

MATHEMATICS

Part – 1

Standard

IV



Government of Kerala
Department of General Education

Prepared by

State Council of Educational Research and Training (SCERT) Kerala

2025

THE NATIONAL ANTHEM

Jana-gana-mana adhinayaka, jaya he
Bharatha-bhagya-vidhata
Punjab-Sindh-Gujarat-Maratha
Dravida-Utkala-Banga
Vindhya-Himachala-Yamuna-Ganga
Uchchala-Jaladhi-taranga
Tava subha name jage,
Tava subha asisa mage,
Gahe tava jaya gatha
Jana-gana-mangala-dayaka jaya he
Bharatha-bhagya-vidhata
Jaya he, jaya he, jaya he,
Jaya jaya jaya, jaya he.

PLEDGE

India is my country.
All Indians are my brothers and sisters.
I love my country, and I am proud of its rich and
varied heritage. I shall always strive to be worthy of it.
I shall give my parents, teachers and all
elders, respect and treat everyone with courtesy.
To my country and my people, I pledge my devotion.
In their well-being and prosperity alone,
lies my happiness.

Mathematics

4

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Dear children,

We got familiarised with many concepts like shapes, time and patterns in mathematics. We have already learned the addition, subtraction, multiplication and division of small numbers. We have gained many skills like identifying the relation between numbers, forming and completing patterns, identifying new steps for solving problems and problem solving. We have a long way to go. We should learn larger numbers, identify numerical relations, complete and form new patterns and computational thinking. Let's scale more heights by traversing new paths in Mathematics.

Dr Jayaprakash R.K.

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This symbol is used in the textbook for the "Let's try it" activity for convenience.

THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a ¹**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens :

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

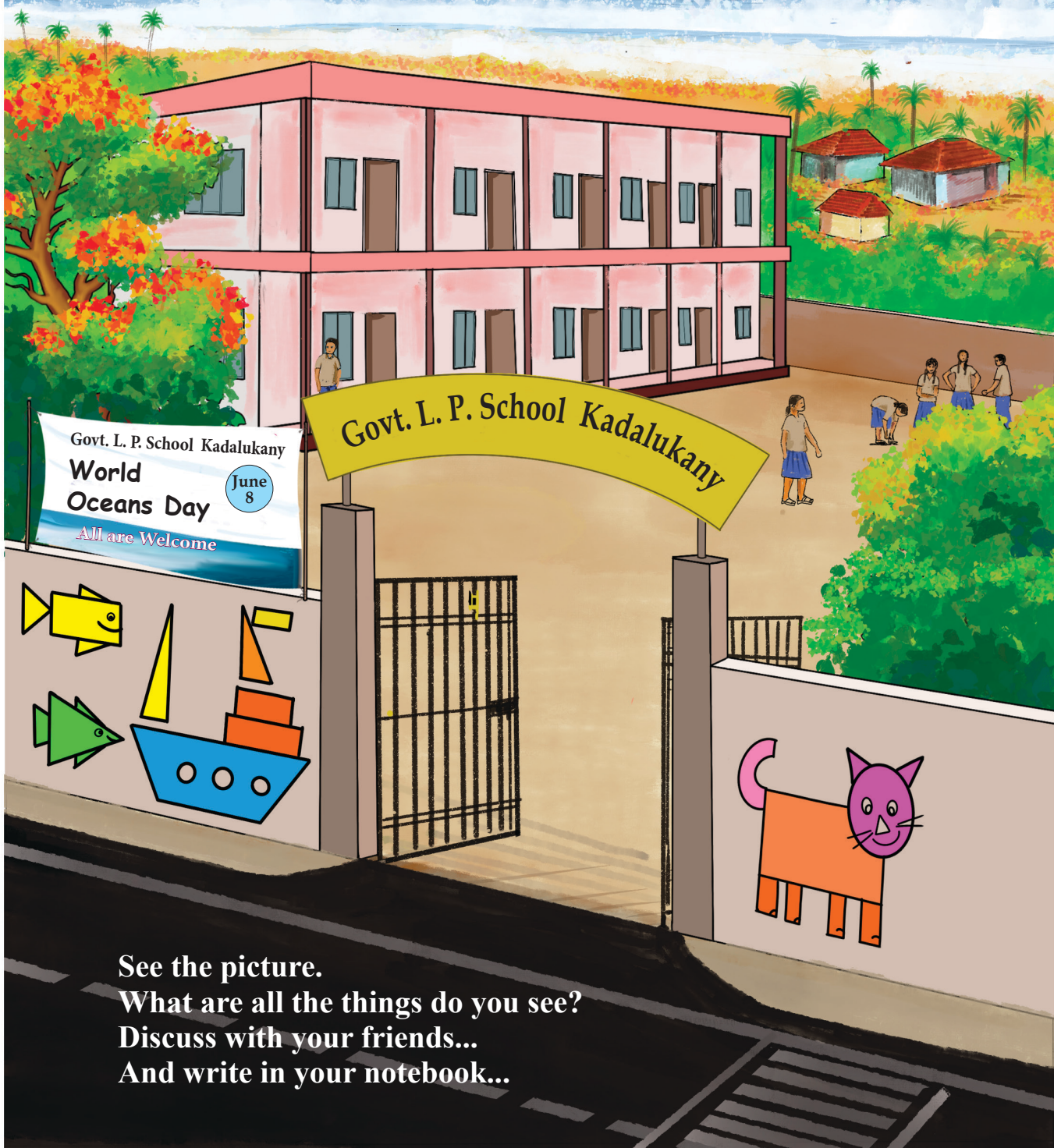
EQUALITY of status and of opportunity; and to promote among them all

FRATERNITY assuring the dignity of the individual and the ²[unity and integrity of the Nation];

IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

-
1. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Sovereign Democratic Republic" (w.e.f. 3.1.1977)
 2. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Unity of the Nation" (w.e.f. 3.1.1977)

1 Lines And Shapes



See the picture.

What are all the things do you see?

Discuss with your friends...

And write in your notebook...

See and Draw

You saw the picture on the first page, didn't you?

Did you notice the pictures on the wall?

Draw the picture you liked the most...

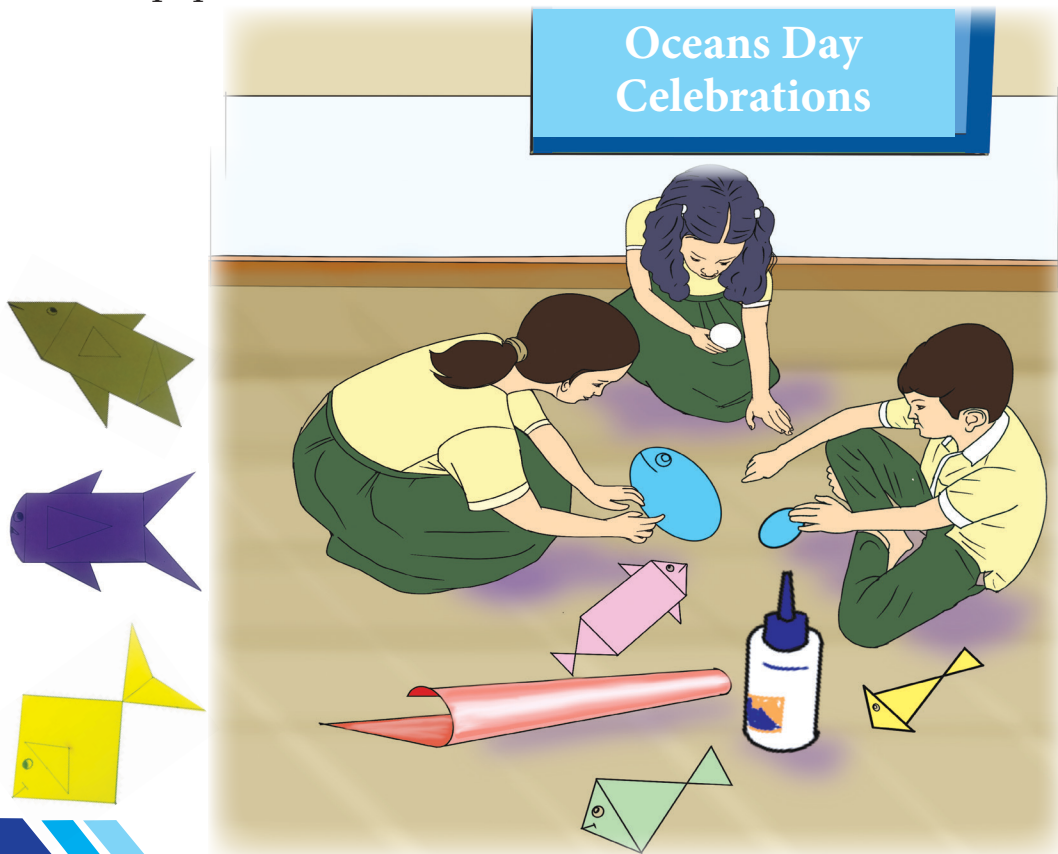
Celebration

What day is celebrated on the 8th of June in Kadalukani School?

