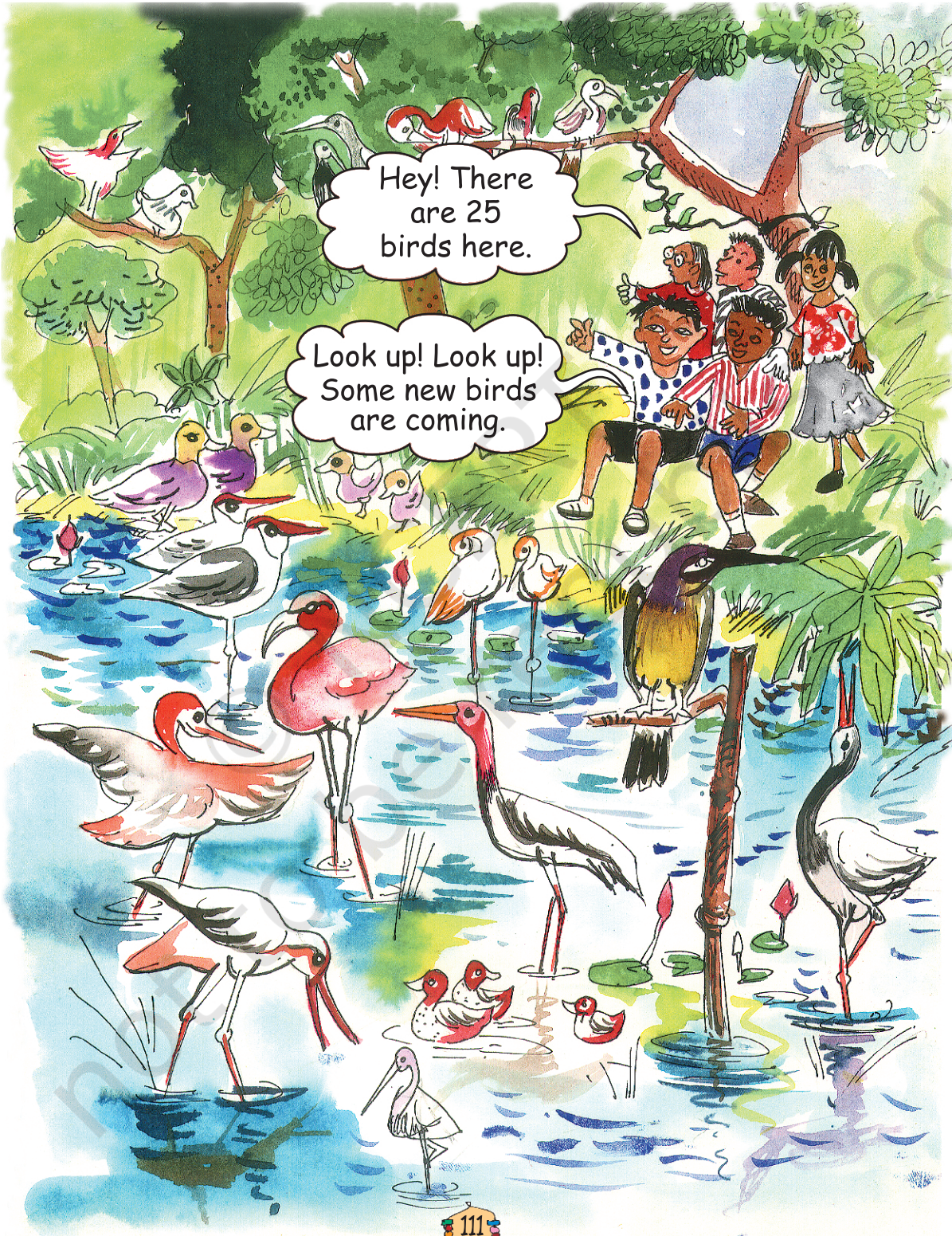




Birds Come, Birds Go

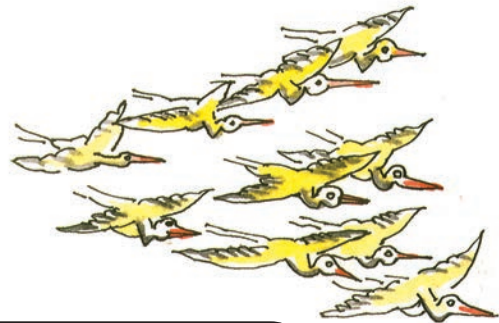


0219CH14

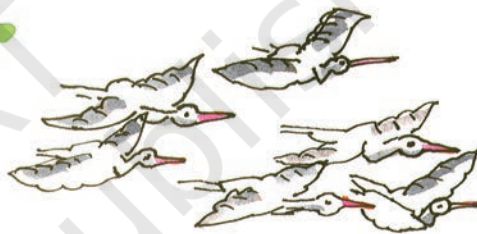




Let us count them using our cards.

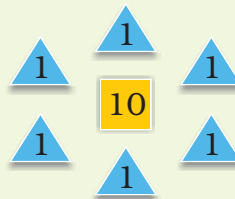


Uhm---m!
One 10 card for this whole group!



And six 1 cards for this group of birds.

So, these cards show 16 birds.

