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- Conversion of taka to poisa
- · Conversion of poisa to taka
- · Addition of money
- · Subtraction of money
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   T & F, Hots questions, Fun activity (life skill)

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anning objectives

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- · Addition and subtraction of length
- · Converting metres and centimeters
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- Weight
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- WORKSHEET for formative assessment MCQs, Hots questions, Fun activity (life skill)

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170

- Learning objectives
- Warm Up
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- One-third

#### Maths lab activity 2 (concept)

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150

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179

## 2-Digit Numbers

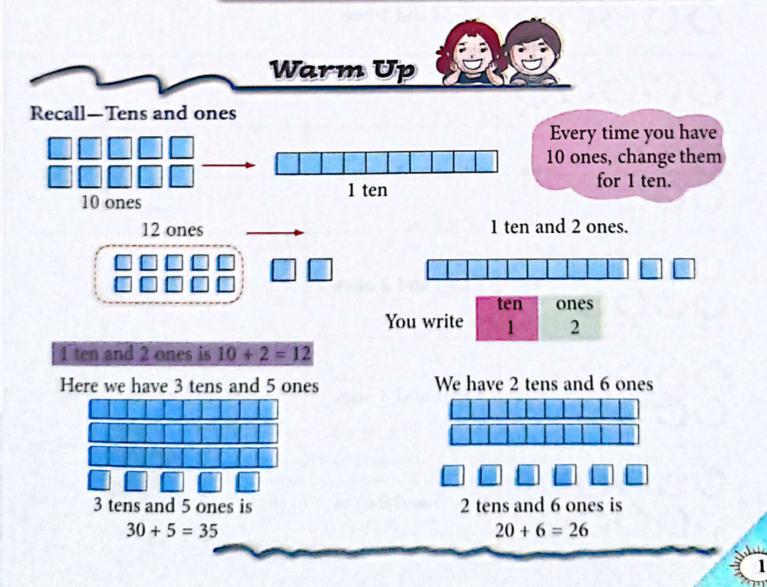


#### Learning Objectives

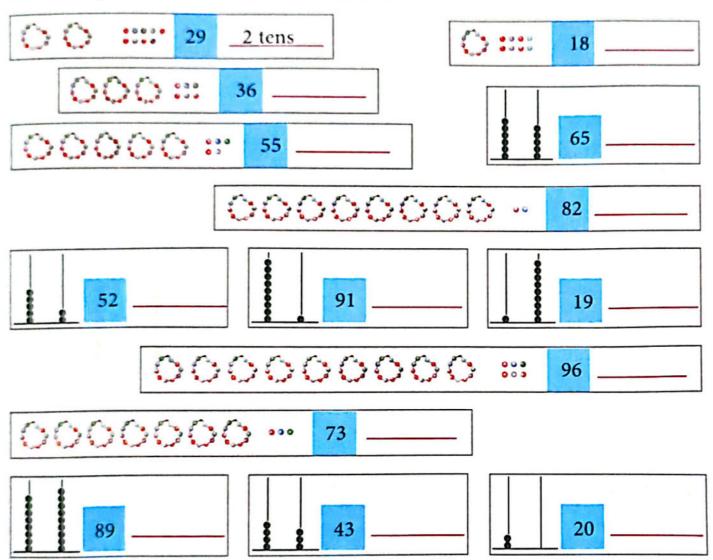


#### You will be able to:

- · express 2-digit number as sum of tens and ones.
- recognise odd and even numbers.
- use a number line to skip count and say which number comes before, after or in between.
- compare two 2-digit numbers and say which is greater.
- arrange numbers in ascending and descending order.



How many tens are there in these numbers?



Write these numbers as tens and ones.

43 4 tens and 3 ones

36 \_\_\_\_\_

42 \_\_\_\_\_

92

25 \_\_\_\_\_

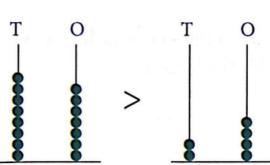
88 \_\_\_\_\_

52 \_\_\_\_\_

66 \_\_\_\_\_

## Comparison of numbers

- Compare 25 and 8. 25 has two digits. 8 has one digit. So, 25 > 8
- T
- Compare 87 and 24. Both numbers have 2 digits. So, compare the tens digit 8 > 2, therefore 87 > 24

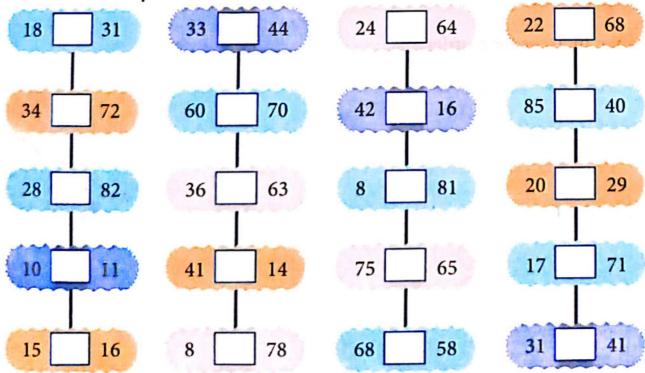


 Compare 67 and 65. Both number have two digits. Both numbers also have the same tens digit. 22433-672 Therefore, compare the ones digits.