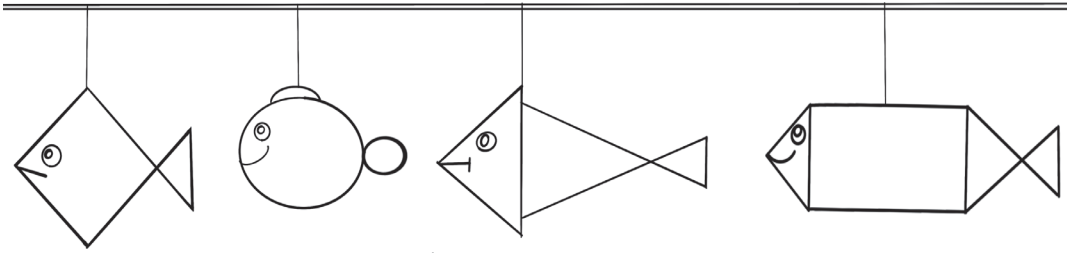
My drawing

Colour The Fish

There's an exhibition in Kadalukani school as part of the World Oceans Day Celebration. Anu, Subi and Atul are making different kinds of paper fishes for decoration.



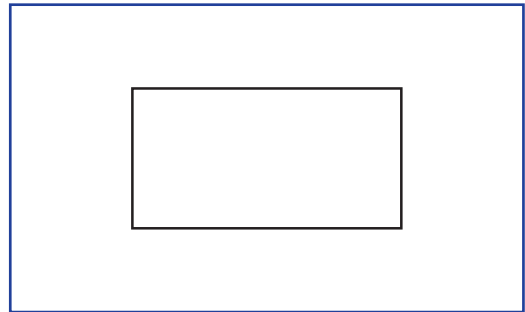
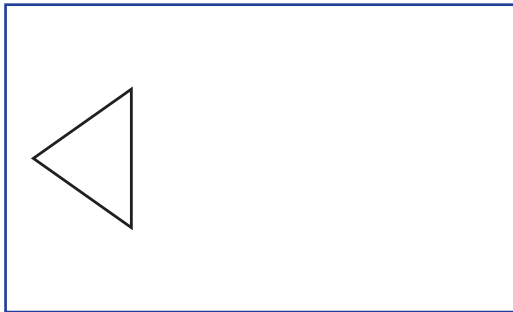
See how they have hung their paper fishes using strings...



Colour these and make them pretty...

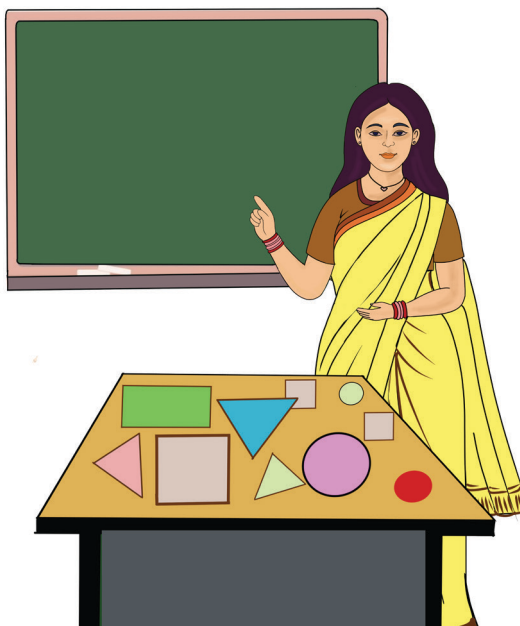
Draw and Colour

Draw other shapes joining those below to make fishes. And colour them.

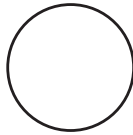


Shapes

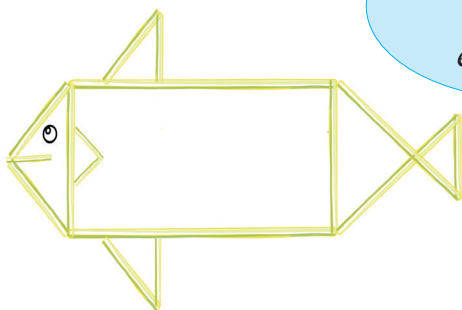
What all shapes did you notice in the paper fishes?



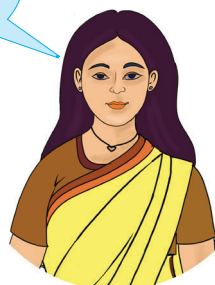
Draw the shapes you know and complete the table.

Shape	Name
	

Eerkkil Fish



*Make a fish
using
eerkkil bits*

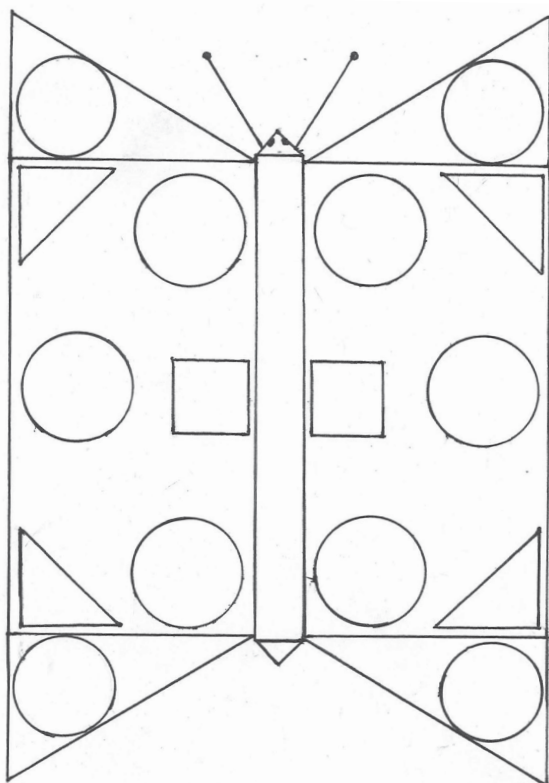


The picture shows the fish Atul made by sticking eerkkil bits on paper. Can't you also make such figures? Use them for the Oceans Day celebrations.

Butterfly

To decorate the classrooms in the school, new figures are to be drawn.

See the butterfly drawn using various shapes. Colour it and make it pretty...



Write the names of the
shapes in the picture.

Puzzle Corner

Only 3 lines are needed
to make me. Who am I?

Measuring Sides

Use a rectangle card in the math-box to draw a rectangle

My drawing

How many sides does the rectangle have ? _____

And corners ? _____

Use ruler to measure the sides of the rectangle you have drawn:

Side 1	Side 2	Side 3	Side 4
..... centimetres	 centimetres	 centimetres	 centimetres

Do you note anything special about these lengths?