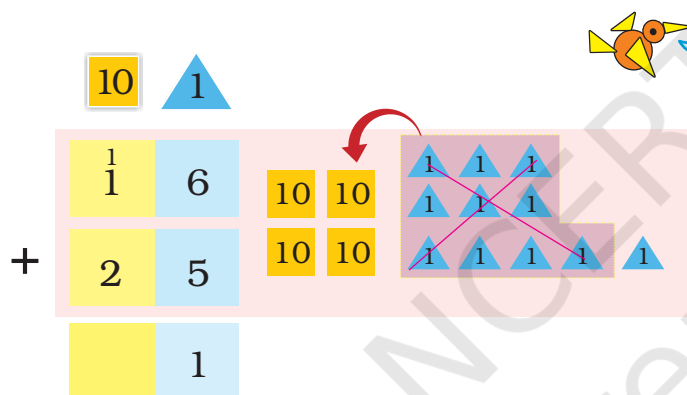
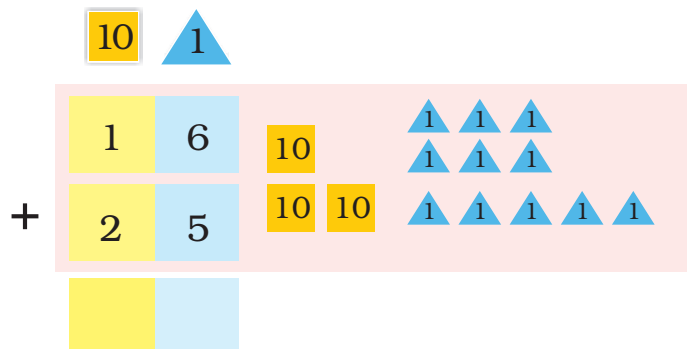


But where did they all come from?

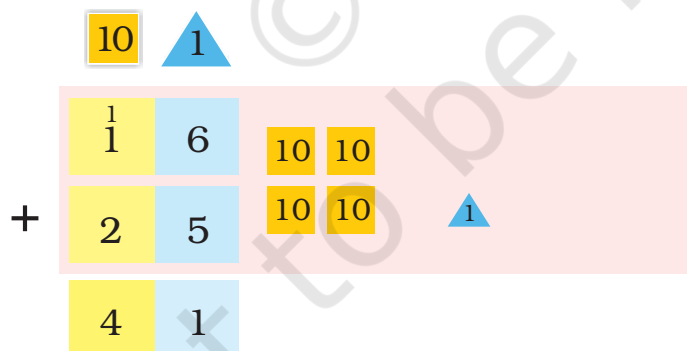
This could be a good chance to initiate a discussion about migrating birds coming from far-off places. Also encourage and help children to recognise patterns in which different birds fly.

