

CHAPTER – 8

Decimals

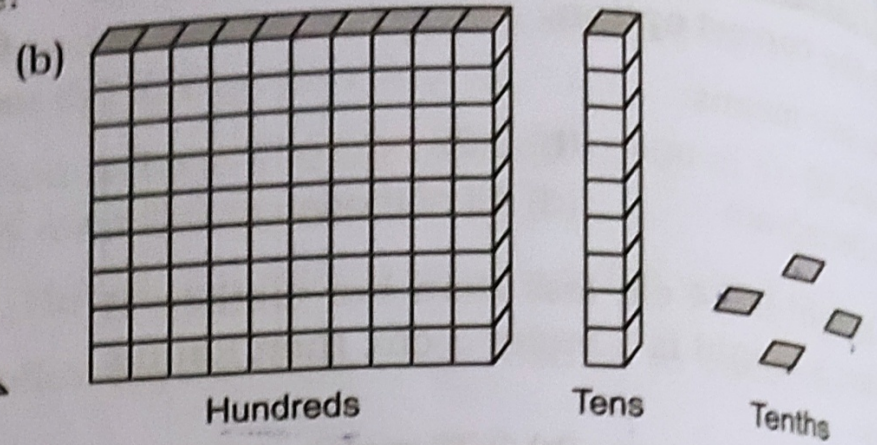
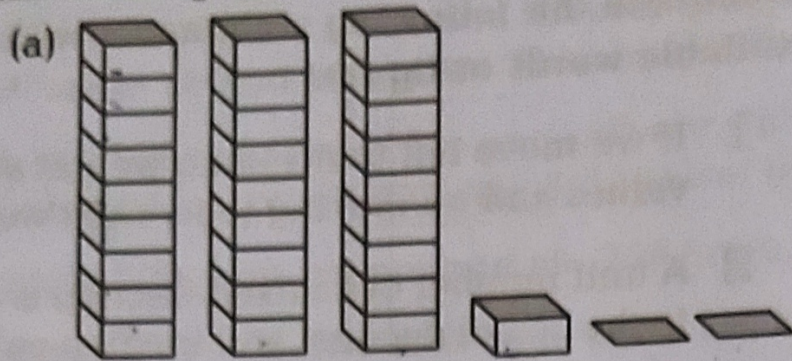
- To understand the parts of one whole (i.e. a unit) we represent a unit by a block. One block divided into 10 equal parts means each part is $\frac{1}{10}$ (one-tenth) of a unit. It can be written as 0.1 in decimal notation. The dot represents the decimal point and it comes between the units place and the tenths place.
- Every fraction with denominator 10 can be written in decimal notation and vice-versa.
- One block divided into 100 equal parts means each part is $\frac{1}{100}$ (one-hundredth) of a unit. It can be written as 0.01 in decimal notation.
- Every fraction with denominator 100 can be written in decimal notation and vice-versa.
- In the place value table, as we go from left to the right, the multiplying factor becomes $\frac{1}{10}$ of the previous factor.
- **Fractions as Decimals:** Fractions can be converted into decimals by writing them in the form with denominators 10, 100 and so on. Example: $\frac{7}{10} = 0.7$
- **Decimals as Fractions:** Decimals can be converted into fractions by removing their decimal points and writing 10, 100, etc. in the denominators, depending upon the number of decimal places in the decimals. Examples: $0.9 = \frac{9}{10}$
- **Addition of Decimals:** Decimals can be added by writing them with equal number of decimal places. Example: add 0.005, 6.5 and 20.04.
Solution: Convert the given decimals as 0.005, 6.500 and 20.040.
 $0.005 + 6.500 + 20.040 = 26.545$
- **Subtraction of Decimals:** Decimals can be subtracted by writing them with equal number of decimal places.
Example: Subtract the given decimals as 5.674 and 12.500
 $12.500 - 5.674 = 6.826$
- **Comparing Decimals:** Decimals numbers can be compared using the idea of place value: Example: 45.32 or 35.69

The given decimals have distinct whole number part, so we compare whole number part only. The whole number part of 45.32 is greater than 35.69. Therefore, $45.32 > 35.69$.