Write your findings

My findings

Eerkkil Rectangle

See the shapes Atul and Binsa made using eerkkil bits of lengths 8 centimetres and 5 centimetres:



Atul



Binsa



Which is a rectangle?

In Atul's figure, the left and right sides go straight up

The figure Binsa made is not a rectangle. Why?

My findings

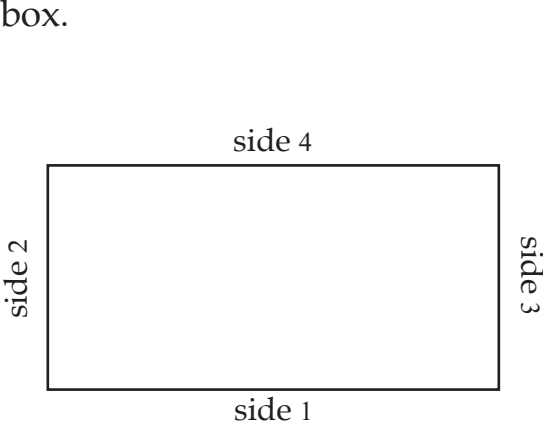
Rectangle's Speciality

Write the specialities of a rectangle:

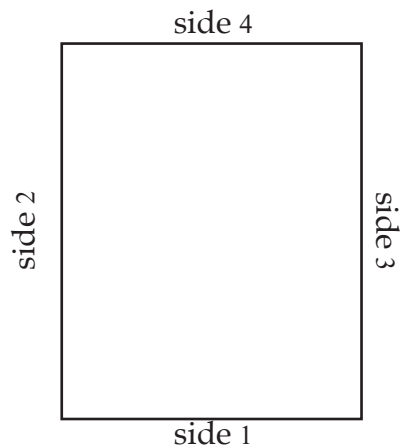
- A rectangle has four sides.
- The top and bottom lines are horizontal; the left and right sides are vertical.
-
-

Different Rectangles

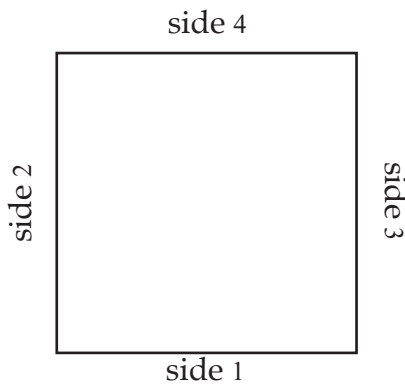
See the rectangles Anoop drew using the rectangle cards in his math-box.



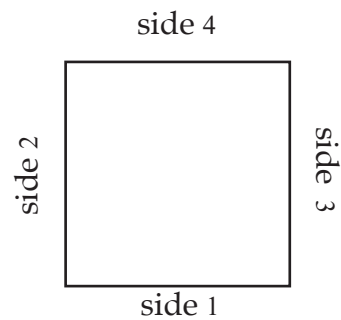
Rectangle 1



Rectangle 2



Rectangle 3



Rectangle 4

Measure the sides using a ruler and write them in the table:

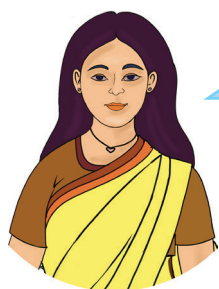
Rectangle	Side 1 (cm)	Side 2 (cm)	Side 3 (cm)	Side 4 (cm)
1				
2				
3				
4				

What is the specialty of measurements ?

My findings

Special Rectangle

We have seen different rectangles. Look at the third and fourth rectangles again.



Take eerkkil bits to make such a rectangle

Puzzle Corner

How many corners?

One corner of a rectangular sheet of paper is cut off. How many corners does it have now?

What is special about the lengths of the *eerkkil* bits you took?

Write down the peculiarities of a square

My findings

- There are 4 sides
-
-
-

Square

A rectangle with all four sides of the same length is called a square.

All squares are rectangles; but all rectangles are not squares.

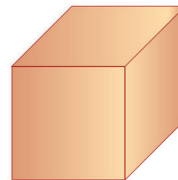
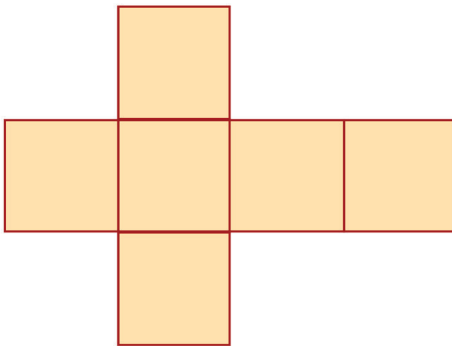
Square within Rectangle

Draw a single line inside this rectangle to draw a square.



Making A Cube

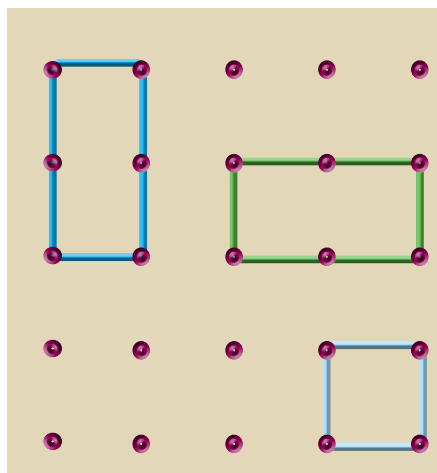
Draw squares as shown below in a thick sheet of paper and cut it. With teacher's help, make a cube as shown:



Geoboard

Make rectangles and squares using rubber bands on the geoboard in the Math Lab. Find the lengths of sides.

What figure is got by looping a rubber band around a peg and three pegs nearest to it?



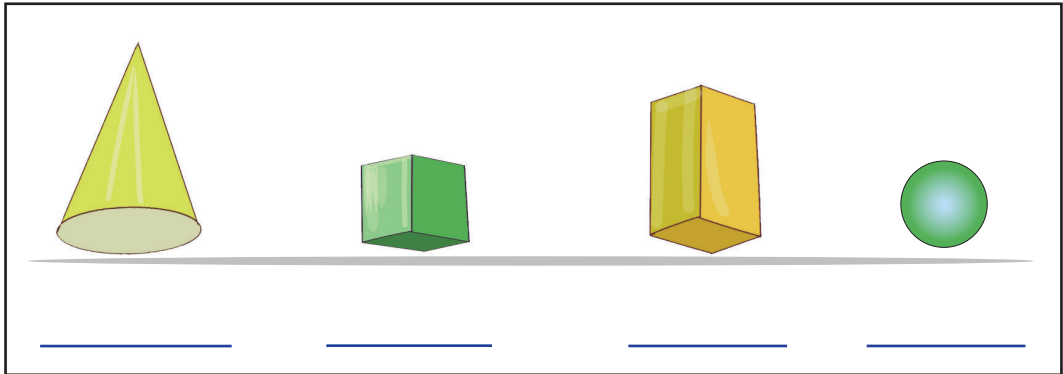
Math Club

See how they have decorated the classroom for the Math Club inauguration...



What all shapes are there among them?

The picture below shows some of these shapes. Write the name of each under it.



Let's Find Out!

Classify various familiar objects seen around you, according to their shapes. Write the names of these objects also.

Rectangular block	Sphere	Cube	Cone

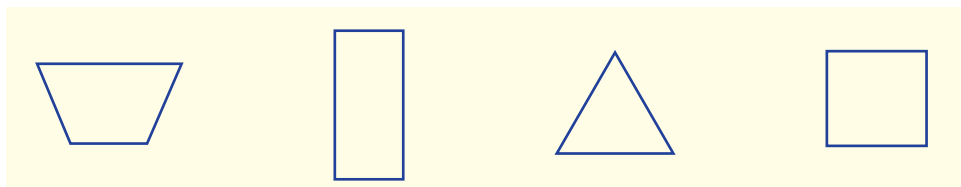
Tangram

The cover page of the textbook shown various figures formed using the shapes shown below. Make new figures using these pieces of the tangram.