❖ Soon 25 more birds flew in. Let us add to see how many birds in all there are now.

For $16 + 25$ we write:



Putting all the 1 s together, we get eleven 1 s. Of those, ten 1 s make one 10 . And we are left with one 1 .



Now putting together all the 10 s, we get four 10 s.

So, the total number of birds is 41.

In chapter 8, children would have made token cards. The same token cards should be used before children do written sums.

How Many Cranes and Swans?



In the same way, we will add the number of swans and cranes.

	10	1	
Number of Swans	3	9	10 10 10 1 1 1 1 1 1 1
Number of Cranes +	3	1	10 10 10 1



Also try adding without writing.

The total number of swans and cranes is _____.



One morning, Suraj saw that out of 70 birds only 26 birds were left. The rest had gone away.

❖ How many birds have gone away?

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline 10 & 1 \\ \hline \end{array} \\
 \begin{array}{|c|c|} \hline 7 & 0 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline 2 & 6 \\ \hline \end{array} \\
 \hline
 \end{array}$$

Base ten blocks representation: 7 tens and 0 ones minus 2 tens and 6 ones. The result is 5 tens and 4 ones (54).

_____ birds have gone away.

Suraj, don't be sad!
Let us hope they
come back next year.



Practice Time

- Rahul scored 23 runs in a cricket match and Dhoni scored 69. How many runs did they make in all?

	10	1
	2	3
+	6	9



They made _____ runs in all.

- Dema sold 48 shawls in a fair. Next day he sold 17 more shawls. How many shawls in all did he sell?

	10	1

Dema sold _____ shawls in all.

- Bunnu rabbit can eat 29 carrots in one week. Munnu rabbit can eat 42 carrots in one week. Who eats more in a week, and by how much?

	10	1



_____ eats _____ more carrots.

❖ Neha is 29 years old. Her mother is 58 years old. How many years older is Neha's mother?

10	1

Mother is _____ years older than Neha.

Find the Answer

2	4	3	2	6	8	1	9	
+	1	7	-	2	7	+	3	9

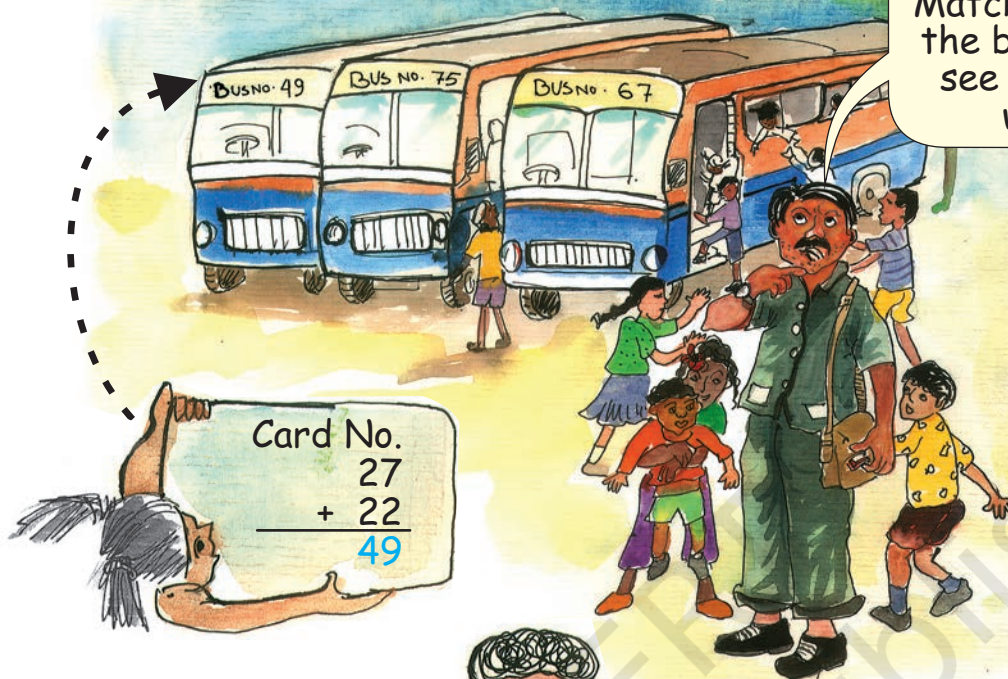
5	4	7	3	8	0	4	3	
+	4	3	-	5	9	-	2	7

3	9	4	8	9	4	7	6	
-	2	5	+	3	8	-	2	8

More such examples may be set for practice.