7 > 5, therefore 67 > 65

Remember! > means greater than < means smaller than

Fill in the correct symbol > or <.





#### Word problems

 There are 25 boys and 23 girls in Class 3A. How many children are there in the class?

Number of boys	=		25
Number of girls	=	+	23
Total number of children			48

2. Aasia read 56 pages of a book yesterday. She read 33 pages today, How many pages did she read in the two days?



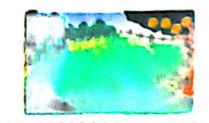
3. Aalia bought 36 apples and 22 bananas.
How many fruits did she buy?



4. In a bus there are 35 boys and 43 girls. How many children are there in the bus?



- 5. There are 52 chalk pieces in one box and 45 in another box. How many chalk pieces are there in all?
- 6. In a garden there are 25 mango trees, 32 guava trees and 42 jamun trees. How many trees are there in all in the garden?



- 7. A fruitseller has 3 baskets. There are 42 fruits in one basket, 34 fruits in the second basket and 23 fruits in the third basket. How many fruits does he have in all?
- 8. In a box there are 33 blue pencils, 24 red pencils and 40 green pencils. How many pencils are there in the box?



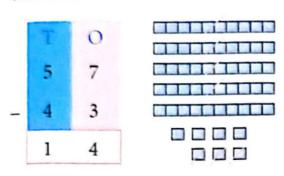
## Subtraction of 2-digit numbers



#### Maths Lab Activity 3

Work out the subtraction of 2-digit numbers on strips of tens and ones as shown below.

Subtract



Step 1: Subtract the ones
7 ones - 3 ones = 4 ones.
Write 4 in the ones column.

Step 2: Subtract the tens
5 tens - 4 tens = 1 ten.
Write 1 in the tens column.

To the teacher: Let children work out some of the subtraction sums on the tens and ones strips and then on paper.

Subtract

Su	ibtrac	t												
	T	0		T	O		T	0		T	O		T	O
	4	4		5	6		3	7		4	0		2	8
-	2	1	-	2	5	-	1	4	-	3	0	-	1	6
	2	3												
	T	O	-	Т	O		Т	О		T	O		T	O
	3	9		5	9		6	3		7	2		8	5
_	1	8	=	3	6	_	2	2	_	1	2	_	2	3
	T	O		T	O	1	T	O		T	O		T	O
	8	9		7	5		8	4		5	3		7	7
-	7	7	_	6	1	-	3	1	-	1	1	,   _	6	6
20 000	T	O		T	O		T	O		T	O		Т	O
	9	6		9	8		9	1		9	9		8	7
_	2	3	_	8	7	=	6	0	_	7	8	.   =	7	7
			+											

Write down the number for each sum.

ing at language and a 9 a

You know that 435 = 400 + 30 + 5. Now, write down these in the same way.

## Numbers 401–500

Fill in the missing numbers.

	402								
411								419	
			424						
					436				
	442								450
		453							
				465					EL SHE
		THE L				477			
	100	383	Eister				488	breig	
	492					38 mg	xhill M	by	1 1000





нто	нто	нто	НТО	НТО
2 0 2	3 2 0	2 2 5	1 5 3	3 2 3
+ 3 3 1	+ 2 0 2	+ 2 0 4	+ 3 4 2	+ 2 3 2
+ 4 2 5	+ 2 6 0	+ 2 6 0	+ 1 0 4	+ 1 1 1
нто	нто	НТО	НТО	НТО
2 8 6		1323 30 30 30 30 30		
	3 3 3	1 0 0	4 0 5	6 6 6
+ 1 0 2	+ 1 1 1	+ 1	+ 3 0 3	+ 2 3 2
+ 3 1 0	+ 2 2 2	+ 11	+ 2 1 0	+ 1 1 1
нто	нто	НТО	НТО	нто
7 2 2	9 2 9	1 2 3	1 2	3 2 3
+ 1 3 4	+ 50	+ 4 5 6	+ 3 4 5	+ 2 3 2
+ 42	+ 20	+ 2 1 0	+ 6 1 0	+ 1 3 1

## 3-digit addition with regrouping



#### **Maths Lab Activity 2**

Look at the two numeral cards.