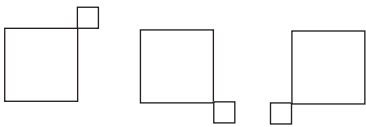


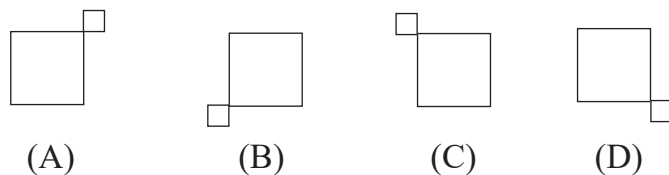


1. Tick (✓) the rectangles in the figures below. Colour the square with red.



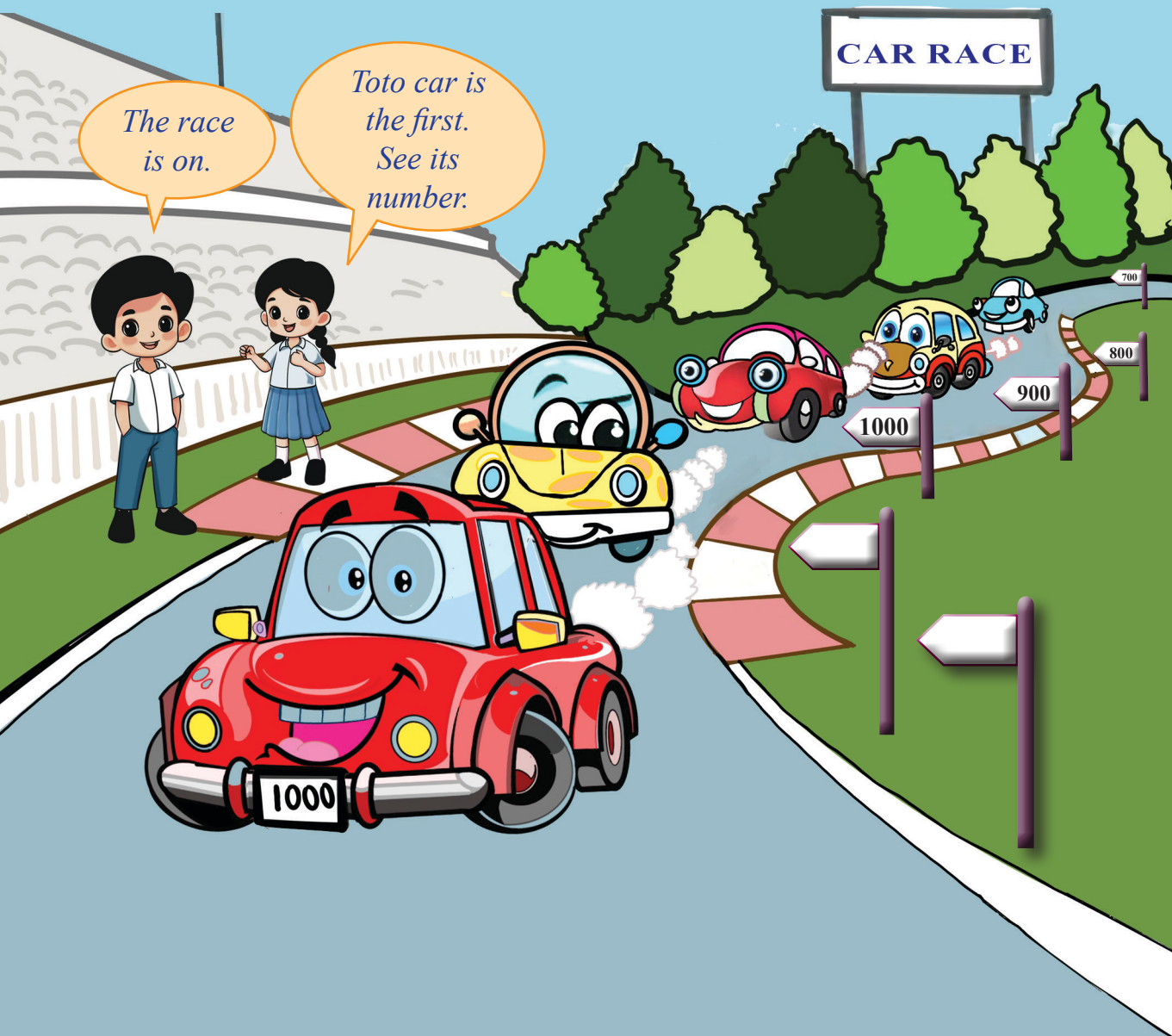
2. Manu is making a greeting card. He pasted coloured string along all four sides of a square of sides 8 centimetres. What is the total length of the string he used?
3. Draw a rectangle in the notebook using a rectangle card. Draw squares on both the shorter and longer sides, using a ruler. Measure their sides and write them down.
4. The lengths of the sides of some figures are given below. Which of them can be used to draw a rectangle?
A) 5, 8, 6, 7 B) 5, 6, 7, 9 C) 5, 8, 5, 8 D) 8, 8, 5, 8
5. Which of the lengths below cannot be used to draw a square?
(A) Length of each side 8 (B) 5, 5, 5, 5
(C) All four sides 6 D) 5, 5, 6, 6

6.  _____ Which is the next picture ?



2

Beyond Thousand



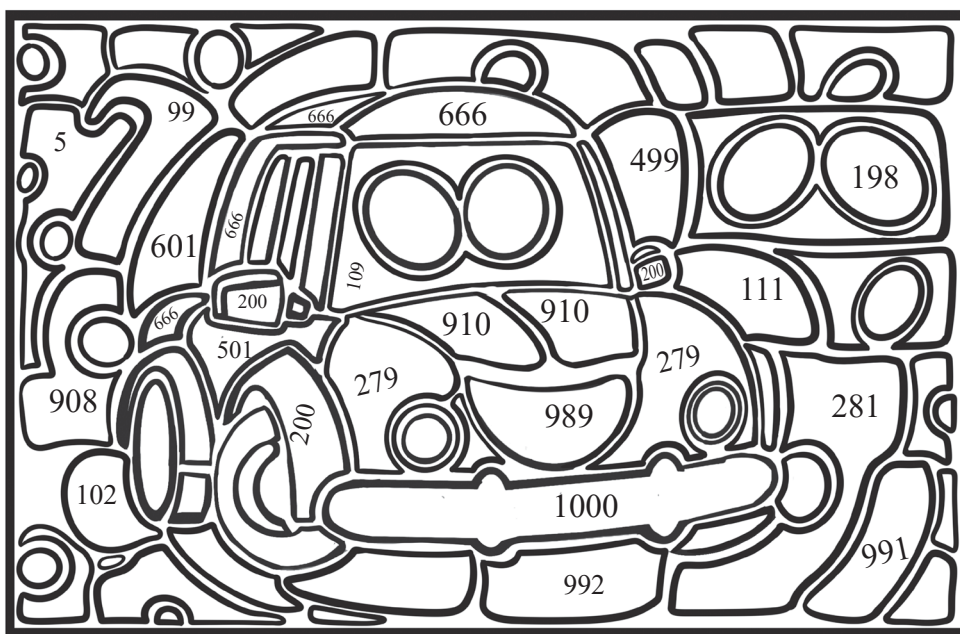
Find the Relation

Find the relation between the numbers and write the numbers in the empty cells.

9	100	.....	199	.....	500	.....	909	.....	999
10	101	110	.....	280	.....	667	.....	990	.....

Colour Toto Car

Find the numbers you have written in the picture below.
Colour those parts.



Number Plate

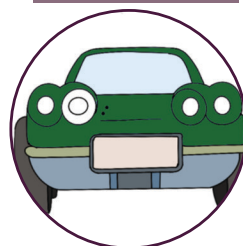
These are the friends of Toto car. Find their numbers from the clues and write on their number plates.