Catch the Right Bus!

Solve to get the bus number on each card.
Match the card with the bus number and see who will sit in which bus.



Card No.

$$\begin{array}{r} 27 \\ + 22 \\ \hline 49 \end{array}$$

Card No.

$$\begin{array}{r} 48 \\ + 19 \\ \hline \end{array}$$

Card No.

$$\begin{array}{r} 88 \\ - 21 \\ \hline \end{array}$$

Card No.

$$\begin{array}{r} 47 \\ + 28 \\ \hline \end{array}$$

Card No.

$$\begin{array}{r} 93 \\ - 18 \\ \hline \end{array}$$

Card No.

$$\begin{array}{r} 37 \\ + 12 \\ \hline \end{array}$$

Card No.

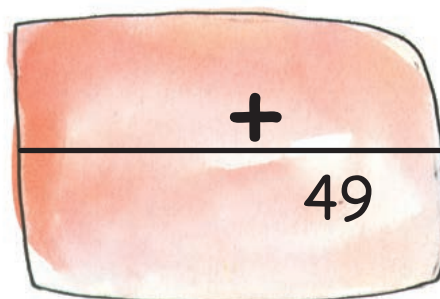
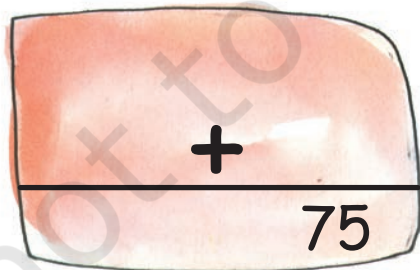
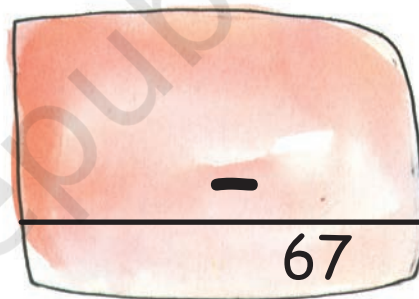
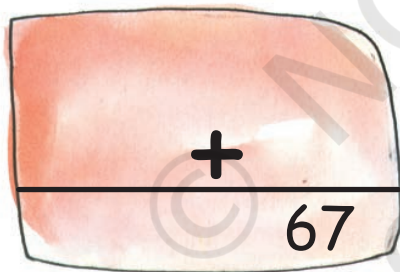
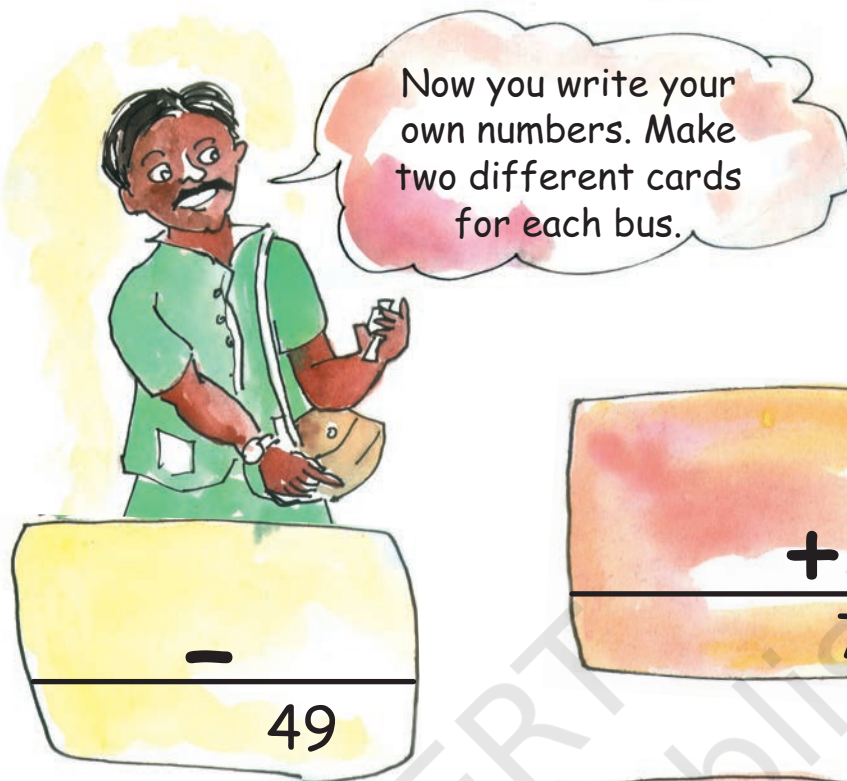
$$\begin{array}{r} 38 \\ + 37 \\ \hline \end{array}$$