- **Using Decimals:** Many daily life problems can be solved by converting different units of measurements such as money, length, weight, etc. in the decimal form.
- **Money:**
 - 100 paise = 1 Rupee
 - 1 paise = $\frac{1}{100}$ Rupee = 0.01 Rs.
 - 5 paise = $\frac{5}{100}$ Rs. = 0.05 Rs.
 - 105 paise = 1 Rs. + 5 paise = 1.05 Rs.
 - 7 Rs. 8 paise = 7 Rs. + 0.08 Rs = 7.08 Rs.
 - 7 Rs. 80 paise = 7 Rs. + 0.80 Rs. = 7.80 Rs.
- **Length:**
 - 10 mm = 1 cm
 - 1mm = $\frac{1}{10}$ cm = 0.1 cm
 - 100 cm = 1 m
 - 1 cm = $\frac{1}{100}$ m = 0.01 m
 - 1000 m = 1 km
 - 1 m = $\frac{1}{1000}$ km = 0.001 km
- **Weight:**
 - 1000 g = 1 kg
 - 1 g = $\frac{1}{1000}$ kg = 0.001 kg
 - 25 g = $\frac{25}{1000}$ kg = 0.025 kg

Exercise 8.1

1 Write the following as numbers in the given table:



	Hundreds (100)	Tens (10)	Ones (1)	Tenths (1/10)
(a)	0	3	1	0
(b)	1	3	4	0

Chapter - 8

Ex - 8.1

Q1. See in book.

Q2. Write the following decimals in the place value table:-

(a) 19.4

	Hundreds	Tens	ones	Tenths
(a) 19.4	0	1	9	4
(b) 0.3	0	0	0	3
(c) 10.6	0	1	0	6
(d) 205.9	2	0	5	9

Q3. Write each of the following as decimals:-

(a) Seven-tenths $\rightarrow \frac{7}{10} = 0.7$

(b) Two tens and nine tenths $\rightarrow 20 + \frac{9}{10} = 20.9$

(c) Fourteen point six $\rightarrow 14.6$

(d) one hundred and two ones $\rightarrow 100 + 2 = 102$

(e) Six hundred point eight $\rightarrow 600.8$

Q4. Write each of the following as decimals:-

(a) $\frac{5}{10} = 0.5$

(b) $3 + \frac{7}{10} = 3.7$

$$(c) 200 + 60 + 5 + \frac{1}{10} \Rightarrow 265.1$$

$$(d) 70 + \frac{8}{10} \Rightarrow 70.8$$

$$(e) \frac{88}{10} \Rightarrow 8.8$$

$$(f) 4 \frac{2}{10} \Rightarrow \frac{42}{10} = 4.2$$

$$(g) \frac{3}{2} \Rightarrow 1.5$$

$$\begin{array}{r} 1.5 \\ 2 \overline{) 3} \\ \underline{-2} \\ 10 \\ \underline{10} \\ 0 \end{array}$$

$$(h) \frac{2}{5} \Rightarrow 0.4$$

$$\begin{array}{r} .4 \\ 5 \overline{) 20} \\ \underline{-20} \\ \cancel{x} \end{array}$$

$$(i) \frac{12}{5} \Rightarrow 2.4$$

$$\begin{array}{r} 2.4 \\ 5 \overline{) 12} \\ \underline{-10} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$$(j) 3 \frac{3}{5} \Rightarrow \frac{18}{5} \Rightarrow 3.6$$

$$\begin{array}{r} 3.6 \\ 5 \overline{) 18} \\ \underline{-15} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

$$(k) 4 \frac{1}{2} \Rightarrow \frac{9}{2} \Rightarrow 4.5$$

$$\begin{array}{r} 4.5 \\ 2 \overline{) 9} \\ \underline{-8} \\ 10 \end{array}$$

Day 2 Dec 2020

Ex - 8.1

Q. Write the following decimals as fraction.
Reduce the fractions to lowest terms:-

Sol a) $0.6 = \frac{6 \div 2}{10 \div 2} \Rightarrow \frac{3}{5}$

b) $2.5 \Rightarrow \frac{25 \div 5}{10 \div 5} \Rightarrow \frac{5}{2}$

c) $1.0 \Rightarrow \frac{1}{1}$

d) $3.8 \Rightarrow \frac{38 \div 2}{10 \div 2} \Rightarrow \frac{19}{5}$

e) $13.7 \Rightarrow \frac{137}{10}$

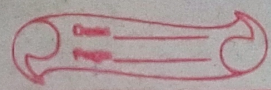
f) $21.2 \Rightarrow \frac{212 \div 2}{10 \div 2} \Rightarrow \frac{106}{5}$

g) $6.4 \Rightarrow \frac{64 \div 2}{10 \div 2} \Rightarrow \frac{32}{5}$

Q6. Express the following as cm using decimals

a) 2 mm

Sol. $1 \text{ cm} = 10 \text{ mm}$
 $1 \text{ mm} = \frac{1}{10} \text{ cm} = \frac{2}{10} \Rightarrow 0.2 \text{ cm}$