8 Hundreds
4 Tens
2 Ones

One less than
910

The largest
three-digit
number

One more than
the largest
two-digit
number



Wow ! Thousand!

*Read
my
Number.*



*My number
is the smallest
four-digit
number.*

Join Them

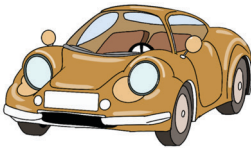
Find the pairs of vehicles whose numbers add up to Toto car's number. Draw lines to join them.

*Do it mentally
and write the
answers.*



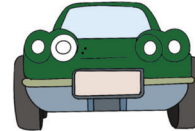
505

250



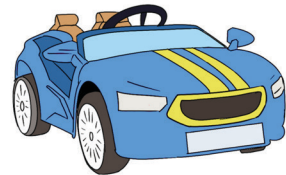
999

100



750

1



990

495

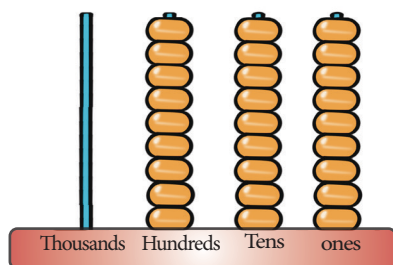


900

10



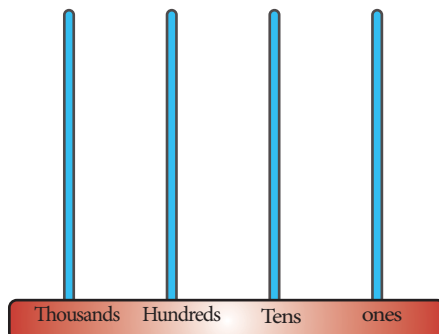
Just One More!



What is the number shown in the abacus?

If we add one more? _____

Draw this number in the abacus.



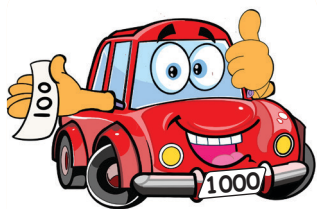
Puzzle Corner

Who am I?

One bead in the abacus.
Larger than the largest
three-digit number.
Who am I? Which is
my position
in the abacus?

Petrol Pump

Cars in the race filled petrol for
1000 rupees.



Toto car gave
100 rupee notes.
How many notes?



Tomo car gave
a sheaf of 10 rupee
notes. How many
notes?



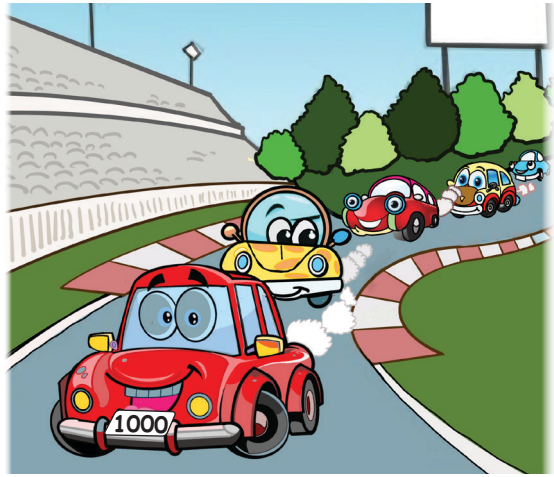
Buggy car gave 1
rupee coins. How
many coins?

Car Race

The car race is going on in the car race circuit. 1000 points are got for finishing each round.

The number of rounds completed by each car is given below.

Calculate their points:

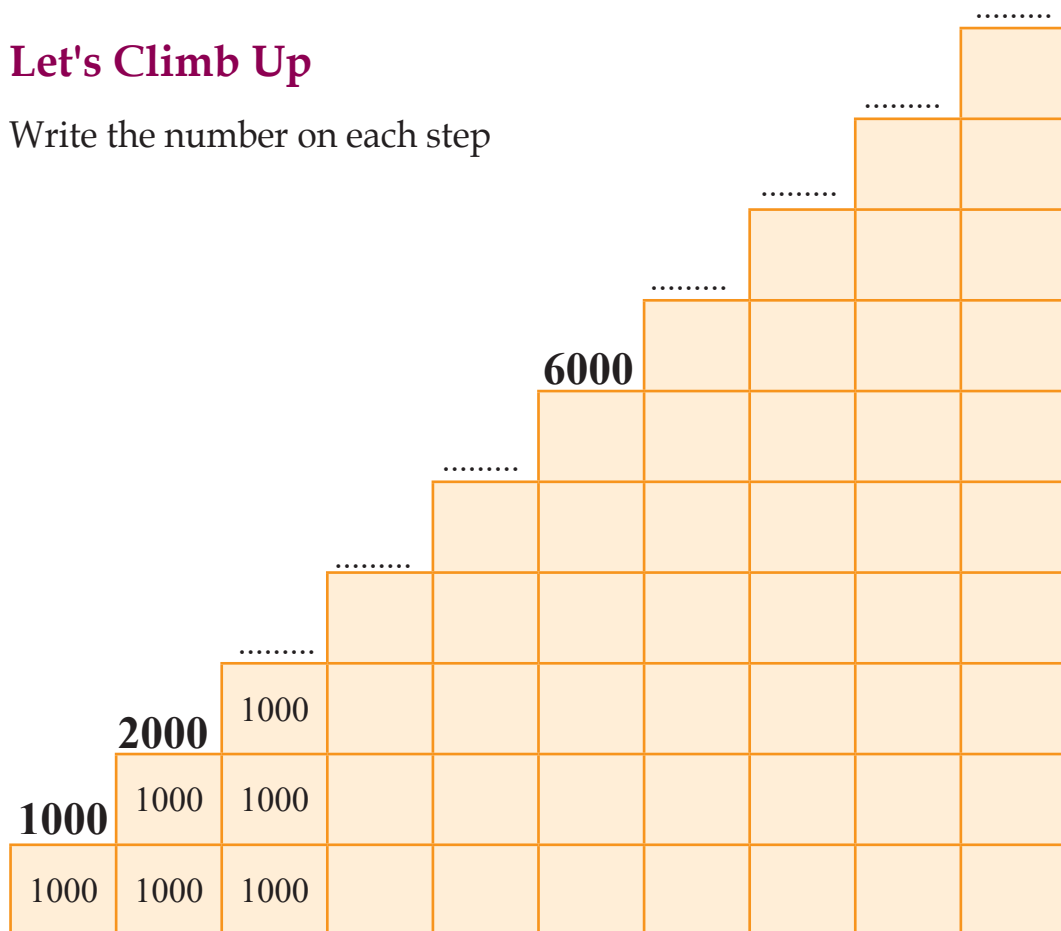


Name of car	Round	Point
 Mickey	1	
 Skybee	5	
 Buggy	3	
 Alpha	6	
 Tomo	7	
 Flora	4	4000
 Freddy	8	
 Speedy	9	
 Toto	10	
 Bonny	2	

According to the points got by the cars, write their names in order.
Write them in different ways.

Let's Climb Up

Write the number on each step



Mickey



Bonny



Buggy



Flora



Skybee



Alpha



Tomo



Freddy

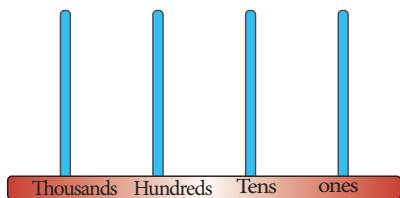


Speedy



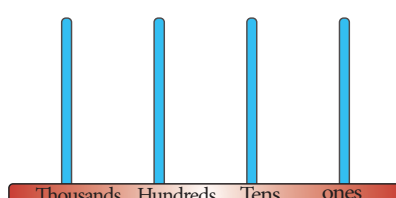
Toto

Draw the points
Skybee car got in the abacus.



Five of thousands make
five thousand.

Draw the points
Speedy car got in the abacus.



