Chapter – 5

Money

Ex 5.1

Question 1.

In ₹ 1000 How many ₹ 500 notes are there?

Answer:

How many ₹ 500 notes are there? 2____

How many ₹ 200 notes are there? _____

Answer:

How many ₹ 200 notes are there? <u>5</u>

How many ₹ 100 notes are there? _____

Answer: How many ₹ 100 notes are there? <u>10</u>

How many ₹ 50 notes are there? _____

Answer:

How many ₹ 50 notes are there? <u>20</u>

Question 2.

Kamala had a change of \gtrless 100, \gtrless 50, \gtrless 20 and \gtrless 10 notes. How many rupees did she have in each to get the total of rupees 500?

Answer:

₹ 500 = ₹ 100 ₹ 100 ₹ 100 ₹ 100 ₹ 50 ₹ 20 ₹ 20 ₹ 10₹ 100 Note = 4₹ 50 Note = 1₹ 20 Note = 2₹ 10 Note = 1

Question 3.

Convert the following rupees into paise (i) ₹ 7.50 (ii) ₹ 18.75

 (iii) ₹ 54.68 (iv) ₹ 102.50 (v) ₹ 129.45 (vi) ₹ 308.61
Answer: (i) ₹ 7.50 ₹ 7 = 7 × 100 = 700 50 paise = 700 + 50 = 750 700 (+) 50 750
<pre>(ii) ₹ 18.75 ₹ 18 = 18 × 100 = 1800 75 paise = 1800 + 75 = 1875 1800 (+) 75 1875</pre>
(iii) ₹ 54.68 ₹ 54 = 54 × 100 = 5400 68 paise = 5400 + 68 = 5468 5400 (+) 68 5468
(iv) ₹ 102.50 ₹ 102 = 102 × 100 = 10200 50 paise = 10200 + 50

= 10250 10200 (+) 50 10250
(v) ₹ 129.45 ₹ 129 = 129 × 100 = 12900 45 paise = 12900 + 45 = 12945 12900
(+) 45 12945
<pre>(vi) ₹ 308.61 ₹ 308 = 308 × 100 = 30800 61 paise = 30800 + 61 = 30861 30800 (+) 61</pre>
30861

Question 4.

(i) Write the denominator for the following amount. $\overline{466} = \underline{200} \underline{100} \underline{100} \underline{50} \underline{510} \underline{510} \underline{511}$ $\overline{200 \times 1} = __$ $\overline{100 \times 2} = __$ $\overline{50 \times 1} = __$ $\overline{50 \times 1} = __$ $\overline{55 \times 1} = __$ $\overline{11 \times 1} = __$ Total = $__$

Answer:

₹ 200 × 1 = <u>₹ 200</u> ₹ 100 × 2 = <u>₹ 200</u> ₹ 50 × 1 = <u>₹ 50</u> ₹ 10 × 1 = <u>₹ 10</u> ₹ 5 × 1 = <u>₹ 5</u> ₹ 1 × 1 = <u>₹ 1</u> Total = <u>₹ 466</u>

(ii)

Use and fill in the boxes with the amounts given below, to get the given amount (₹ 845) ₹ 845 = _____ _____





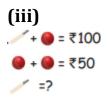




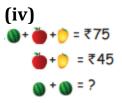


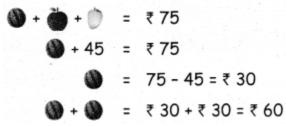


₹845 = ₹500 ₹200 ₹100 ₹20 ₹20 ₹5



Answer: ● + ● = ₹ 50 = ₹ 25 + ₹ 25 ● = ₹ 25 + ● = ₹ 100 + 25 = ₹ 100 - = 100 - 25 = ₹ 75.



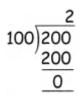


Question 5.

Convert the following poise into rupees. i. 800 paise ii. 500 paise iii. 2075 paise iv. 6860 paise v. 200 paise vi. 150 paise vii. 1000 paise viii. 2000 paise

Answer:

i. 800 paise



ii. 500 paise



iii. 2075 paise

20.75 100) 2075 200 750 700 500 500 0
iv. 6860 paise <u>68.6</u> 100)6860 <u>600</u> <u>860</u> <u>800</u> <u>600</u> <u>600</u> <u>0</u>
v. 200 paise 100)200 200 0
vi. 150 paise <u>1.5</u> 100)150 <u>100</u> <u>500</u> <u>500</u> <u>0</u>
vii. 1000 paise 100)1000 100) <u>1000</u> <u>100</u>

viii. 2000 paise 20 100)2000 200 0

Ex 5.2

I. Add the following Rupees (without conversion)

Question 1.