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1) 30 mm
~~1 mm~~ = $\frac{1}{10}$ cm
 $\Rightarrow \frac{30}{10} = 3$ cm

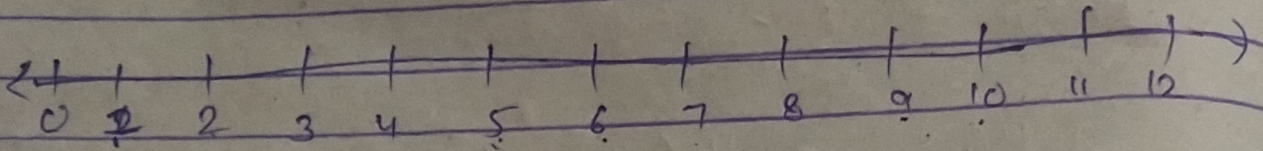
2) 116 mm
~~1 mm~~ = $\frac{1}{10}$ cm
 $\Rightarrow \frac{116}{10} = 11.6$ cm

3) 4 cm 2 mm
1 mm = $\frac{1}{10}$ cm
 $\Rightarrow \frac{2}{10} = 0.2$ $\Rightarrow 4.2$ cm $4 + 0.2 = 4.2$ cm

4) 162 mm
 $\Rightarrow 1$ mm = $\frac{1}{10}$ cm, $\frac{162}{10} = 16.2$ cm

5) 83 mm
 $\Rightarrow 1$ mm = $\frac{1}{10}$ cm
 $\frac{83}{10} = 8.3$ cm.

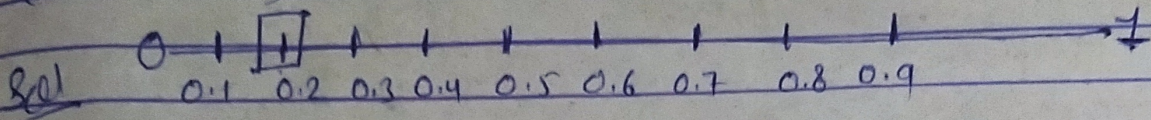
Q7. Between which two whole numbers (on the number line) are the given numbers lie? Which of these whole numbers is nearer the number?



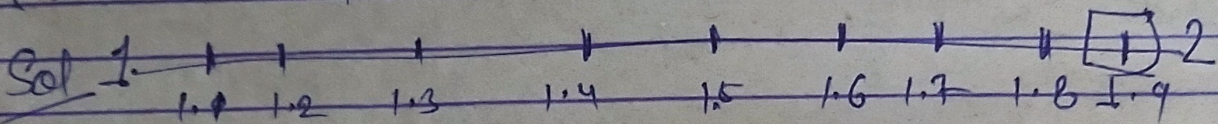
- (a) $0.8 \Rightarrow$ lies between 0 and 1.
 \Rightarrow 0.8 is nearer to 1.
- (b) $5.1 \Rightarrow$ lies between 5 and 6.
 \Rightarrow 5.1 is nearer to 5.
- (c) $2.6 \Rightarrow$ lies between 2 and 3.
 \Rightarrow 2.6 is nearer to 3.
- (d) $6.4 \Rightarrow$ lies between 6 and 7.
 6.4 is nearer to 6.
- (e) $9.1 \Rightarrow$ lies between 9 and 10.
 9.1 is nearer to 9.
- (f) $4.9 \Rightarrow$ lies between 4 and 5.
 4.9 is nearer to 5.

Q8. Show the following numbers on the number line:-

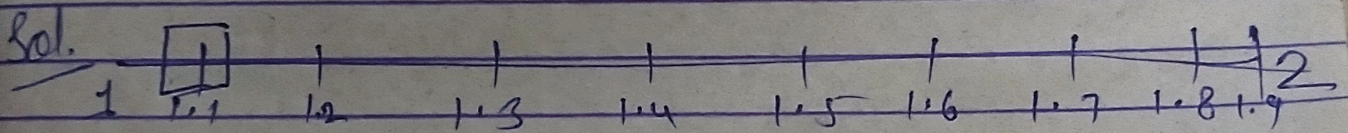
(a) $0.2 \Rightarrow 0.2$ lies between 0 and 1