Nine of thousands make
nine thousand.

Ten of thousands make ten thousand.

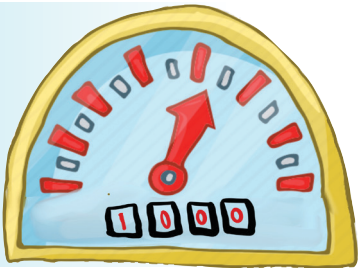
What about twenty of thousands?

Write The Sums

Ten (10)	Hundred (100)	Thousand (1000)	Ten thousand (10000)
5 + 5	50 + 50	500 + 500	5000 + 5000
6 + 4			
7 + 3			
	80 + 20		

Speedometer

Before the race, Toto car had done 1000 kilometres. One lap of the race is 1 kilometre.



Complete The Table

Lap	In Speedometer
1	$1000 + 1 = 1001$
2	$1000 + 2 = 1002$
.....	
.....	
.....	
.....	
.....	

What would be the speedometer reading after 11 laps?

After 15 laps?

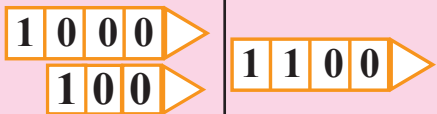
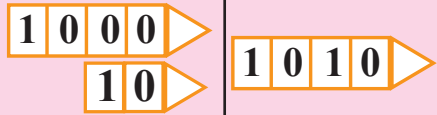
After 25 laps?

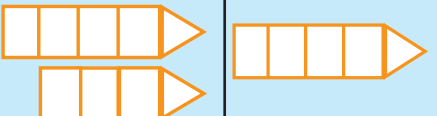
Write, Draw and Read

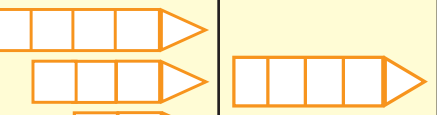
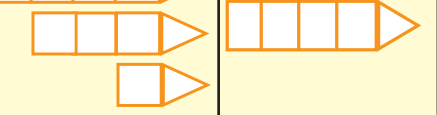
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Th	H	T	O																									

Th - Thousand, H - Hundred, T - Ten, O - One

Combining with Thousand

1000 + 100		Thousand and hundred
1000 + 10		Thousand and ten

2000 + 200		
3000 + 40		
3000 + 5		

1000 + 300 + 30		Thousand three hundred and thirty
5000 + 30 + 3		
8000 + 300 + 3		
6000 + 700 + 40 + 8		

How many numbers are there from 1000 to 1200?

Numbers and Words

Numbers	In words
5250	
	Seven thousand seven hundred and seven
9018	
	Nine thousand and nine

Number Cards

See the number cards. Write the four-digit numbers that can be made with them.



--	--	--	--

How many numbers start with 5? _____

How many numbers have 8 in the ten's place? _____

Write these numbers in order, starting from the smallest, in your notebook.

Reading The Number

Speedy car's number plate is covered in mud.

Number now seen



When cleaned a bit



After cleaning some more



When almost cleaned



How Pretty!

$$9 + 1 = 10$$

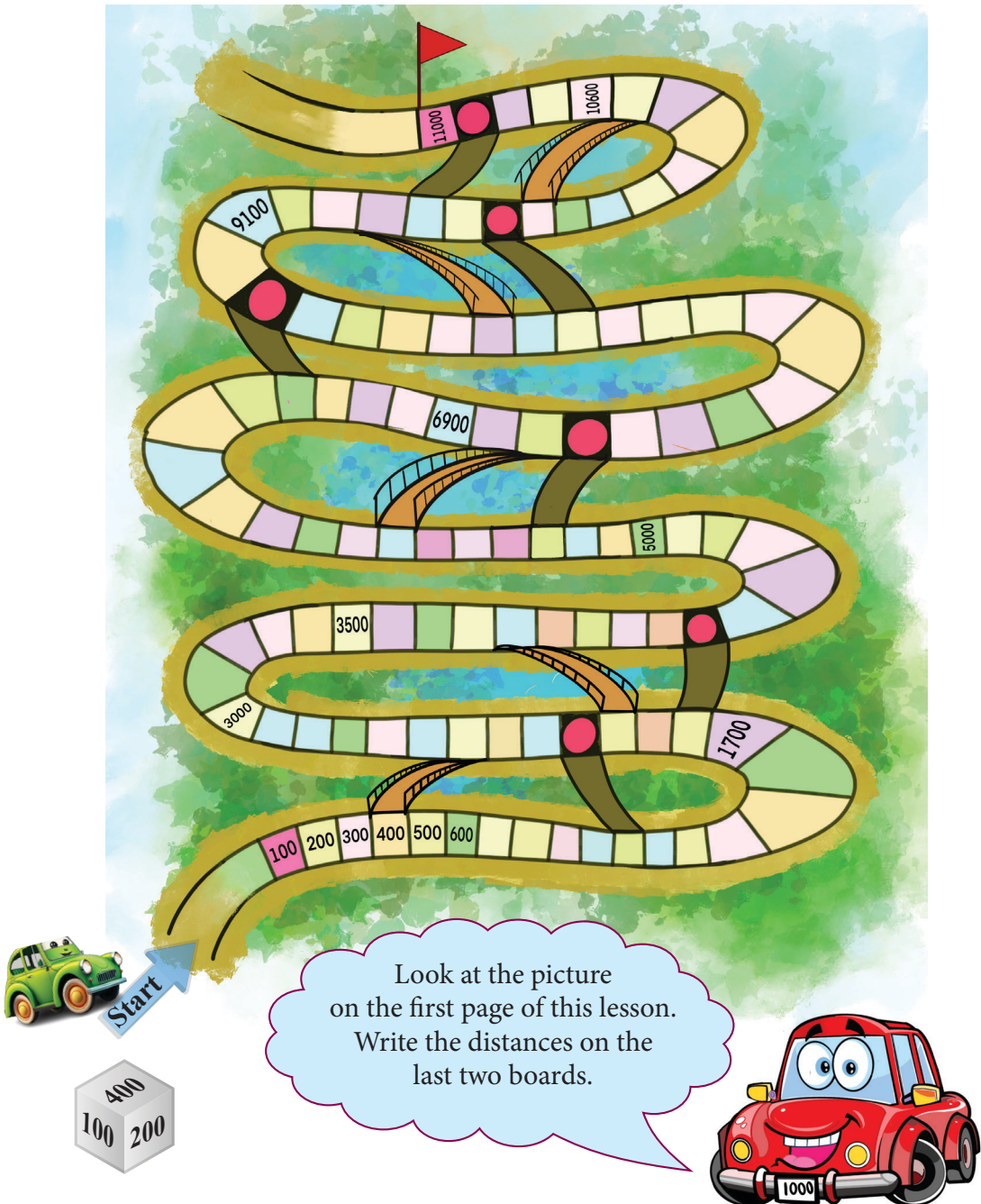
$$99 + 1 = \dots\dots\dots$$

$$999 + 1 = \dots\dots\dots$$

$$9999 + 1 = \dots\dots\dots$$

Mud Race

Play Mud Race with your friends. Use a dice with numbers 100, 200, 300..., 600. Move the car to the number thrown. If you land on a bridge, you can move across to go forward; if you land on a pit, you slide backwards. The first to reach 11000 wins.



Gift

Toto won the race. Got a trophy and a cash prize. The money was given as a cheque. Write the amount in the cheque in numbers.



Thiruvananthapuram Branch
Thiruvananthapuram 695 011
IFSC KSC0001234

08072025

DateMonthYear

Pay Toto

Rupees Ninety thousand nine hundred and ninety nine only

₹

.....

Account No. **KSC 0000320237**

Valid for three months only from the date

Signature

322401

6730090321

000611

31

Distance Travelled

The distance each car travelled is given below.