₹38.40

+ ₹41.25

Answer:

₹ 38.40

* ₹ 41.25 ₹ 79.65

Question 2.

- ₹19.27
- + ₹10.31

Answer:

₹ 19.27 + <u>₹ 10.31</u> ₹ 29.58

Question 3.

- ₹28.50
- ₹20.14
- + ₹41.32

	₹ 28.50	
÷	₹ 20.14	
	₹ 41.32	
	₹ 89.96	

Question 4.

Answer:

₹ 34.20 + ₹ 13.18 ₹ 12.11 ₹ 59.49

II. Add the following rupees (with conversion)

Question 1.

₹19.56

+ ₹23.64

Answer:

	111
	₹ 19.56
+	₹ 23.64
	₹ 43.20

Question 2.

₹64.75

+ ₹36.25

Answer:

①①① ₹ 64.75 * ₹ 36.25 ₹ 101.00

Question 3.

- ₹28.37
- ₹18.43
- + ₹17.65

Answer:

- 200 ₹ 28.37
- + ₹18.43
 - ₹ 17.65
 - ₹ 64.45

Question 4.

- ₹64.15 ₹38.27
- T 30.27
- + ₹41.18

Answer:

① ②
 ₹ 64.15
 ₹ 38.27
 ₹ 41.18
 ₹ 143.60

III.

Question 1.

Elaovan bought a bat for \gtrless 105.15 and a boll for \gtrless 24. How much money did he spend in all?

Answer:

Bat = ₹ 105.15 Boll = ₹ 24 Sum = ₹ 105.15 + ₹ 24 = ₹ 129.15 ₹ 105.15 ₹ 24 ₹ 129.15

Question 2.

Sadham went to vegetable shop and bought 1 kg of brinjal for \gtrless 28.50, 1 kg of ladies finger for \gtrless 10.50, 1 kg of pumpkin for \gtrless 11.50. Find the total amount he spent in all.

Answer:

Brinjal = ₹ 28.50 Ladies finger = ₹ 10.50 Pumpkin = ₹ 11.50 Sum = ₹ 28.50 + ₹ 10.50 + ₹ 11.50 = ₹ 50.50

11 ₹ 28.50 ₹ 10.50 ₹ 11.50 ₹ 50.50

Question 3.

Kanmani bought pad and pen for her daughter at the cost of ₹ 65.50 and ₹ 48.75. How much money did she pay for the things?

Answer:

Pad = ₹ 65.50 Pen = ₹ 48.75 Sum = ₹ 65.50 + ₹ 48.75 = ₹ 114.25 ①① ₹ 65.50 ₹ 48.75 ₹ 114.25

Question 4.

Ramya bought Vegetable rice, Idly and Dosai for 374.50, 328.50 and 360.50. Find the total amount he spent in all.

Answer:

Vegetable rice = ₹ 74.50 Idly = ₹ 28.50 Dosai = ₹ 60.50 Total Amount = ₹ 74.50 + ₹ 28.50 + ₹ 60.50 = ₹ 163.50

①① ₹ 74.50 ₹ 28.50 ₹ 60.50 ₹ 163.50

Ex 5.3

Question 1.

Subtract the following

(i)

₹83.50

- ₹24.00

Answer:

	010
	₹ 83.50
-	₹ 24.00
	₹ 59.50

(ii)

₹63.50

- ₹27.50

	7)13)
	₹ 63.50
-	₹ 27.50
	× 2/ 00

₹ 36.00

(iii)

₹74.00

- ₹43.50

Answer:

3 10
74.00
43.50
30,50

(iv) ₹98.67

- ₹58.49 _____

Answer:

517	
₹ 98.67	
₹ 58.49	
₹ 40.18	
	₹ 98.67 ₹ 58.49

(v)

₹78.50 - ₹69.50

Answer:

618 ₹ 78.50 - ₹ 69.50

₹ 9.00

Question 2.