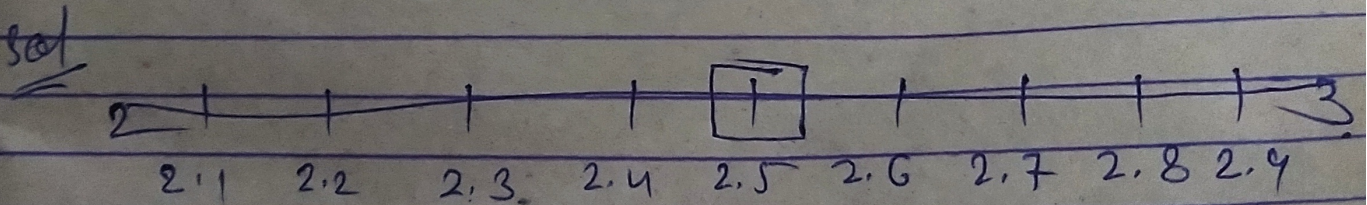
(b) $1.9 = 1.9$ lies between 1 and 2



(c) $1.1 = 1.1$ lies between 1 and 2



(d) $2.5 \Rightarrow 2.5$ lies between 2 and 3

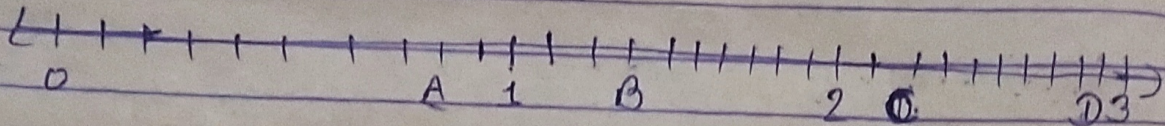


Day - 3 Dec 2020

Ex 8.1



Q 9. Write the decimal number represented by the points A, B, C, D on the given number line.



Sol Point A represents 0.8 cm on the given number line.

Point B represents 1.3 cm on the given number line.

Point C represents 2.2 cm on the given number line.

Point D represents 2.9 cm on the given number line.

Q 10. (a) The length of Ramesh's notebook is 9 cm 5 mm. What will be its length in cm?

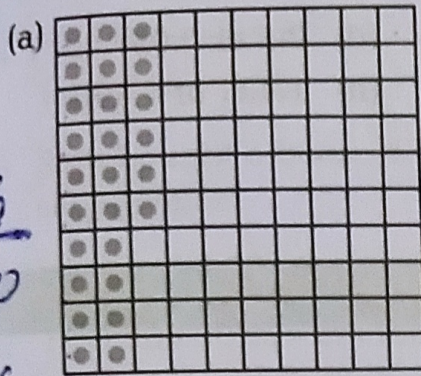
Sol The length of notebook is = 9 cm 5 mm
The length in cm is = $9 + \frac{5}{10} = 9.5$ cm.

(b) The length of a young gram plant is 65 mm. Express its length in cm.

Sol The length of a gram plant = 65 mm.
The length in cm = $\frac{65}{10} = 6.5$ cm.

