



Indian currency

To buy anything, we need money. Money is measured in **Rupee** and **paise**. So, rupees and paise are called **Indian currency**. Currency notes for one rupee, two rupees, five rupees, ten rupees, twenty rupees, fifty rupees, hundred rupees, five hundred rupees and one thousand rupees are prevailing in Indian market. There are also coins of 1 rupee, 2 rupees, 5 rupees and 10 rupees which are in trend in Indian currency market now-a-days.

For Example : If one has 10-rupee note and a 35 paise coin, then this amount of money can be expressed as under :

Rupees ten and paise thirty five

or

Ten rupees and thirty five paise

In order to express this amount, we generally write rupees as ₹ and paise as p, i.e. 10 rupees = ₹ 10 and thirty five paise = p 35.

To express this amount in figure or in symbolic form, we use ₹ for rupees and small dot or point (called decimal) for paise.

Therefore, rupees ten and paise thirty five is expressed as ₹10.35.

If the paise is in digit like paise 1, paise 2, paise 3, paise 9, then put a zero before the given paise to make it two digits and write ₹ 0.01, ₹0.02, ₹ 0.03 ₹ 0.09.

While writing the amount of money in words, we write 'and' between rupees and paise.

Some amounts of money are expressed below in words and in figures.





S.NO.	Amount	Amount in words	Amount in figures
1.	12 rupees 85 paise	Rupees twelve and paise eighty five	₹ 12.85
2.	2 paise	paise two	₹ 0.02
3.	65 rupees	Rupees sixty five	₹ 65.00

Example I : Express the following amounts of money in words.

- a. 38 rupees 57 paise
- b. 54 rupees 6 paise
- c. 28 rupees 36 paise
- d. 62 rupees 30 paise

Solution : a. Rupees thirty eight and paise fifty seven

- b. Rupees fifty four and paise six
- c. Rupees twenty eight and paise thirty six
- d. Rupees sixty two and paise thirty

Example II : Express the following amounts of money in figures.

- a. 820 rupees and 7 paise
- b. 28 rupees 80 paise
- c. 49 rupees and 20 paise
- d. 8 paise

Solution : a. ₹ 820.07

- b. ₹ 28.80
- c. ₹ 49.20
- d. ₹ 0.08

 **Exercise 11.1**

1. Express the following amounts of money in words.

- a. 96 p
- b. 63 p
- c. ₹ 4.42
- d. ₹ 24.08

2. Write the following amounts in figures.

- a. Eight paise
- b. Forty five paise
- c. Rupees six and five paise
- d. Rupees twenty four and thirty two paise





Conversion of Rupees into Paise

Always remember 1 rupee = 100 paise.

If you want to convert rupees into paise, then multiply the amount in rupees by 100 and add to it the number of given paise.

Example III : Convert 25 rupees 50 paise into paise.

Solution :

$$\begin{aligned}
 25 \text{ rupees } 50 \text{ paise} &= 25 \times 100 \text{ paise} + 50 \text{ paise} \\
 &= 2500 \text{ paise} + 50 \text{ paise} \\
 &= 2550 \text{ paise}
 \end{aligned}$$

Example IV : Convert ₹45.29 into paise.

Solution :

$$\begin{aligned}
 \text{We know, } 1 \text{ rupee} &= 100 \text{ paise.} \\
 \text{Therefore, } ₹ 45.29 &= 45 \text{ rupees} + 29 \text{ paise} \\
 &= 45 \times 100 \text{ paise} + 29 \text{ paise} \\
 &= 4500 \text{ paise} + 29 \text{ paise} \\
 &= 4529 \text{ paise.}
 \end{aligned}$$



Conversion of Paise into Rupees

If you want to convert paise into rupees and paise, put a dot or point after two digits from the right of the given number of paise and write '₹' instead of p.

or

To convert paise into rupees divide it by 100 and place the dot or point after two digits from the right and get rupees and paise.