Cost of a pen from shop A is \gtrless 7.50 and from shop B is \gtrless 5.50 What is the difference between the cost from two shops.

Answer:

shop A = ₹ 7.50 shop B = ₹ 5.50 Difference = ₹ 7.50 - ₹ 5.50 = ₹ 2.00 ₹ 7.50 -₹ 5.50 ₹ 2.00

Question 3.

Mala went to textile shop and had bought chudithar for ₹ 58.70 and gave ₹ 100 to the shopkeeper. How much money did the shopkeeper return to Mala.

Answer:

Mala gave = ₹ 100 chudithar price = ₹ 58.70 Difference = ₹ 100 + ₹ 58.70 = ₹ 41.30 ₹ 100.00 ₹ 58.70 ₹ 41.30

Ex 5.4

Question 1.

Priya bought 20 balloons. If the cost of one balloon is \gtrless 6, then find the cost of 20 balloons.

Answer:

Cost of one ballon = $\gtrless 6$ Cost of 20 ballon = 20×6 = ₹ 120 ₹ 6 20 × 6 ₹ 120

Question 2.

Chinthamani bought 28 chocolate for her birthday. If the cost of a chocolate is \mathbf{R} 7 then find the total cost of 28 chocolates

Answer:

```
cost of a chocolate = ₹ 7

cost of 28 chocolates = 28 \times 7

= ₹ 196

₹ 7

(5)

28 \times 7

₹ 196
```

Question 3.

Ashok purchased 9 decorative papers at the cost of 3450 for his town festival. Find the cost of a decorative paper?

Answer:

cost of 9 decorative papers = ₹ 450 cost of 1 decorative paper = $450 \div 9$ = ₹ 50 ₹ 450 <u>450 ÷ 9</u> ₹ 50

Question 4.

Geethanjali bought 10 pencils at the cost of \mathbf{E} 70 from the supermarket. Find the cost of a pencil?

Answer:

cost of 10 pencils = ₹ 70 cost of 1 pencil = 70 ÷ 10

=₹7	
₹ 70	
70 ÷	10
₹7	

Question 5.

Kuppan bought pencil and pen for ₹ 24.50 and ₹ 6.50 from his total amount ₹ 50. Find the total cost of things that he bought. Also find the balance amount?

Answer:

Price of a pencil = ₹ 24.50 Price of a pen = ₹ 6.50 Sum = ₹ 24.50 + ₹ 6.50 = ₹ 31.00 Total amount = ₹ 50.00 Sum = ₹ 31.00 = ₹ 50.00 + ₹ 31.00 = ₹ 19.00 ₹ 24.50 (+)₹ 6.50₹ 31.00 ₹ 50.00 (-)₹ 31.00₹ 19.00

Question 6.

A teacher went to the science exhibition with their student. The entry fee is \gtrless 250 and the teacher bought some materials for the school for \gtrless 320, she had the balance amount of \gtrless 330, find the amount that she had?

Answer:

Entry fee = ₹ 250 Things = ₹ 320 Balance = ₹ 330 Amount = ₹ 250 + ₹ 320 + ₹ 330

=₹900 ①	
₹ 250(+)	
₹ 320	
₹ 330	
₹ 900	

Ex 5.5

Question 1.

Meera went to vegetable shop. He bought brinjal for \gtrless 29.75. drumstick for \gtrless 14.60, raddish for \gtrless 34.50 and carrot for \gtrless 42.80. Find the total amount and estimate to the nearest one rupee?

Answer:

Things	Actual price	Estimate price	Difference in paise
Brinjal	₹ 29.75	₹ 30.00	0.25
Drumstick	₹ 14.60	₹ 15.00	0.40
Raddish	₹ 34.50	₹ 35.00	0.50
Carrot	₹ 42.80	₹ 43.00	0.20
Total	₹ 121.65	₹ 123	₹ 123 - ₹ 121.65 = ₹ 1.35

Question 2.

Vasu bought car toy for \gtrless 37, Bear toy for \gtrless 24, monkey toy for \gtrless 86. Find the estimated cost and find the difference in estimation close to nearest 10 rupees.

