CHAPTER-15

Money

How many paise are there in a rupee?

Think and answer-

How many 50 paise coins will you get instead of 1 rupee?

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How many 25 paise coin will you get instead of 1 rupee?

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You saw that you got two 50 paise coins instead of 1 rupee

Meaning 50 p. + 50 p. = 100 paise

Instead of 1 rupee you get 4 coins of 25 p. each 25 p + 25 p + 25 p + 25 p = 100 p.

Thus each time you got 100 paise.

Now can you say how many coins of 20 paise will you get instead of rupee?



You now know

100 paise = 1 rupee

Let us see the same by converting paise to rupees. How do we write this?

As 100 paise = 1 rupee

1 paise

$$=\frac{1}{100}$$
 rupees

= 0.01 rupees

Money

1 paise = 0.01 rupees ∴ 50 paise = 0.01x50 rupees = 0.50 rupees Hence 50 p. = 0.50 rupees You can do this in another way too : 100 paise = 1 rupee 1 paise = $\frac{1}{100}$ rupee 50 paise = $\frac{1}{100} \times 50$ rupees = $\frac{50}{100}$ rupees

$$= 0.50$$
 rupees

Similarly-

5 paise $=\frac{5}{100}$ Rs. = 0.05 Rs. and 15 paise $=\frac{15}{100}$ Rs. = 0.15 Rs.

Now change the given paise to rupees and write the answer :

(1)	25 paise	(2)	35 paise	(3)	50 paise	(4)	45 paise
(5)	55 paise	(6)	64 paise	(7)	75 paise	(8)	80 paise
(9)	85 paise	(10)	96 paise				

Fill in the blanks :

- (1) 3 paise = rupees
- (2) 8 paise = rupees

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(3)	10 paise	=	•••••	rupees
(4)	15 paise	=	•••••	rupees
(5)	37 paise	=	•••••	rupees

Can you say how many rupees equals rupees 10 and 75 paise?

Let us understand-

In 10 rupees and 75 paise, there are 10 rupees but we need to convert 75 paise to rupees

Solution : 10 rupees 75 paise = 10 Rs. + 75 p. = 10 Rs. + $\frac{75}{100}$ Rs. = 10 Rs. + 0.75 Rs. = Rs. 10.75

Hence, Rs. 10 & 75 p = Rs. 10.75

Now you convert the given rupees and paise to rupees :

(1)	15 rupees 15 paise (2)	22 rupees 20 paise
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- (3) 36 rupees 45 paise (4) 53 rupees 65 paise
- (5) 60 rupees 60 paise

Fill in the blanks :

(1)	Rs. 17, and 22 p. $=$	Rs
(2)	Rs. 46, and 76 p. =	Rs
(3)	Rs. 66, and 50 p. =	Rs
(4)	Rs. 70, and 85 p. =	Rs
(5)	Rs. 86, and 25 p. =	Rs

The accounts of a market

Example 1 : Chitra bought tomatoes for Rs. 9.50 and ladys fingers for Rs. 17.75. So how much money did she spend in total ?

Solution	: The cost of tomatoes	Rs. 9.50
	Lady finger	Rs. 17.75
	Total cost	Rs. 9.50+17.75
	That is	Rs. 27.25
	Hence Chitra spent a total of	Rs. 27.25.

Example 2 : Monu went to the market with Rs. 75. She spent Rs. 25 & 50 p. So how much many is left with her?

Solution	:	Monu had with her	Rs. 75
		She spent	Rs. 25 & 50 p.
		or	Rs. 25.50
		Amount left with her =	75.00 - 25.50 = Rs. 49.50
	Η	ence Monu is left with Rs.	49.50.

Solve these:

- 1. Mukesh bought a pair of socks worth Rs. 23 & 75 p., a watch worth Rs.175 and a pair of spectales worth Rs. 90 & 50 p. How much money did he spend in total?
- 2. Akhtari has Rs. 64.50 with him. How much more is needed to make this amount Rs. 141.25?
- 3. Rashmi bought a chocolate for Rs. 9 biscuits for Rs. 12.50 and sugar for Rs.20.50. How much did she spend in all?
- 4. Surjit has Rs. 110.25 with him. He bought sweet worth Rs. 17.50. How much money is left with him?
- 5. Atri had Rs. 327 with him. He bought rice worth Rs. 72.50 wheat worth Rs.50.25 and sugar worth Rs. 50. How much amount is now left with him?

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Let us solve some more questions :

Example 3 :	Gaja has 35 kg. of seeds with a selling these if the cost of 1 kg of	him. How much would he earn on of seeds in Rs. 5.50.
Solution :	Given 1 kg seeds cost	Rs. 5.50
	We want to know the cost of 35	5 kg of seeds
	1 kg seeds cost	= Rs. 5.50
	35 kg seeds would cost	$= 5.50 \times 35$
		= Rs. 192.50

Example 4 : The cost of 3 copies is Rs. 43 & 50 p., so what is the cost of 1 copy?

Solution: Given that 3 copies cost= Rs. 43 & 50 pWe want to find cost of 1 copy= ?3 copies cost= Rs. 43.501 copy costs= 43.50 \div 3= Rs. 14.50

Hence 1 copy will cost Rs. 14.50.

Solve these -

- 1. Phoolsingh is paid Rs. 63 & 75p. per day as labour charge. So what amount would he get for 7 days?
- 2. If the cost of 7 kg. of Dal is Rs. 214.90, what is the cost of 1 kg. of Dal?
- 3. A class of 35 students collected Rs. 87 & 50p. So how much average amount did each student contribute?

- 4. 1 metre of tape costs Rs. 1 & 75p. so what is the cost of 12 metres of tape?
- 5. The cost of 10 pens is Rs. 88 & 50p., so what is the cost of 1 pen?
- 6. The cost of 12 litres of diesel is Rs. 415 & 20 p. so what is the cost of 3 litres of diesel?

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