For Example : 6836 paise = ₹68.36 = 68 rupees 36 paise

or

$$6836 \text{ paise} = 6836 \div 100 = ₹ 68.36 = 68 \text{ rupees } 36 \text{ paise}$$

Example V : Convert each of the following into rupees and paise.

- a. 420 paise b. 5734 paise c. 848 paise





Solution

- a. 420 paise = ₹4.20 = 4 rupee 20 paise
- b. 5734 paise = ₹57.34 = 57 rupees 34 paise
- c. 848 paise = ₹8.48 = 8 rupees 48 paise

Example VI : Convert 35 paise into rupee.

Solution : Since $35 < 100$, i.e. 35 paise. It can not be divided by 100. Therefore, quotient is 0 and remainder is 35 paise.

$$\begin{array}{r}
 0 \rightarrow \text{quotient} \\
 100 \overline{) 35} \\
 \underline{- 00} \\
 35 \rightarrow \text{remainder}
 \end{array}$$

i.e. 35 paise = 0 rupee and thirty five paise



Exercise 11.2

1. Convert each of the following into paise.

- a. ₹4.00 =
- b. ₹20.00 =
- c. ₹52.00 =
- d. ₹248.00 =

2. Convert the following paise into rupees.

- a. p204 =
- b. p860 =
- c. p9864 =
- d. p1602 =



Addition of Rupees and Paise

Addition by converting rupees into paise

- a. Convert the amounts into paise.
- b. Add in paise.
- c. Convert back the amounts into rupees and paise.

Example VII : Add ₹46.74 and ₹47.45.

Solution : ₹46.74 = 46 rupees + 74 paise = $46 \times 100 + 74 = 4674$ p
₹47.45 = 47 rupees + 45 paise = $47 \times 100 + 45 = 4745$ p





Then,

	①	①		
	4	6	7	4
+	4	7	4	5
	9	4	1	9

Therefore, the sum = $(4674 + 4745) p = 9419 p = ₹94.19$.

Addition of rupees without converting into paise

- a. Arrange the given amounts in column so that dot or point come in the same column.
- b. Add the amounts like addition of numbers.
- c. Put the dot or point in the sum under the dot's column.

Example VIII: Add ₹ 43.63 and ₹ 36.23.

Solution :

₹ 43.63
+ ₹ 36.23
₹ 79.86

Therefore, sum = $(₹ 43.63 + ₹ 36.23) = ₹ 79.86$.

Exercise 11.3

1. Add after conversion into paise.

- | | |
|------------------------|------------------------|
| a. ₹ 48.60 and ₹ 26.30 | b. ₹ 19.07 and ₹ 14.00 |
| c. ₹ 28.02 and ₹ 39.80 | d. ₹ 90.09 and ₹ 62.00 |

2. Add the following.

- a. 60 rupees 8 paise and 68 rupees 68 paise
- b. 46 rupees 38 paise and 99 rupees 7 paise
- c. 29 rupees 84 paise, 75 rupees 60 paise and 46 rupees 47 paise
- d. 50 rupees 66 paise, 26 rupees 6 paise and 42 rupees 60 paise





3. Add the following without conversion into paise.

a.

$$\begin{array}{r} ₹ 34.46 \\ + ₹ 38.03 \\ \hline \end{array}$$

b.

$$\begin{array}{r} ₹ 49.35 \\ + ₹ 83.97 \\ \hline \end{array}$$

c.

$$\begin{array}{r} ₹ 439.80 \\ + ₹ 94.38 \\ \hline \end{array}$$

d.

$$\begin{array}{r} ₹ 418.32 \\ + ₹ 245.82 \\ \hline \end{array}$$

4. Tanuj bought chocolates for ₹ 488.69 and toffees for ₹ 377.28. How much did he spend in all ?
5. Shilpa bought grapes for ₹ 69.98 and mangoes for ₹ 25.00. How much did she spend in all?
6. Sachin purchased a pair of shoes for ₹ 475.78, a shirt for ₹ 238.27 and trousers for ₹ 145.68. How much did he spend in all ?