Card No.

$$\begin{array}{r} 25 \\ + 24 \\ \hline \end{array}$$

Card No.

$$\begin{array}{r} 99 \\ - 32 \\ \hline \end{array}$$



More such exercises can be done to make children see how any number can be made using different combinations of numbers by addition and subtraction.

Cross Me Out!



Come! Today, we will play 'cross me out' with our teacher.

Think of some numbers between 10 to 50. Write them in the box. Do not repeat a number.



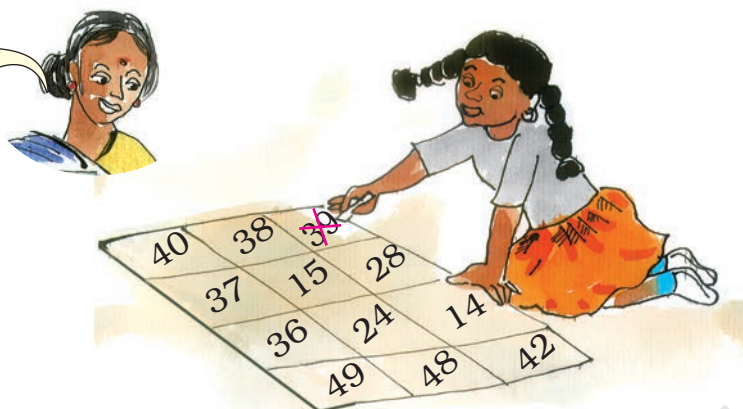
Cross out the number you get by adding 27 and 12!

$27 + 10 = 37$
and plus 2 is 39.



Parents can help children in playing this game. Call out simple addition sums like $18 + 4$. Gradually proceed to more challenging additions. Also give children turns to speak out numbers while parents do the crossing out. Similar games can be used for subtraction as well.

Come on! Cross out 39!
Whoever crosses out
all the numbers first
will be the winner.