Answer:

Things	Actual price	Estimate price	Difference in paise
Car toy	₹ 37	₹ 40	₹3
Bear toy	₹24	₹ 20	₹4
Monkey toy	₹86	₹ 90	₹4
Total	₹ 147	₹ 150	₹ 150 - ₹ 147 = ₹ 3

Question 3.

In the book fair Manibalan bought Bharathiyar book for ₹ 26.40, Gandhi book for ₹ 18.60, Abdul kalam book for ₹ 43.70 and Kumaran book for ₹ 51.90. Find the estimated cost and difference in estimation closes to nearest one rupee.

Things	Actual price	Estimate price	Difference in paise
Bharathiyar Book	₹ 26.40	₹26	₹ 0.40
Gandhi Book	₹ 18.60	₹ 19	₹ 0.40
Abdul Kalam Book	₹ 43.70	₹ 44	₹ 0.30
Kumaran	₹ 51.90	₹ 52	₹ 0.10
Total	₹ 140.60	₹ 141	₹ 141.60 - ₹ 141 = ₹ 0.60

Answer:

Question 4.

Geetha bought Jasmine for \gtrless 37, Rose for \gtrless 58, Mullai for \gtrless 26 and Marigold for \gtrless 82. Find the estimated cost and difference in estimation, close to the nearest ten rupees.

Answer:

Things	Actual price	Estimate price	Difference in paise
Jasmine	₹ 37	₹ 40	₹3
Rose	₹ 58	₹ 60	₹2
Mullai	₹ 26	₹ 30	₹4
Marigold	₹82	₹80	₹2
Total	₹ 203	₹ 210	₹ 210 - ₹ 203 = ₹ 7

InText Questions

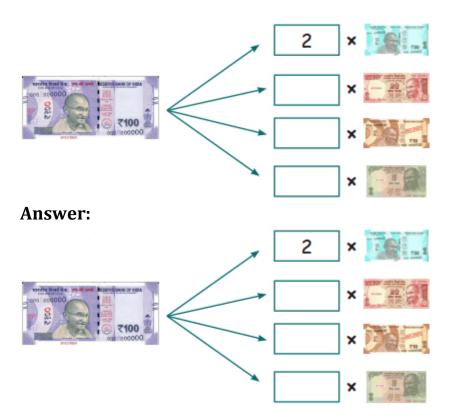
Denomination (Text Book Page No. 35)

₹ 10 × ____ = ₹ 5 × ____ = Total = ____

Answer:

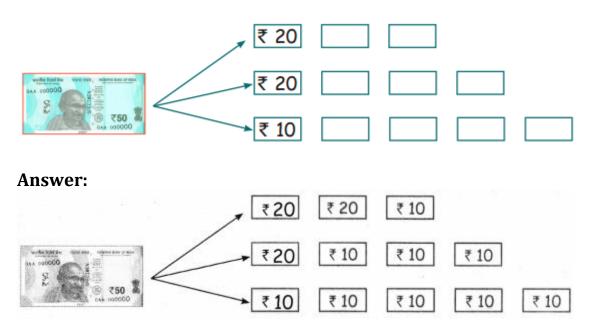
₹ 565 = ₹ 200 ₹ 200 ₹ 100 ₹ 50 ₹ 10 ₹ 5 ₹ 200 × 2= ₹ 400 ₹ 100 × 1 = ₹ 100 ₹ 50 × 1 = ₹ 50 ₹ 10 × 1 = ₹ 10 ₹ 5 × 1 = ₹ 5 Total = ₹ 265

Try This (Text Book Page No. 36)



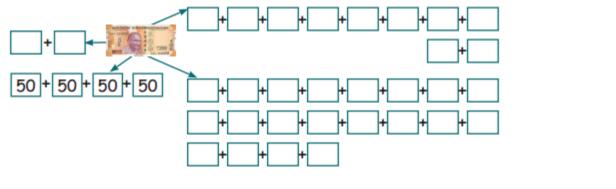
Activity (Text Book Page No. 36)

Fill in the box with model notes.

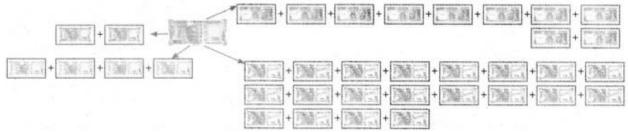


Activity (Text Book Page No. 36)

Take a sheet of paper and cut out the model notes (\gtrless 10, \gtrless 20, and \gtrless 100). Affix it below the boxes provided to get the total of \gtrless 200. One is done for you.