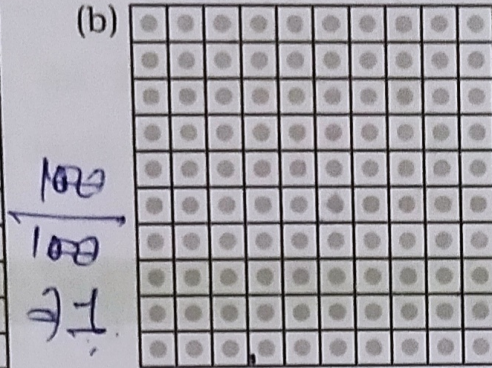
Exercise 8.2

1 Complete the table with the help of these boxes and use decimals to write the number:



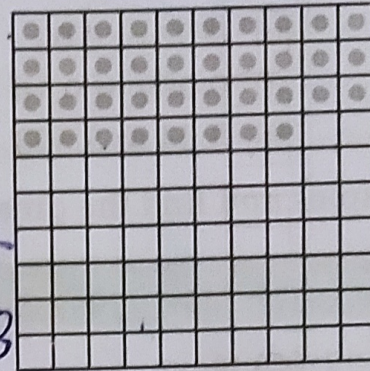
$$\frac{26}{100}$$

$$0.26$$

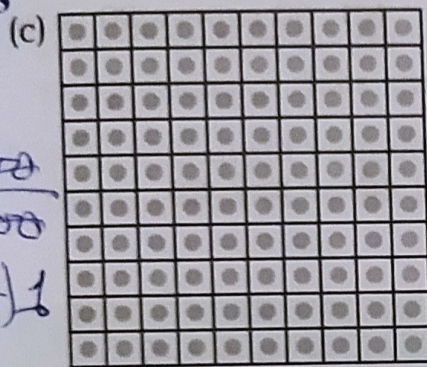


$$\frac{38}{100} = 0.38$$

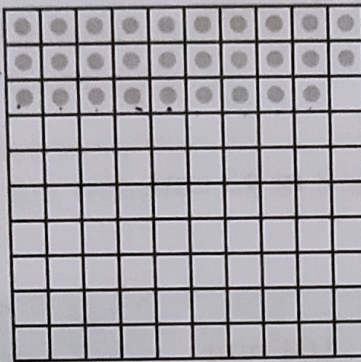
$$\frac{38}{100} = 0.38$$



$$1 + 0.38 = 1.38$$



$$\frac{29}{100} = 0.29$$



$$\frac{29}{100} = 0.29$$

	Ones	Tenths	Hundredths	Number
(a)	0	2	6	0.26
(b)	1	3	8	1.38
(c)	1	2	9	1.29

$$1 + 0.29 = 1.29$$

Day 4 Dec 2020

Ex - 8.2

Q1. Solve in book.

Q2. Write the numbers given in the following place value table in decimal form:-

	Hundreds $\frac{1}{100}$	Tens $\frac{1}{10}$	Ones $\frac{1}{1}$	Tenths $\frac{1}{10}$	Hundredths $\frac{1}{100}$	Thousandths $\frac{1}{1000}$
(a)	0	0	3	2	5	0
(b)	1	0	2	6	3	0
(c)	0	3	0	0	2	5
(d)	2	1	1	9	0	2
(e)	0	1	2	2	4	1

Sol. (a) $0 \times 100 + 0 \times 10 + 3 \times 1 + \frac{2}{10} + \frac{5}{100} + \frac{0}{1000} = 3.250$
 (b) $1 \times 100 + 0 \times 10 + 2 \times 1 + \frac{6}{10} + \frac{3}{100} + \frac{0}{1000} = 102.630$
 (c) $0 \times 100 + 3 \times 10 + 0 \times 1 + \frac{0}{10} + \frac{2}{100} + \frac{5}{1000} = 30.025$
 (d) $2 \times 100 + 1 \times 10 + 1 \times 1 + \frac{9}{10} + \frac{0}{100} + \frac{2}{1000} = 211.902$
 (e) $0 \times 100 + 1 \times 10 + 2 \times 1 + \frac{2}{10} + \frac{4}{100} + \frac{1}{1000} = 12.241$

Q3. Write the following decimals in the place value table:-

	Hundreds $\frac{1}{100}$	Tens $\frac{1}{10}$	Ones $\frac{1}{1}$	Tenths $\frac{1}{10}$	Hundredths $\frac{1}{100}$	Thousandths $\frac{1}{1000}$
(a) 0.29	0	0	0	2	9	0
(b) 2.08	0	0	2	0	8	0
(c) 19.60	0	1	9	6	0	0
(d) 148.32	1	4	8	3	2	0
(e) 207.812	2	0	0	8	1	2

Q4. Write each of the following^s decimals in words.

$$(a) 20 + 9 + \frac{4}{10} + \frac{1}{100} \Rightarrow 29.41$$

$$(b) 137 + \frac{5}{100} \Rightarrow 137.05$$

$$(c) \frac{7}{10} + \frac{6}{100} + \frac{4}{1000} \Rightarrow 0.764$$

$$(d) 23 + \frac{2}{10} + \frac{6}{1000} \Rightarrow 23.206$$

$$(e) 700 + 20 + 5 + \frac{9}{100} \Rightarrow 725.09$$

Q5. Write each of the following decimals in words.

$$(a) 0.03 \Rightarrow \text{Zero point zero three}$$

$$(b) 1.20 \Rightarrow \text{One point two zero}$$

$$(c) 108.56 \Rightarrow \text{One hundred eight point five six}$$

$$(d) 10.07 \Rightarrow \text{Ten point zero seven}$$

$$(e) 0.032 \Rightarrow \text{Zero point zero three two}$$

$$(f) 5.008 \Rightarrow \text{Five point zero zero eight}$$

Day 5 Dec 2020

Ex 8.2

Q6. Between which two numbers in tenths place on the number line does each of the given number lie?

Sol. 0.06
0 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.1
0.06 lies between 0 and 0.1 in tenths place.

(b) 0.45 \Rightarrow lies between 0.40 and 0.50 in tenths place.

(c) 0.19 \Rightarrow lies between 0.1 and 0.2 in tenths place.

(d) 0.66 \Rightarrow lies between 0.6 and 0.7 in tenths place.

(e) 0.97 \Rightarrow lies between 0.9 and 1.0 in tenths place.

(f) 0.57 \Rightarrow lies between 0.5 and 0.6 in tenths place.

