

Students will be able to represent an amount using a combination of same/ different currency notes and coins

40- 50 min

PRE REQUISITES:

G2.23 Know how to represents an amount using notes and coins upto Rs.100

TLM



Dummy currency notes and coins of all denominations up to Rs. 500(draw only Rs 10, 100 and 500

1 bowl

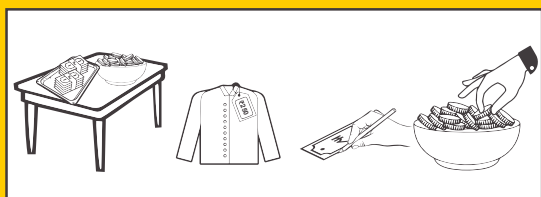
MISCONCEPTIONS

None

KEY VOCABULARY

None

PLAY



Arrange the note and coins

Tell price of a shirt

Ask students to pick the correct notes/coins

Using currency notes and coins

Place dummy notes & coins in a tray or a plate. Draw everyday items like a shirt, a belt, a pair of socks, etc

Draw price tag along with each item. Ensure prices on the tag are in simple multiples of 100, 50, 10, 5, 2. Eg; Rs.200

Call two students and ask them what they would like to purchase

Ask them to purchase the item they want using the dummy coins and notes

Help the students pick the correct number of notes or coins

QUESTION

Can I pay Rs.200 using only notes of Rs. 50? How many notes would I have to give?

Repeat with other students

PROCESS

$$575 = 500\text{₹} + 50\text{₹} + 20\text{₹} + 5\text{₹}$$

$$575 = 200\text{₹} + 100\text{₹} + 100\text{₹} + 100\text{₹} + 50\text{₹} + 10\text{₹} + 10\text{₹} + 5\text{₹}$$

Combinations of notes and coins

Remind students that currency notes come as notes of Rs. 10, 20, 50, 100, 200,& 500.Show 1 note of Rs. 500 & 1 of Rs. 100

Point to the value written in numerals on each currency note and tell their values

Tell that a note of Rs. 500 and another note of Rs. 100 make a total of Rs. 600. Write Rs 500 + Rs. 100 = Rs. 600

Show another note of Rs 100 & tell the total amount is Rs.700. Write Rs. 500 +Rs. 100 + Rs. 100=Rs. 700

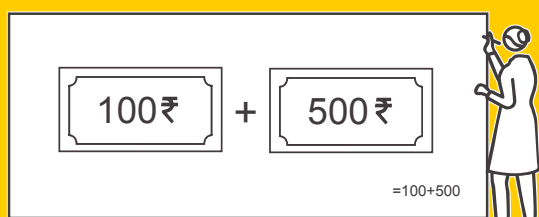
Explain that notes and coins can be similarly added to make the required amount

Write Rs.. 575 and tell students that a note of Rs. 500, 7 notes of Rs. 10 and a Rs. 5 coin can be used to purchase an item which costs Rs. 575

QUESTION

Can you make Rs.100 using Rs. 10 coins only? How?

PRACTICE



Write the question on the black board and ask the students to solve

Help the students solve question 2 from the worksheet. Ask the students to look at the notes and coins and calculate the total value

S.No.	Notes and Coins	Amount
1	100₹, 500₹	
2	50₹, 100₹, 20₹	
3	500₹, 100₹, 5₹, 2₹	

Ensure that students identify the notes and coins correctly. Ask them to look for value written in numerals to know the correct value of each coin or note

Help the students solve question 4 from the worksheet. Ask the students to tell how many notes of 10 will be required to make Rs. 20

How many 10₹ make ₹20? _____

How many 50₹ make ₹150? _____

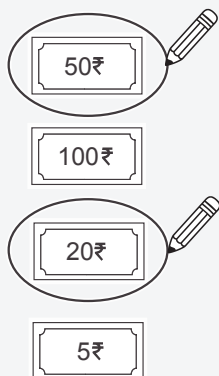
Tell the students that Rs. 20 can be made using 4 coins of Rs. 5 also. Explain that multiple combinations of coins and notes can be used to make the same value



G3.53 | REPRESENT AN AMOUNT

WORKSHEET: TIME, MONEY AND DATA HANDLING CONCEPTS - NCERT CHAPTER 14: RUPEES AND PAISA

- ① SOLVED EXAMPLE : Circle the notes you will need to make Rs. 70



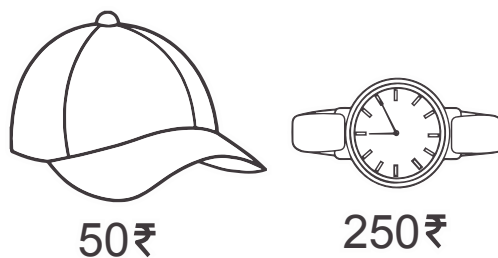
- ② Calculate the total value

S.No.	Notes and Coins	Amount
1	100₹ 500₹	
2	50₹ 100₹ 20₹	
3	500₹ 100₹ 10₹ 5₹	

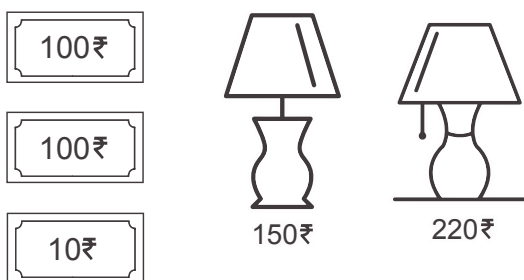
- ③ Answer the questions

- a. How many [10₹] make Rs. 20 ?
- b. How many [50₹] make Rs. 150 ?

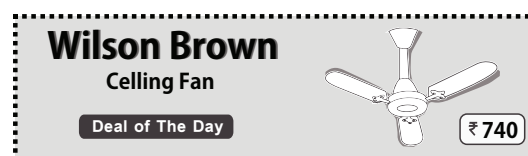
- ④ Which of these can you buy if you have a Rs. 100 note?



- ⑤ Which of these can you buy if you have 2 notes of Rs. 100 and 1 note of Rs. 10



- ⑥ Write two different combinations of notes and coins that you can use to buy this fan



Add the notes and find out which group of notes has more value

S.No.	Combination 1	<, >, =	Combination 2
1	500₹ 200₹ 50₹ 100₹		500₹ 200₹ 100₹ 10₹ 10₹

S.No.	Combination 1	<, >, =	Combination 2
2	200₹ 50₹ 100₹ 50₹ 200₹		500₹ 10₹ 10₹ 50₹