

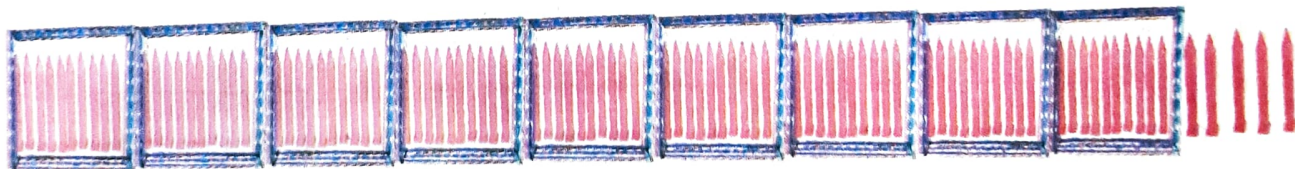


Bindiya's Shop



It was Deepawali. Bindiya's father opened a shop of earthen lamps and candles. Ravi and Roli went to Bindiya's shop. Bindiya had been helping her father since morning. Ravi and Roli also began to pick the lamps from the basket and make heaps of 100 lamps each. Bindiya put the packets of 10 candles each in a row

Bindiya said - father, I have put 9 packets of 10 candles each. Her father gave her 5 loose candles and said - "Keep them also there."



You tell, how many candles are there?

Look- 9 packets of - 10 candles each = 9 tens = 90

5 loose candles = 5 ones = + 5

Total candles = 95

Roli asked Bindiya's father "Uncle 5 heaps of 100 lamps each have been made. Some lamps are still left." Father replied, "Now put heaps of 10 lamps each in front of the shop." After putting three heaps of 10 lamps each, Roli found that 7 lamps are left. She did not know what to do with them. Just then Bindiya's father asked- "How many lamps are there now?"

➤ You tell, how many lamps will there be?

Look-	5 heaps of 100 lamps	= 5 hundreds	=	500
	3 heaps of 10 lamps	= 3 tens	=	30
	7 lamps that are put aside	= 7 ones	=	+ 7
	Total lamps		=	<u>537</u>

You can write in this way too-

$$5 \text{ hundreds} + 3 \text{ tens} + 7 \text{ ones} = 500 + 30 + 7 = 537$$

At the same time a man came to buy the candles. He bought 2 packets and 1 loose candle. Father asked Bindiya- "Now how many candles are left?"

Bindiya replied that 7 packets and 4 loose candles were left.

Look, how did Bindiya know-

	packet	loose
	(T)	(O)
	9	5
•	— 2	1
	<u>7</u>	<u>4</u>

The number of candles left- 7 tens and 4 ones or 74.

Just then Ravi said, my mother has also asked me to bring 26 candles.

Bindiya began to think how to give 26 candles? There are only 4 loose candles while 6 loose candles are required along with 2 bundles .

Now you try to help Bindiya-

Look- 1 packet of candle will have to be opened. Now loose candles will be $10 + 4 = 14$ and 6 packets. Bindiya will easily give 2 packets and 6 loose candles.

Father asked- How many candles are left now?

Bindiya calculated

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{6} \quad \textcircled{14} \\
 \text{7} \textcircled{1} \rightarrow \text{4} \\
 - 2 \quad 6 \\
 \hline
 \end{array}
 \longrightarrow
 \begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{6} \quad \textcircled{14} \\
 \text{7} \textcircled{1} \rightarrow \text{4} \\
 - 2 \quad 6 \\
 \hline
 8
 \end{array}
 \longrightarrow
 \begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{6} \quad \\
 \text{7} \quad 4 \\
 - 2 \quad 6 \\
 \hline
 4 \quad 8
 \end{array}$$

Candles left- 4 tens and 8 ones or 48

Another customer came to buy lamps. He asked for three heaps of 100 lamps, two heaps of 10 and 5 lamps. Now Bindiya's father asked Roli, "Daughter count and tell how many lamps are left?"