Q7. Write as fractions in lowest terms:-

Sol (a) $0.60 \Rightarrow \frac{60 \div 2}{100 \div 2} \Rightarrow \frac{3}{5}$

(b) $0.05 \Rightarrow \frac{5 \div 5}{100 \div 5} \Rightarrow \frac{1}{20}$

$$(c) 0.75 = \frac{75 \div 25}{100 \div 25} = \frac{3}{4}$$

$$(d) 0.18 = \frac{18 \div 2}{100 \div 2} = \frac{9}{50}$$

$$(e) 0.25 = \frac{25 \div 25}{100 \div 25} = \frac{1}{4}$$

$$(f) 0.125 = \frac{125 \div 125}{1000 \div 125} = \frac{1}{8}$$

$$(g) 0.066 = \frac{66 \div 2}{1000 \div 2} = \frac{33}{500}$$

Ex 8.3

Q1. Which is greater :-

(a) 0.3 or 0.4

$$\frac{3}{10} < \frac{4}{10}$$

$0.3 < 0.4$ (0.4 is greater)

(b) 0.07 or 0.02

$$\frac{7}{100} > \frac{2}{100}$$

$0.07 > 0.02$ (0.07 is greater)

(c) ~~3~~ or 0.8

Sol $3.0 > 0.8$ (3 is greater)

(d) 0.5 or 0.05

Sol $0.5 > 0.05$ (0.5 is greater)

(e) 1.23 or 1.20

Sol $1.23 > 1.20$ (1.23 is greater)

(f) 0.099 or 0.19

Sol $0.099 < 0.19$ (0.19 is greater)

(g) 1.5 or 1.50

Sol $1.5 = 1.5$ ✓

(h) 1.431 or 1.490

Sol $1.431 < 1.490$ (1.490 is greater)

(i) 3.3 or 3.300

Sol $3.300 = 3.300$

(j) 5.64 or 5.603

Sol $5.64 > 5.603$ (5.64 is greater)

Q2 is ~~is~~ skipped.

7 Dec 2020

Ex-8.4

Q1. Express as rupees using decimals:-

(a) 5 paise

We know that there are 100 paise = 1 rupee.

Sol $5 \text{ paise} = \frac{05}{100} \Rightarrow = 0.05 \text{ rupees}$

(b) 75 paise

Sol $\frac{75}{100} \Rightarrow 0.75 \text{ rupees}$

(c) 20 paise

Sol $\frac{20}{100} \Rightarrow 0.2 \text{ rupees}$

(d) 50 rupees 90 paise

Sol. $50 + \frac{90}{100} \Rightarrow 50.9 \text{ rupees}$

(e) 725 paise

Sol $\frac{725}{100} = 7.25 \text{ rupees}$

Q2. Express as meters using decimals:-

• We know that there are 100 cm in 1 meter

(a) 15 cm.

Sol $15 \text{ cm} = \frac{15}{100} = 0.15 \text{ m.}$

(b) 6 cm

Sol $6 \text{ cm} = \frac{06}{100} \Rightarrow 0.06 \text{ m.}$

(c) 2 m 45 cm

Sol $2 \text{ m } 45 \text{ cm} = 2 + \frac{45}{100} = 2.45 \text{ m.}$

(d) 9 m 7 cm

Sol $9 \text{ m } 7 \text{ cm} \Rightarrow 9 + \frac{07}{100} = 9.07 \text{ m.}$

(e) 419 cm

Sol $419 \text{ cm} \Rightarrow \frac{419}{100} = 4.19 \text{ m.}$

Q3. Express as cm using decimals:-

We know that there are 10 mm in 1 cm.

(a) 5 mm

Sol $5 \text{ mm} = \frac{5}{10} = 0.5 \text{ cm.}$

(b) 60 mm

Sol $60 \text{ mm} = \frac{60}{1000} \Rightarrow 0.6 \text{ cm}$

$\frac{60}{10} \Rightarrow 6 \text{ cm}$

(c) 164 mm

Sol $164 \text{ mm} = \frac{164}{10} = 16.4 \text{ cm}$

(d) 9 cm 8 mm

Sol $9 \text{ cm } 8 \text{ mm} = 9 + \frac{8}{10} \Rightarrow 9.8 \text{ cm}$

(e) 93 mm

Sol $93 \text{ mm} = \frac{93}{10} \Rightarrow 9.3 \text{ cm}$

Q4. Express as Km using decimals:-

Sol We know that there are 1000 meters in 1 km-

(a) 8 m

Sol $8 \text{ m} = \frac{008}{1000 \text{ km}} \Rightarrow 0.008 \text{ km}$

(b) 88 m =

Sol $88 \text{ m} \Rightarrow \frac{088}{1000} \Rightarrow 0.088 \text{ km}$

(c) 8888 m

Sol $8888 \text{ m} = \frac{8888}{1000} = 8.888 \text{ km}$

(d) 70 km 5 m

Sol $70 \text{ km } 5 \text{ m} \Rightarrow 70 + \frac{5}{1000} \Rightarrow 70.005 \text{ km}$

Qs. Express as kg using decimals:-

Sol We know that there are 1000 g in 1 kg.