Answer:



Let us try (Text Book Page No. 41)

(i) ₹ 24.60

₹ 23.30

Answer:

₹ 24.60 ₹ 23.30 ₹ 47.90

(ii)

₹ 44.50

₹ 22.20

Answer:

₹	44.50	
₹	22.20	
₹	66.70	
<u> </u>	ii) 539.80)

₹ <u>64.70</u>

Answer:

1 1 ₹ 39.80 ₹ 64.70 ₹ 104.50 (iv) ₹ 48.35 ₹ <mark>54.67</mark>

Answer:

1 1 1 ₹ 48.35 ₹ 54.67 ₹ 103.02

Let us try (Add Book Page No. 41)

Subtract the following

(i)

₹ 85.45

-₹65.75

Answer:

♥ 14) 14
₹ 85.45
₹ 65.75
₹ 19.70
(ii)
₹ 94.27
- ₹ 36.18

	814117		
	₹ 94.27		
-	₹ 36.18		
	₹ 58.09		

(iii)

₹	58	45
Ŧ	40	15

- ₹ 49.15

Answer:

	(Ð17)
	₹₹	58.45
-	- ₹ 49.1	
	₹	9.30

(iv) ₹ 74.50 -₹55.50

Answer:

617 ₹ 74.50 - ₹ 55.50 ₹ 19.00

Let us try (Add Book Page No. 44)

Find the cost per item, if the total cost is given. One is done for you.

Items	Number of Items	Total cost of the item	Cost per item
Book	5	₹250	₹250 ÷ 5 = ₹50
Bulb	9	₹1350	₹1350 ÷ 9 = ₹150
Clock	6	₹ 1500	₹1500 ÷ 6 = ₹250

Fill in the following

5.No.	Items	Cost per item	Number of items	Total cost of the item
1.	Тор	₹8	25	₹8 × 25 = ₹200
2.	Marble	_	30	— x 30 = ₹210
3.	Ball	₹9	23	-
4.	Ring Ball	₹11	-	₹11 × — = ₹200
5.	Doll	₹6	18	-

Answer:

S.No	Items	Cost per item	Number of items	Total cost of the item
1.	Тор	₹8	25	₹8 × 25 = ₹200
2.	Marble	₹7	30	₹30 × 7 = ₹210
3.	Ball	₹9	23	₹23 × 9 = ₹207
4.	Ring Ball	₹11	20	₹11 × 20 = ₹220
5.	Doll	₹6	18	₹6 × 18 = ₹108

Let us try (Add Book Page No. 47)

Find the estimated of the total cost

Rate	Estimated value	Reason
₹ 8.50	₹9	The estimated value of 50 paise
₹ 7.30		or above 50 paise rounded off to
₹ 4.60		the next nearest rupees.
₹45.70		
₹34.50		

Rate	Estimate value	Reason
₹ 8.50	₹9	
₹7,30	₹7	The estimate value of 50
₹ 4.60	₹5	paise or above 50 paise rounded off to the next
₹ 45.70	₹46	nearest rupees.
₹ 34.50	₹35	A STREET AND A STREET

Estimate the following rupees (before or after) using the multiples of ₹ 10.

Actual price	Estimated price
₹53	₹50
₹67	
₹48	
₹24	
₹97	

Answer:

Actual price	Estimated price
₹53	₹ 50
₹67	₹70
₹48	₹50
₹24	₹20
₹97	₹10

Deepak bought groundnut cookies for ₹ 24.40. Dhal mixture for ₹ 34.60 and murukku for ₹ 28.75. He prepared to estimate the value to the nearest rupees.

Things	Actual price	Estimated price	Difference in paise
Groundnut	₹24.40	₹24	40 paise
Dhal mixture	—	₹35	40 paise
murukku	₹28.75	₹29	—
Total	₹87.75	₹88	25 paise

Things	Actual price	Estimated price	Difference in paise
Groundnut	₹24.40	₹24	40 paise
Dhal mixture	₹ 34,60	₹35	40 paise
murukku	₹ 28.75	₹29	25 paise
Total	₹ 87.75	₹88	25 paise