➤ Think- How many earthen lamps would have been left? Look- There were 5 heaps of 100 earthen lamps each. 3 heaps are sold.

And 2 heaps are left.

5 hundreds - 3 hundreds = 2 hundreds or $500 - 300 = 200$

There were 3 heaps of 10 earthen lamps each, 2 heaps are sold. And 1 heap is left.

3 tens - 2 tens = 1 ten or $30 - 20 = 10$

There are 7 earthen lamps in other side, 5 earthen lamps are sold, 2 are left.

You can do it in this way too-

There were lamps in the shop

Lamps sold out

Lamps left

$$\begin{array}{r}
 5 \text{ H} + 3 \text{ T} + 7 \text{ O} \\
 - 3 \text{ H} + 2 \text{ T} + 5 \text{ O} \\
 \hline
 2 \text{ H} + 1 \text{ T} + 2 \text{ O}
 \end{array}$$

2 Hundreds + 1 Tens + 2 Ones = 212

Look and understand-

Now, there are 2 heaps of 100 lamps each : 2 hundreds = 200
 1 heap of 10 lamps is : 1 tens = 10
 2 lamps are put aside : 2 ones = 2
 Therefore, total lamps = 212

One more customer came to the shop to buy lamps. He bought a total of 105 lamps. How many lamps are left there in the shop now?

Let us do it-

Total lamps that are

there in the shop 2 H + 1 T + 2 O

Lamps sold - 1 H + 0 T + 5 O

Lamps left 1 H + 0 T + 7 O

Or

H	T	O
2	1	2
- 1	- 0	- 5
1	0	7

Lamps left - 107

Now do yourself-

9	7	5
- 5	6	7



We have Learnt



➤ First, we subtract ones from ones. If it does not subtract we borrow 1 ten from the tens and subtract. Then subtract tens from remaining tens. After this subtract hundreds from hundreds.

➤ Explain the concept of carry over with the help of bundles and sticks while subtracting.

Exercise



1. Subtract -

$$\begin{array}{r} \text{T} \quad \text{O} \\ 5 \quad 8 \\ - 2 \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ 7 \quad 3 \\ - 5 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ 8 \quad 2 \\ - 6 \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 9 \quad 8 \quad 5 \\ - 8 \quad 4 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 7 \quad 7 \quad 4 \\ - 5 \quad 8 \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 8 \quad 6 \quad 0 \\ - 5 \quad 7 \quad 4 \\ \hline \end{array}$$

2. Fill in the blanks-

$$\begin{array}{r} 9 \quad 7 \quad \square \\ - 5 \quad \square \quad 4 \\ \hline \square \quad 8 \quad 4 \end{array}$$

3. Kush has 32 toffees. He gave 14 toffees to Raunak. How many toffees are left with Kush?
4. There are 275 students in a school. Out of them 132 are girls. How many boys are there in the school.
5. A shopkeeper has 342 kites. 185 kites are sold. How many kites are left with the shopkeeper?

How Much have you Learnt?

1. Write the numbers in digits-

(a) Eighty nine (b) Seventy nine (d) Sixty nine (e) Eight hundred

2. Write the numbers in words-

A. 19 B. 59 C. 139

D. 267 E. 101 F. 999

3. Write the numbers in expanded form-

A. 45 B. 37 C. 98

D. 119 E. 666

4. Find the place value of 2, 3 and 8 in 238.

5. Put the symbol of greater or smaller ($>$ $<$).

729 629 601 610 74 80

6. Complete it-

$\begin{array}{r} 2 \dots \\ + \dots 2 \\ \hline 98 \end{array}$	$\begin{array}{r} \dots 36 \\ + 51 \dots \\ \hline 8 \dots 1 \end{array}$	$\begin{array}{r} 53 \dots \\ - 1 \dots 4 \\ \hline \dots 18 \end{array}$
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7. How many apples will be added to 68 apples to get 88 apples?

8. Raju has 39 sheep and 51 goats. How many animals does Raju have?