(a) 2 g

Sol $2 \text{ g} = \frac{002}{1000} \Rightarrow 0.002 \text{ kg}$

(b) 100 g

Sol $100 \text{ g} = \frac{100}{1000} \Rightarrow 0.1 \text{ kg}$

(c) 3750 g

Sol $3750 \text{ g} = \frac{3750}{1000} \Rightarrow 3.75 \text{ kg}$

(d) 5 kg 8 g

Sol $5 \text{ kg } 8 \text{ g} \Rightarrow 5 + \frac{008}{1000} \Rightarrow 5.008 \text{ kg}$

(e) 26 kg 50 g

Sol $26 \text{ kg } 50 \text{ g} \Rightarrow 26 + \frac{050}{1000} \Rightarrow 26.05 \text{ kg}$

Ex 18.5

Q1. Find the sum in each of the following:

Sol (a) $0.007 + 8.5 + 30.08$

$$\begin{array}{r} 0.007 \\ 8.5 \\ + 30.08 \\ \hline 38.587 \end{array}$$

(e) $0.75 + 10.425 + 2$

Sol

$$\begin{array}{r} ① \\ 0.75 \\ 10.425 \\ + 2.0 \\ \hline 13.175 \end{array}$$

(b) $15 + 0.632 + 13.8$

Sol

$$\begin{array}{r} 15.000 \\ 0.632 \\ + 13.8 \\ \hline 29.432 \end{array}$$

(f) $280.69 + 25.2 + 38$

Sol

$$\begin{array}{r} ①① \\ 280.69 \\ 25.2 \\ + 38.0 \\ \hline 343.89 \end{array}$$

(c) $27.076 + 0.55 + 0.004$

Sol

$$\begin{array}{r} ①① \\ 27.076 \\ 0.55 \\ + 0.004 \\ \hline 27.630 \end{array}$$

(d) $25.65 + 9.005 + 3.7$

Sol

$$\begin{array}{r} ①① \\ 25.65 \\ 9.005 \\ + 3.7 \\ \hline 38.355 \end{array}$$

Day 8 Dec 2020

Ex-8.5

Q2. Rashid spent _____ by Rashid.

	₹	P
<u>Sol</u> Cost of Maths book \Rightarrow	35	75
Cost of science book \Rightarrow	+ 32	60
Total amount \Rightarrow	68	35

Total amount of money spent by Rashid is ₹ 68. 35.

Q3. Radhika's mother _____ by parents

	₹	P
<u>Sol</u> Amount given by Radhika's mother \Rightarrow	10	50
Amount given by Radhika's father \Rightarrow	+ 15	80
Total amount	26	30

Total amount of money given by Radhika's parents is ₹ 26. 30.

Q4. Nasreen bought _____ by her.

	m	cm
<u>Sol</u> Cloth of shirt	3	20
Cloth of trousers	+ 2	05
Total length	5	25

Total length of cloth bought by Nasreen is 5.25m.

Q5. Naresh walked _____ all?

$$\begin{array}{r} \text{sol} \\ \text{Distance walked by Naresh in the morning} = 2.035 \text{ km} \\ \text{Distance walked by Naresh in the evening} = 1.007 \\ \hline \text{Total distance} \quad \quad \quad 3.042 \end{array}$$

$$\text{R.w} \\ 2 + \frac{35}{1000} = 2.035 \text{ km}$$

$$1 + \frac{7}{1000} = 1.007 \text{ km}$$

Total distance walked by Naresh is 3.042 km

Q6. Sunita travelled _____ residence?

$$\text{sol} \\ \text{Distance travelled by bus} = 15 \text{ km } 268 \text{ m} = 15 + \frac{268}{1000} = 15.268 \text{ km} \quad \text{(i)} \quad \text{(ii)}$$

$$\text{Distance travelled by car} = 7 \text{ km } 7 \text{ m} = 7 + \frac{7}{1000} = 7.007 \text{ km} \quad \quad \quad 7.007$$

$$\text{Distance travelled by Sunita} + 0.500 \\ \text{500 m} = \frac{500}{1000} = 0.500 \text{ km} - \text{(Total)} \quad \quad \quad \underline{22.775}$$

Total Distance of the School from her residence is 22.775 km.