Number	Car	Distance (Kilometers)	Number	Car	Distance (Kilometers)
1	Mickey	8546	4	Freddy	5114
2	Bonny	7982	5	Flora	6735
3	Speedy	6375	6	Toto	8564

Tabulate the cars according to the distances they have travelled, with the car which travelled most at the beginning and the car which travelled the least at the end.

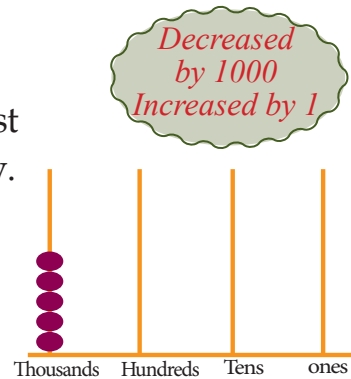
Number	Name of the car	Distance (Kilometers)	
		In numbers	In words

Buggy Car's Number

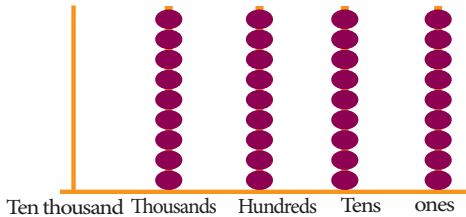
Take one bead from the thousand's place in the abacus and put in the one's place. What is the number now?

Buggy car's number is the difference of the first number in the abacus and the number in it now.

What is the number? _____



Adding One More



What is the number in the abacus?

What is the number got by adding one to it? _____

Tomo Car in Workshop

- Tomo car was taken to a workshop for repairs after the race. 3500 rupees was spent to change the battery, 2500 rupees for engine work and 4000 rupees for painting. What is the total amount spent?



What I understood from reading the problem

Total amount spent _____

On a Tour

Toto car is being readied for an all India tour. All four tyres have to be changed. The price of one tyre is 2500 rupees. How much money is needed for four tyres?

- Bonny is an electric car. The amounts paid for recharge during its all India tour are given below. Calculate the total amount.

1	2	3
3500 rupees	2000 rupees	3000 rupees

How I calculated

Continue The Pattern

- 500, 1000, 1500,,,,,,
- 4000, 6000, 8000,,,,,,
- 7628, 7728, 7828,,,,,,
- 2222, 3333, 4444,,,,,,
- 9400, 9300, 9200,,,,,,
- 3021, 4132, 5243,,,,,,

My Patterns

●	,	,			
●	,	,			
●	,	,			
●	,	,			



- For the race, the organising committee had given numbers from 5000 to 5050 to the cars. How many cars were in the race?
- Write four-digit numbers using all the digits 5, 4, 0, 7. How many can you write? Draw the largest number in an abacus. Write this number in words.
- Write all numbers from 9999 to 10100 which have zero in the one's place.
- Complete the patterns below:
 - 10150, 10200, 10250,,,,,
 - 1500, 2600, 3700,,,,,
 - 14500, 15250, 16000,,,,,
- Who am I?
 - A number between 4000 and 5000.
 - The number in the one's place is double the number in the thousand's place.
 - The number in the ten's place is half of the number in the thousand's place.
 - The sum of the digits is 19.

6. Find the number

- Starting from 9999, if we subtract 1000 again and again, what would be the 8th number?
- If we subtract 100 instead, what would be the 5th number?

Make a question like this and share it with your friends.

7. Among the numbers between 1000 and 1100, how many numbers end in zero?

8. If we write numbers from 1 to 50, how many times would we write 2?

- What if we write up to 100?
- If we count the 3's instead of the 2's, would the number be the same?

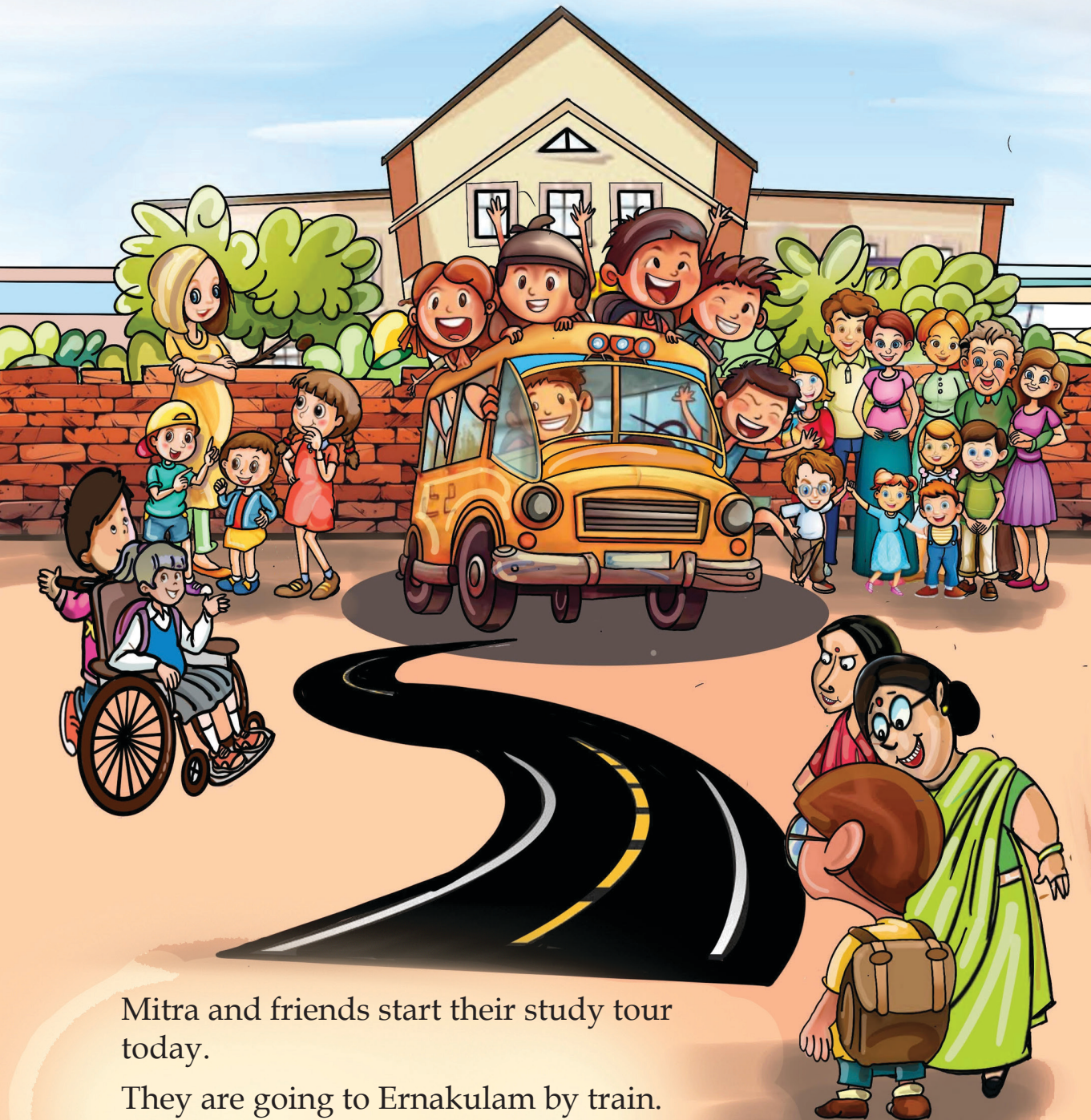


Investigation

- Write all two-digit numbers that can be formed with the digits 1 and 2, without repetition. Count them and write their number.
- Write all three-digit numbers that can be formed with the digits 1, 2 and 3, without repetition. Count them and write their number.
- Write all four-digit numbers that can be formed with the digits 1, 2, 3 and 4, without repetition. Count them and write their number.
- Write your findings in your notebook.

3

How Many Numbers



Mitra and friends start their study tour today.

They are going to Ernakulam by train.

At The Railway Station

See the notes and coins given to buy tickets for the train journey.

How much money was given in all?