Subtraction of Rupees and Paise

Subtraction by converting rupees into paise

- a. After converting into paise write the greater amount first.
- b. Find the difference between two amounts.
- c. Convert back the difference into rupees and paise again.

Example IX: Subtract ₹ 68.45 from ₹ 86.76.

Solution : ₹ 86.76 = 8600 paise + 76 paise = 8676 paise

₹ 68.45 = 6800 paise + 45 paise = 6845 paise

Therefore, difference = p (8676 - 6845)

= p 1831

= ₹ 18.31

	(7)	(16)		
p	8	6	7	6
- p	6	8	4	5
	p	1	8	3
			1	0





Exercise 11.4

- Subtract the following after converting into paise.
 - ₹ 96.76 from ₹ 404.00
 - ₹ 27.46 from ₹ 60.45
 - ₹ 26.85 from ₹ 40.00
 - ₹ 0.86 from ₹ 2.00
- Subtract the following without converting into paise.
 - ₹ 473.40 – ₹ 249.86
 - ₹ 86.47 – ₹ 38.48
 - ₹ 846.84 – ₹ 389.98
 - ₹ 48.80 – ₹ 19.28
- Nishchal has ₹ 670.0 as pocket money. He gave ₹ 275.25 to his brother. How much money he has in his pocket now ?
- The price of a shirt is ₹ 475.08 and Mahesh has ₹ 156.65. How much money does Mahesh need more to buy the shirt ?
- Amit has to pay ₹ 286.00 for his school fees. He has ₹ 96.50. How much money does he need more ?



Multiplication of Rupees and Paise

Multiplication of money is done in the same way as we multiply numbers. But always remember that the point (or dot) is put at two places from the right of the product.

Example X : Multiply ₹ 68.27 by 5.

Solution :

₹	68.27
×	5
₹ 341.35	

Answer: ₹ 341.35



Exercise 11.5

- Multiply the following rupees and paise by the given number.

a

₹	6.80
×	4

b

₹	40.60
×	6

c

₹	97.80
×	7

d

₹	86.20
×	3





2. Multiply the following.

a. ₹ 78 × 6 = ₹

b. ₹ 82 × 9 = ₹

c. ₹ 68 × 10 = ₹

d. ₹ 32 × 8 = ₹

- If the price of 1 book is ₹ 49, then find the price of 5 books.
- The cost of a packet of biscuits is ₹ 87. Find the cost of 7 such packets of biscuits.
- The price of a set of cups is ₹ 45.40. Find the price of 15 such sets of cups.



Division of Rupees and Paise

Division of money is done in the same way as we divide numbers. But always remember that the point or dot is put at two places from the right of the quotient.

Example XI : Divide 84 paise by 3.

Solution :

$$\begin{array}{r}
 28 \\
 3 \overline{)84} \\
 \underline{-6} \\
 24 \\
 \underline{-24} \\
 \times
 \end{array}$$

Therefore, 84 paise ÷ 3 = 28 paise.



Exercise 11.6

1. Divide the following rupees and paise by given number.

a. $6 \overline{) ₹ 9.42}$

b. $9 \overline{) ₹ 82.80}$

c. $7 \overline{) ₹ 68.46}$

d. $5 \overline{) ₹ 84.85}$

2. Divide the following.

a. 84 paise ÷ 4 = paise

b. 78 paise ÷ 6 = paise

c. ₹ 96 ÷ 3 = ₹

d. ₹ 192 ÷ 8 = ₹





- If ₹85.00 is equally distributed among 5 men, then how much did each man get?
- A set of 5 plates costs ₹ 75.20. Find the cost of each plate.
- If 8 ice-cream cost ₹ 59.36, then find the cost of one ice-cream.



Word Problems

Example XII : Naina bought a pair of shoes for ₹ 700 and her brother Nitin bought a shirt of ₹ 250. How much did they spend ?

Solution :

Naina spent	=	700
Nitin spent	=	+ 250
		950

They spent altogether ₹ 950.