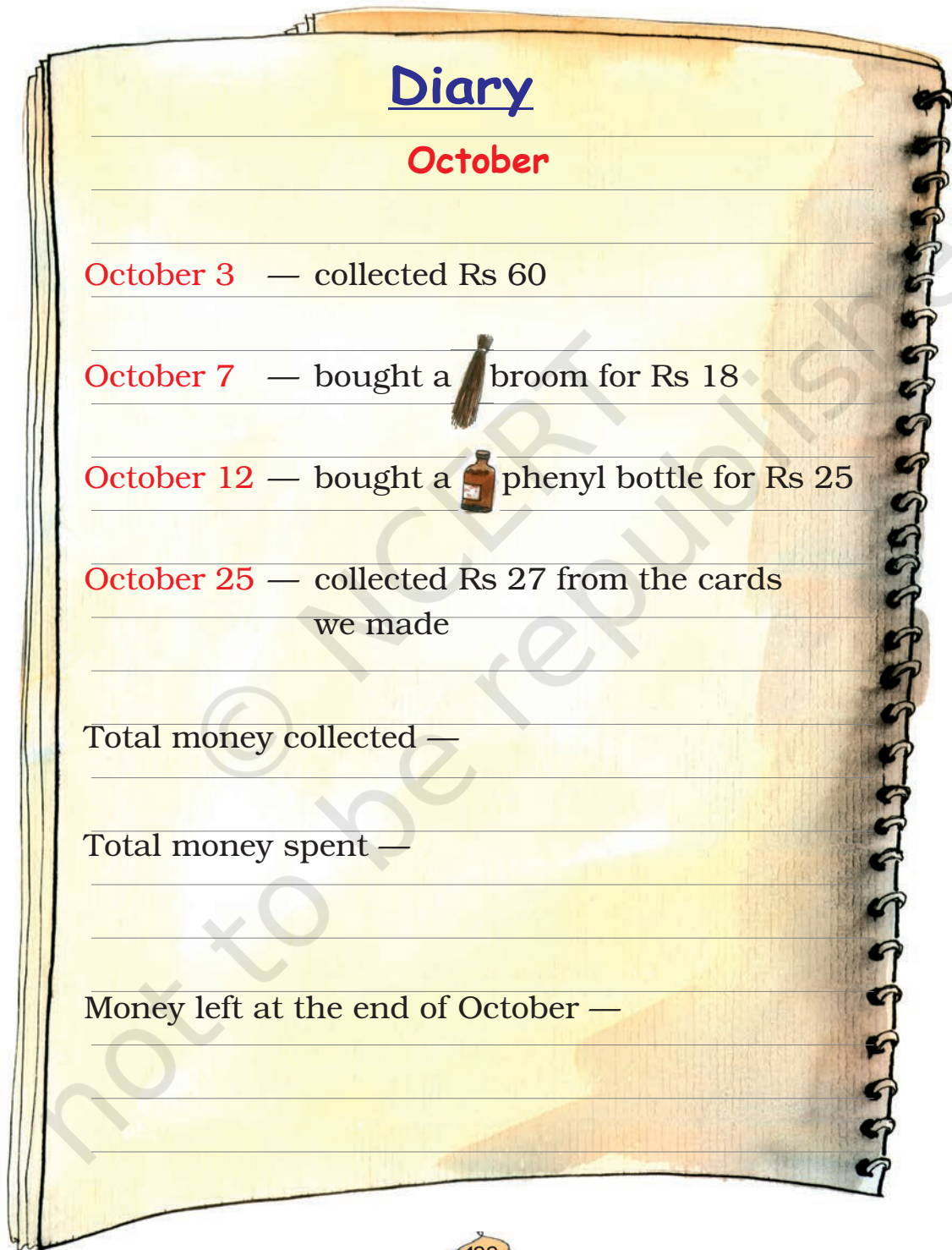
Ask your teacher or friend to speak out two numbers to
add. Continue with this game further.

Chakachak Toli



Chakachak in Hindi means clean and shining.
Chakachak Toli is the name of a group of children who
work to clean their park.

Shreya keeps the record of the money and writes it in her diary. Help Shreya to find how much money is left at the end of the month.



Diary

October

October 3 — collected Rs 60

October 7 — bought a  broom for Rs 18

October 12 — bought a  phenyl bottle for Rs 25

October 25 — collected Rs 27 from the cards we made

Total money collected —

Total money spent —

Money left at the end of October —

Children of *Chakachak Toli* counted the number of trees in the park.

Trees	Number of trees
	90
	75
	82
	68
	94

❖  trees were more than  trees. How many more?

❖ Draw the tree which is least in number.

❖ Draw the tree which is most in number.

❖ Children planted some more  trees to make 100.
How many more did they plant? _____