



G3.22 | SUBTRACTION WORD PROBLEMS (3-DIGIT NO.S)

Number Operations Concepts - NCERT Chapter 6: Fun with Give and Take (sum upto 999)

Students will solve one-step word problems involving sub of 3-digit numbers with and without regrouping

40- 50 min

PRE REQUISITES:

G3.21 Know how to subtract 3-digit numbers with regrouping (borrow)

TLM

None

MISCONCEPTIONS

None

KEY VOCABULARY

None

PLAY



Role play and subtraction stories

○ Prepare paper slips and mark them as Rs.10, Re 1, Rs.5

○ Call 4 student & ask them to role play as you narrate the story

○ Assign the role of 3 friends to 3 students and the role of shop keeper to the fourth student

○ Narrate the story, "3 friends paid Rs.10 each & bought some sweets worth Rs. 30"

○ The shopkeeper gave them Rs.5 discount

QUESTION

How much did the sweets cost in all?

○ Continue the story "Since there were only 3 people so he gave them Rs.1 in return and kept remaining Rs.2"

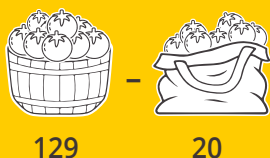
QUESTION

Can you tell how much money did each friend pay? How much did they pay in all?



PROCESS

	H	T	O
	1	2	9
-		2	0
=	1	4	9



Writing number sentence based on word problems

○ Tell the question: Mathew had 129 tomatoes in a basket. He sold 20 tomatoes. How many tomatoes are left in the basket?

○ Emphasize that we have to find out how many tomatoes are left in the basket after some tomatoes have been sold off

○ Tell questions describing events where objects, animals, persons are removed can be written as subtraction no. statements

○ Write 129-20 on the board. Solve using vertical algorithm. Remind Ones digits are subtracted first

○ Tens digits are subtracted next followed by hundreds digits. Narrate the question: Lake at Misrichak village is 549m long

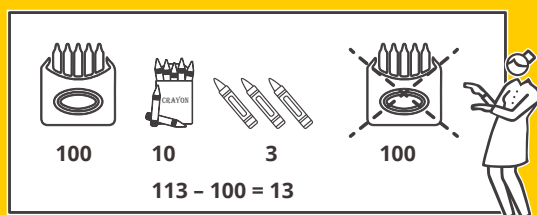
○ The lake at Nimrichak village 345m longer. How much longer is it than the lake at Misrichak village

○ Questions that require finding difference between two no.s can be written as subtraction no. statements. Write 549m-345m

○ Solve by vertical algorithm. Tell the lake at Misrichak is 204m longer than lake at Nimrichak village



PRACTICE



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

○ Help the students solve question 3 from the worksheet. Ask the students to read the questions and find the answer. "Sanjana has a packet of 100 crayons. Sania has 113 crayons. How many more crayons does Sania have than Sanjana?"

QUESTION

How did you know which number to subtract from which number? Could you also write the number sentence for this question as 100-113?

○ Help the students solve question 5 from the worksheet. Ask the students to find how many apples should be removed from a basket of 200 apples so that there are only 100 apples left

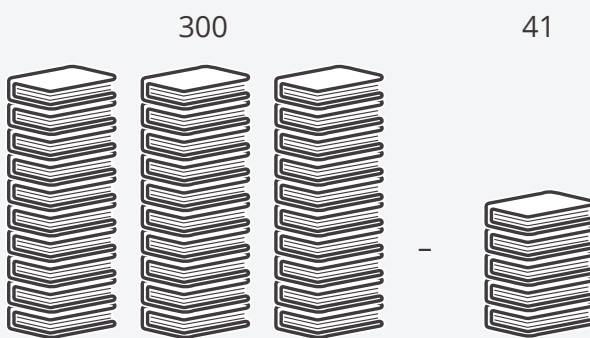
QUESTION

How did you know you had to subtract the two number?

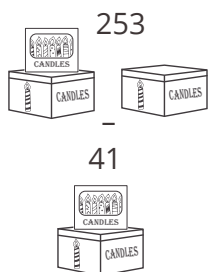


- ① SOLVED EXAMPLE : A bookstore has 300 books. How many will remain in 41 books are given away ?

	100	10	1
	3	0	0
-		4	1
=	2	5	9

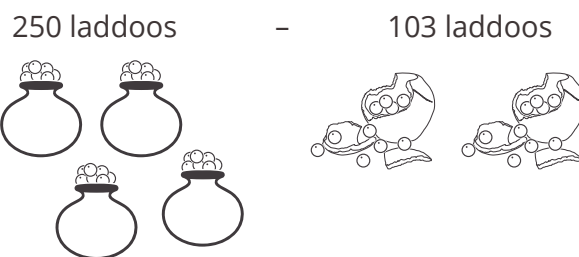


- ② Manjunath stocked 2 bundles of 100 candles each and a small box of 53 candles. A customer bought 131 candles. How many candles does Manjunath have now?

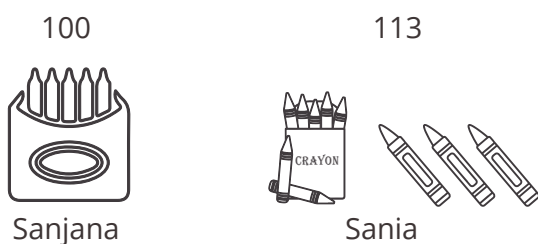


	100	10	1
	2	5	3
-	1	3	1
=			

- ③ Nasreen made 250 laddoos and kept them in some vessels. 2 vessels broke spoiling 103 laddoos. How many laddoos remain with Nasreen now?



- ④ Sanjana has a packet of 100 crayons. Sania has 113 crayons. How many more crayons does Sania have than Sanjana?



- ⑤ How many apples should be removed from a basket of 200 apples so that there are only 100 apples left



A truck carrying 423 water melon turned over. Only 25 water melons are unspoilt. How many water melons were spoilt?