

TERM FIRST ASSIGNMENT

Date	1
Page No.	

5th Standard

Ex 8.4

Qno1 Add the following

a 2.05, 15.4, 0.76 b. 179.29, 14.69, 72.635

$$\begin{array}{r} 2.05 \\ 15.40 \\ + 0.76 \\ \hline 18.21 \end{array}$$

$$\begin{array}{r} 179.290 \\ 14.690 \\ + 72.635 \\ \hline 266.615 \end{array}$$

c. 162.1, 16.21, 1.621

$$\begin{array}{r} 162.100 \\ 16.210 \\ \hline 1.621 \\ \hline 179.931 \end{array}$$

d and e :
do your self.

Qno2 solve

a 14.35 - 4.13

$$\begin{array}{r} 14.35 \\ - 4.13 \\ \hline 10.22 \end{array}$$

b 42.43 - 9.56

$$\begin{array}{r} 42.43 \\ - 9.56 \\ \hline 32.87 \end{array}$$

c, d and e do your self.

Qno3 What should be added to 15.1 to get 30

$$15.1 + x = 30$$

$$x = 30 - 15.1$$

$$x = 14.9$$

Rough

$$\begin{array}{r} 30.0 \\ 15.1 \\ \hline 14.9 \end{array}$$

Qno4 What should be taken away from 22 to get 14.75?

$$22 - x = 14.75$$

$$-x = 14.75 - 22$$

$$+x = 7.25$$

$$x = 7.25$$

Q5 (Sol) cost of 5 kg of apples = ₹ 220.50
 cost of 5 kg of grapes = ₹ 500.75
 ∴ Total cost = ₹ 721.25

Q6 (Sol) Money spent on dress = ₹ 700.90
 Money spent on footwear = ₹ 250.50
 ∴ Total money spent = ₹ 951.40

Q7 (Sol) Length of a classroom = 65.50 m
 Breadth of a classroom = 40.25 m
 Perimeter = Sum of length and Breadth
 = 65.50
 + 40.25
 105.75 m

Q8, Q9 + Q10 do yourself

Ex 8.5

Q1 Multiply

a $3.6 \times 8 = 28.8$

b
$$\begin{array}{r} 6.65 \times 1.6 \\ \underline{3990} \\ + 665 \times \\ \hline 10.640 \end{array}$$

g.
$$\begin{array}{r} 2.65 \times 3.12 \\ \underline{530} \\ 265 \times \\ + 795 \times \times \\ \hline 8.2680 \end{array}$$

Note: Multiply the numbers as usual. Then find the decimal places in multiplicand and multiplier. Count as many digits in the product from right and put the decimal point.

c, d, e, f, h, i, j, k + l do yourself

Qno 2 Write The product

- a $7.12 \times 10 = 71.20$ b $7.68 \times 100 = 768.00$
 • Decimal point shifts 1 place to the right Decimal point shifts 2 places to the right
 c, d, e + f do your self

Qno 3 Sol. Product of 2.1 and 20.3

$$\begin{array}{r} 2.1 \times 20.3 \\ \hline 63 \\ 42 \times \\ \hline 42.63 \end{array}$$

Qno 4 Sol Cost of 1 Kilogram of resins = ₹ 175.75
 Cost of 17 Kilogram of resins = 175.75×17

$$\begin{array}{r} 175.75 \times 17 \\ \hline 123025 \\ + 17575 \times \\ \hline 2987.75 \end{array}$$

Q5, Q6 do your self

Ex 8.6

Perform the following divisions

- a. $16.8 \div 4$ b. $200.01 \div 3$

$$\begin{array}{r} 4 \overline{) 16.8} \quad | \quad 4.2 \\ \underline{16} \\ 8 \\ \underline{8} \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \overline{) 200.01} \quad | \quad 66.67 \\ \underline{18} \\ 20 \\ \underline{18} \\ 20 \\ \underline{18} \\ 21 \\ \underline{21} \\ 0 \\ \hline \end{array}$$

n $77.33 \div 1.1 \rightarrow$ In this question there is a decimal in the divisor also so we have to convert the divisor into a whole number.

\therefore Multiply 77.33 and 1.1 by 10 to convert 1.1 into a whole number

$$\text{Divisor} \rightarrow 1.1 \times 10 = 11$$

$$\text{Dividend} \rightarrow 77.33 \times 10 = 773.30$$

$$11 \overline{) 773.30} \quad 70.30$$

$$\underline{77}$$

$$3$$

$$\underline{0}$$

$$33$$

$$\underline{33}$$

$$\underline{00}$$

$$\times$$

p $8.005 \div 0.05$

Multiply 8.005 and 0.05 by 100 to convert 0.05 (divisor) into a whole number

$$\text{Divisor} = 0.05 \times 100 = 5.00$$

$$\text{Dividend} = 8.005 \times 100 = 800.500$$

$$5 \overline{) 800.5} \quad 160.1$$

$$\underline{5}$$

$$30$$

$$\underline{30}$$

$$0$$

$$\underline{0}$$

$$5$$

$$\underline{5}$$

$$0$$

$$\underline{0}$$

$$\times$$

Qno 2 Find the quotients

a $7.165 \div 10 = 0.7165$ Decimal point shifts by one place to the left

b $785.16 \div 100 = 7.8516$
 Decimal point shifts by two places to the left

Qno 3 Sol. Cost of 1 metre of cloth = ₹ 46

Amount paid = ₹ 425.50

∴ Length of cloth bought = $425.50 \div 46$

$$\begin{array}{r}
 46 \overline{) 425.50} \quad 9.25 \\
 \underline{414} \\
 115 \\
 \underline{92} \qquad = 9.25 \text{ m} \\
 230 \\
 \underline{230} \\
 \times \\
 \hline
 \end{array}$$

Qno 4 Sol length of string = 72.75 m

Length of one piece = 14.55 m

∴ total number of pieces = $72.75 \div 14.55$

$$72.75 \times 100 = 7275.00$$

$$14.55 \times 100 = 1455.00$$

$$\begin{array}{r}
 1455 \overline{) 7275} \quad 5 \\
 \underline{7275} \\
 \times \\
 \hline
 \end{array} = 5 \text{ pieces}$$

Qno5 Do your self

Qno6 Sol Cost of 75 copies of a book = ₹ 2043.75
Cost of 1 copy of a book = $2043.75 \div 75$

$$\begin{array}{r} 75 \overline{) 2043.75} \quad 27.25 \\ \underline{150} \\ 543 \\ \underline{525} \\ 187 \\ \underline{150} \\ 375 \\ \underline{375} \\ \hline \end{array}$$

Cost of $\frac{1}{2}$ copy of a book.
27.25