237

- 148
- Take out hundreds sheets, tens strips and ones slips to show the numbers above.
- Add the ones slips: 7 slips and 8 slips = 15 slips.
- Out of the 15, put together 10 ones slips and make 1 tens strip.
   There are 5 slips remaining.

15 ones = 1 ten and 5 ones

Now add the tens strips:
 3 strips, 4 strips and 1 strip = 8 strips

 Now add the hundreds sheets: 2 sheets and 1 sheet = 3 sheets

rips eets tens ones

We therefore have 3 hundreds + 8 tens + 5 ones = 385

155 E

#### The calendar

Gopal is six years old. After one year he will be seven years old.

One year has 12 months.

Can you fill in the blanks to find their names? The number of days in each month are also given.

31 days
or 29 days
31 days
30 days
31 days
30 days
31 days
31 days
30 days
31 days
30 days
31 days

In most years February has 28 days.

But in a leap year it has 29 days.

A leap year comes after every four years.

There are 365 days in a year but a leap year has 366 days.

These are leap years.

2000

2004

2008

2012

2016

2020

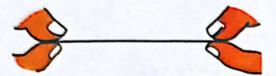




### Straight lines and curved lines



#### Maths Lab Activity 3



Pull a piece of string tightly between your hands. It gives you a straight line.



Now bring the two hands closer. It gives you a curved line.

You can use the edge of a book to draw a straight line.

You can also use a ruler to draw a straight line.

Start from 0.

Draw a line as long as you require.

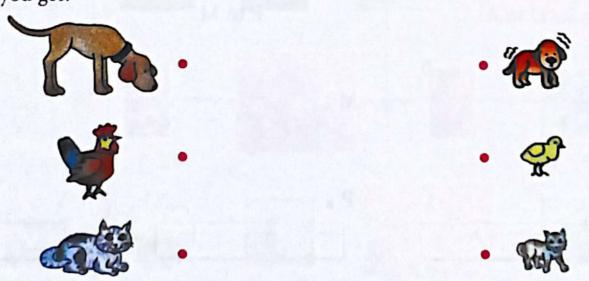


Here, we have drawn a 6 cm line.



## **Maths Lab Activity 3**

Use a ruler to join the mother with the child. What kind of lines do you get?



4 times table

4	1 group of 4	1 four = 4	1 × 4 = 4
4 + 4	2 groups of 4	2 fours = 8	2 × 4 = 8
4+4+4	3 groups of 4	3 fours = 12	3 × 4 = 12
4+4+4+4	4 groups of 4	4 fours = 16	4 × 4 = 16
4+4+4+4+4	5 groups of 4	5 fours = 20	$5\times 4=20$
4+4+4+4+4	6 groups of 4	6 fours = 24	6 × 4 = 24
4+4+4+4+4+4	7 groups of 4	7 fours = 28	7 × 4 = 28
4+4+4+4+4+4+4	8 groups of 4	8 fours = 32	8 × 4 = 32
4+4+4+4+4+4+4+4	9 groups of 4	9 fours = 36	9 × 4 = 36
4+4+4+4+4+4+4+4+4	10 groups of 4	10 fours = 40	10 × 4 = 40

6. How many cricket-balls are there if there are 11 boxes of 30 balls each?



7. There are 64 eggs in a carton. How many eggs are there in 9 cartons?



8. There are 7 days in a week. How many days are there in 52 weeks?



9. A milkman sells milk in 4 lanes every day. Each lane has 124 houses. How many houses does he sell milk to every day?



10. Ali has 112 marbles. Aamir has 3 times the number of marbles that Ali has. How many marbles does Aamir have?



- 11. A shopkeeper has 7 packets of stamps. If each packet has 75 stamps, how many stamps are there altogether?
- 12. A group of people hired 6 buses to go on a tour. Each bus carried 105 people. How many people went on the tour?





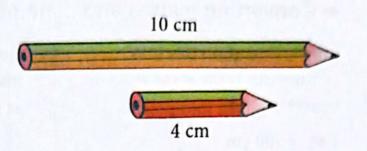
Here are two pencils.

One is 10 cm long.

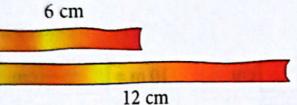
The other is 4 cm long.

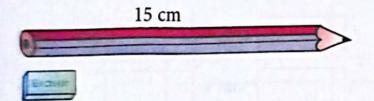
The difference in their lengths is

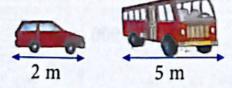
$$10 \text{ cm} - 4 \text{ cm} = 6 \text{ cm}$$



Find the difference between these measurements:







$$5 \text{ m} - 2 \text{ m} = \boxed{\text{m}}$$