Example XIII: Peter sells a table of ₹ 860. But customer gives him ₹ 820. How much amount should the customer give more to Peter ?

Solution :

The cost of table is	=	860
Customer gives the amount	=	- 820
		40

The customer should give ₹ 40 more to the Peter.



Exercise 11.7

- Moyna bought 5 chocolates for ₹ 75.00, a chair for ₹ 46.00 and a bucket for ₹ 108. Prepare a short bill and find how much did she spend ?
- Prachi goes to the market with ₹ 260. She buys a gift worth ₹ 126.00. How much money is left with her ?
- The cost of one packet of tea is ₹ 47. Find the cost of 9 packets of tea.
- If the price of 8 pairs of Pant-Shirt are ₹ 4640. What is the cost of one pair of Pant-Shirt.





5. Shobhit has ₹ 40.60. Chintu has 6 times as much money as Shobhit. How much money does Chintu have ?

Points to Remember



- ❖ The rupees and paise are the Indian currency.
- ❖ Rupees is denoted by the symbol ₹.
- ❖ The currency of America is American Dollar.
- ❖ The currency of UK is Pound.
- ❖ Dollar is costlier than rupee.
- ❖ We can perform all operations like addition, subtraction, division and multiplication on the rupees.



EXERCISE

1. Multiple Choice Questions (MCQs)

Tick (✓) the correct option.

a. The currency of India is

(i) Rupees

(ii) Pound

(iii) Dollar

(iv) None of these

b. ₹ 5.00 = paise

(i) 50

(ii) 100

(iii) 1000

(iv) 500

c. The currency of UK is

(i) Pound

(ii) Dollar

(iii) Rupees

(iv) None of these

d. Conversion of ₹ 76.50 into paise is

(i) 7.650

(ii) 765.0

(iii) 7650

(iv) None of these



- e. Currency of USA is
- (i) Rupees (ii) Dollar
- (iii) Pound (iv) None of these

2. Express the following amounts of money in figures.

- a. 6 rupees 45 paise b. 46 rupees c. 47 rupees 60 paise

3. Convert each of the following into paise.

- a. ₹ 9.00 b. ₹ 48.35 c. ₹ 68.80

4. Add the following.

- a. ₹ 42.30 and ₹ 36.25 b. ₹ 40.60 and ₹ 69.90

5. Subtract the following.

- a. ₹ 34.60 from ₹ 80.40 b. ₹ 42.25 from ₹ 48.25

6. Multiply the following.

$$\begin{array}{r} \text{a. } ₹ 436.69 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b. } ₹ 829.80 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c. } ₹ 335.74 \\ \times 5 \\ \hline \end{array}$$

7. Divide the following.

$$\text{a. } 5 \overline{) ₹ 42.60}$$

$$\text{b. } 6 \overline{) ₹ 28.80}$$

$$\text{c. } 4 \overline{) ₹ 178.00}$$

8. Avanti earned ₹ 475 on Friday and ₹ 650 on Saturday. What was her total earning of two days ?

9. The cost of a camera is ₹ 725.60. Find the cost of 4 such cameras.



₹ 1380.5 is distributed among 25 students. What is the share of each student ?





Objective : To understand the value of coin.

Materials Required : Coins of ₹ 5, ₹ 2, and ₹ 1, a sheet of paper and pencil per child



₹ 1



₹ 2



₹ 5

Process :

- ❖ Teacher arranges for enough coins of ₹ 5, ₹ 2 and ₹ 1, so that each child can pick up any three coins from the box.
- ❖ Children trace the shape of the coins, write their values and the year it was made.
- ❖ They add the sum of the three coins and write three things which can be bought with the amount.
- ❖ Each child is given an opportunity to tell what he/she will buy with his/her three coins.
- ❖ With the three coins, children are asked to make a pattern.
- ❖ All sheets are displayed in the class.

MENTAL MATHS



- What is MRP ?
- The MRP of a book is ₹ 52.00, a notebook is ₹ 20.00 and a pencil-box is ₹ 35.00. Calculate the total amount.

