ \underline{-8} \downarrow \downarrow \\ 024 \\ \underline{-24} \\ 0 \end{array}$$

C. Divide until you get zero as the remainder.

1. $32.4 \div 5$

$$\begin{array}{r} 6.48 \\ 5 \overline{) 32.40} \\ \underline{-30} \downarrow \\ 24 \\ \underline{-20} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

2. $2.1 \div 4$

$$\begin{array}{r} 0.525 \\ 4 \overline{) 2.10} \\ \underline{20} \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

Ex 5.15

A. Write the quotient.

1. $5.5 \div 10 = 0.55$

2. $14.9 \div 100 = 0.149$

3. $173 \div 1000 = 0.173$

B. Fill in the blanks:-

1. $0.82 \div \underline{10} = 0.082$

2. $3.7 \div \underline{100} = 0.037$

3. $6.6 \div \underline{1000} = 0.0066$

Exercise 5.16.

Solve these story sums.

1. Mrs. Sood distributed 4.8 kg apples equally among 8 children. How many kilograms of apples did each child get?

Soln:- Total amount of apples = 4.8 kg
No. of children = 8

Amount of apples each child get = $4.8 \div 8$
= 0.6 kg.

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

So, Each child will get 0.6 kg. apples

2. Shalini paid ₹ 144.25 for 5 notebooks. What was the cost of each notebook?

Soln:- Cost of 5 notebooks = ₹ 144.25

Cost of 1 notebook = ₹ $144.25 \div 5$

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

So, Cost of 1 notebook is ₹ 28.85.