Q7. Ravi purchases 5 kg 400 g rice, 2 kg 20 g sugar and 10 kg 850 g flour. Find the total weight of his purchase.

Sol. Weight of rice

$$\left(5 + \frac{400}{1000} \Rightarrow 5.400 \text{ kg.} \right)$$

(1)

$$5.400 \text{ kg}$$

Weight of sugar

$$\left(2 + \frac{20}{1000} \Rightarrow 2.020 \text{ kg} \right)$$

$$2.020 \text{ kg}$$

Weight of flour

$$\left(10 + \frac{850}{1000} \Rightarrow 10.850 \text{ kg} \right) + 10.850 \text{ kg}$$

Total weight

$$18.270 \text{ kg}$$

Total weight of his purchases is 18.270 kg.

Day 9 Dec 2020

Ex - 8.6

Q1. Subtract:-

(a) ₹ 18.25 from ₹ 20.75 (b) 202.54 m from 250 m

$$\begin{array}{r} 1 \text{ (10)} \\ 20.75 \\ - 18.25 \\ \hline \text{₹ } 2.50 \end{array}$$

$$\begin{array}{r} 49 \quad 9 \quad 10 \\ 250.00 \\ - 202.54 \\ \hline 47.46 \text{ m} \end{array}$$

(c) ₹ 5.36 from ₹ 8.40 (d) 2.051 km from 5.206 km

$$\begin{array}{r} 3 \text{ (10)} \\ 8.40 \\ - 5.36 \\ \hline \text{₹ } 3.04 \end{array}$$

$$\begin{array}{r} 1 \text{ (10)} \\ 5.206 \\ - 2.051 \\ \hline 3.155 \text{ km} \end{array}$$

(e) 0.314 kg from 2.107 kg

$$\begin{array}{r} 1 \text{ (10) (10)} \\ 2.107 \\ - 0.314 \\ \hline 1.793 \text{ kg} \end{array}$$

Q2. Find the value of:-

(a) $\begin{array}{r} 6 \text{ (15)} \\ 9.756 \\ - 6.28 \\ \hline 3.476 \end{array}$

(b) $\begin{array}{r} 1 \text{ (10) (9) (15)} \\ 21.05 \\ - 15.27 \\ \hline 5.78 \end{array}$

(c) $\begin{array}{r} 7 \text{ (9) (10)} \\ 18.80 \\ - 6.79 \\ \hline 11.71 \end{array}$

(d) $\begin{array}{r} 1 \text{ (10) (9) (10)} \\ 11.600 \\ - 9.847 \\ \hline 1.753 \end{array}$

Q3 Raju bought _____ shopkeeper?

Sol Money given to shopkeeper \Rightarrow ₹ 50.00
Price of the book \Rightarrow - 35.65
Money left with Raju \Rightarrow ₹ 14.35

Q4. Rani had _____ now?

Sol Money with Rani \Rightarrow ₹ 18.50
Price of an ice cream \Rightarrow - 11.75
Money left with Rani \Rightarrow ₹ 6.75

Q5. Tina had _____ with her?

Sol Length of cloth \Rightarrow 20.05 m
($20\text{m } 5\text{cm} = 20 + \frac{5}{100} = 20.05\text{m}$)

Length of cloth to make a curtain
($4\text{m } 50\text{cm} = 4 + \frac{50}{100} = 4.50\text{m}$) - 4.50 m

Length of cloth left with Tina \Rightarrow 15.55 m

Q6. Namita travels _____ by auto?

Sol. Total distance travelled by Namita
 $(20\text{ km } 50\text{ m} = 20 + \frac{50}{1000} = 20.050\text{ km})$

(1) (9) (10)
 $\underline{09.850\text{ km}}$

Distance travelled by bus
 $(10\text{ km } 200\text{ m} = 10 + \frac{200}{1000} = 10.200\text{ km}) - 10.200\text{ km}$

Distance travelled by auto 09.850 km

Q7. Akash bought _____ potatoes?

Sol. Weight of onions =) 3.500 kg
 $3\text{ kg } 500\text{ g } \quad 3 + \frac{500}{1000} = 3.500\text{ kg}$

Weight of tomatoes $+ 2.075\text{ kg}$
 $2\text{ kg } 75\text{ g} = 2 + \frac{75}{1000} = 2.075\text{ kg}$

Weight of both vegetables 5.575 kg

Total weight of vegetables $+ 0.000\text{ kg}$

Weight of both vegetables $- 5.575\text{ kg}$
Weight of Potatoes 04.425 kg