Total amount

Tourist centres

See a board at the railway station. It gives the distances from Ernakulam to various tourist centres in India.

Place	Distance
Hill Palace	11 km
Goa	744 km
Mysuru	385 km
Kanyakumari	307 km
Hyderabad	1112 km
Film City	2592 km
Red Fort	2424 km
Taj Mahal	2424 km



Which is the farthest tourist centre? _____

And the nearest ? _____

Arrange these in order from the farthest to the nearest.

Place	Distance

Castle



Children are waiting in a line to enter the castle. Their tickets have consecutive numbers. Mitra is first in the line and her number is 2986. Sandra's number is 3010.

- From Mitra to Sandra, how many children are in the line?

- What is the number of Ishan, who stands in front of Sandra?

- Write the numbers of the children in front and at the back of the one with number 3010. _____
- Starting from the number just behind 3010, what is the 20th number? _____
- Write the number of Maju, who is the 15th in the line.

- Write the numbers from 2986 to 3010 in order.

Water Metro

After seeing the castle, the children got into the water metro. Those in the Water Metro got food coupons.



Those in Mitra’s group got coupon numbers between 8000 and 9000. And the sum of the digits of each number was 10. Write these numbers.

Sum of Digits

How many numbers are there between 7000 and 8000 with their sum of digits 10? Write them in your notebook.

Puzzle Corner

$$\begin{array}{r} \text{AAB} + \\ \text{A} \\ \hline \text{BCCC} \end{array}$$

A =

B =

C =

Exhibition

Those visiting the exhibition in the children's park are given prize coupons. The winning numbers are chosen by drawing lots.

Children are waiting before the screen showing the winning numbers.

Write the number displayed as the wheel stops at each position.



	10000	Ten Thousand
	11000	.....
		
		

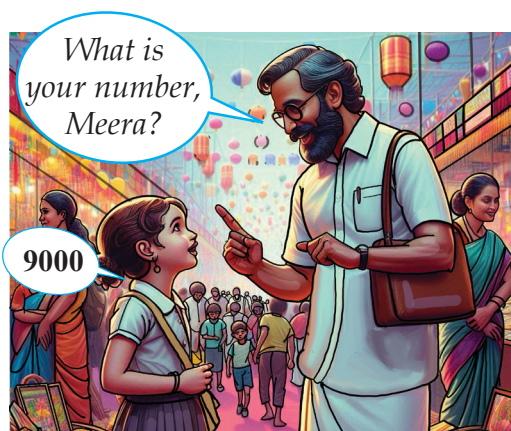
Prize for
the number
with sum of
digits 5.

Winning
number

How many four-digit numbers?

How many four-digit numbers can be made with just the two digits 9 and 0?

What are they?



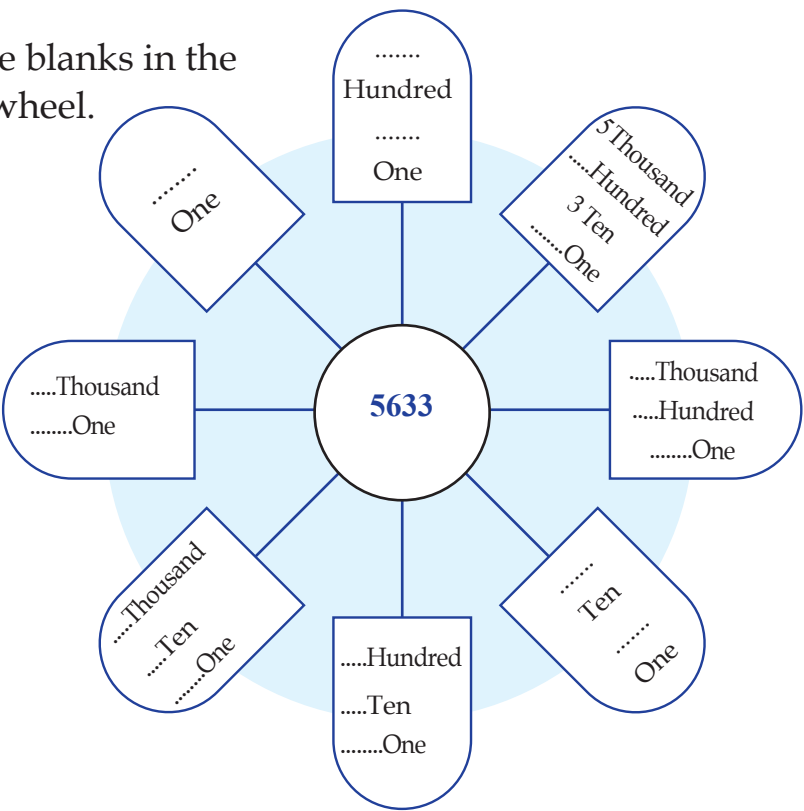
Write them in order from the largest to the smallest.

Write numbers, as shown for the first...

- 5 thousands, 4 hundreds, 3 tens, 2 ones 5432
- 54 hundreds, 32 ones
- 543 tens, 2 ones
- 5432 ones
- 82 hundreds
- 820 tens
- 8200 ones
- 7104 • thousands, hundreds, tens, ones
- hundreds, ones
- thousands, ones
- thousands, tens, ones

Number Wheel

Fill up the blanks in the number wheel.

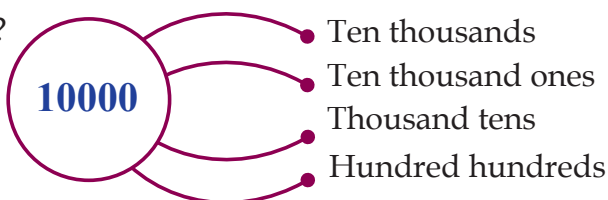


Splitting up

How many ones?

How many tens?

How many
hundreds?



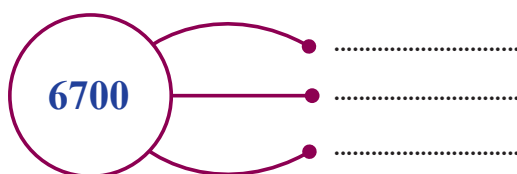
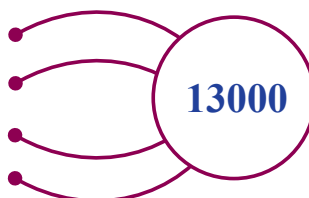
Complete the following as given below.

..... ones

..... tens

..... hundreds

..... thousands



Puzzle corner

Who am I?

6 hundreds

6 tens

6 thousands

6 ones.

Ernakulam to Amritsar

The table shows the stations at which a train from Ernakulam to Amritsar stops and their distances from Ernakulam. Find the first station at which the train stops after leaving Ernakulam. Write the other stations and distances in the correct order.

Station	Distance
Kasaragod	368 km
Mangaluru	415 km
Kozhikode	193 km
Amritsar	3092 km
Surat	1522 km
New Delhi	2643 km
Ludhiana	2956 km

Station	Distance

Continue The Pattern

- 10050, 10051, 10052,,,
- 11085, 11086, 11087,,,
- 19995, 19996, 19997,,,
- 12320, 12340, 12360,,,

What I found out

Airplane

After the tour, they return in an airplane. A screen at the airport displayed the numbers of flights arriving and departing.



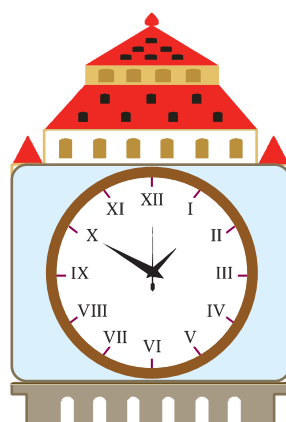
Flight number has four digits.

The number formed by the digits at the hundred's and ten's places is double the number formed by the digits at the thousand's and hundred's places.

The number formed by the digits at the ten's and one's places is double the number formed by the digits at the hundred's and ten's places.

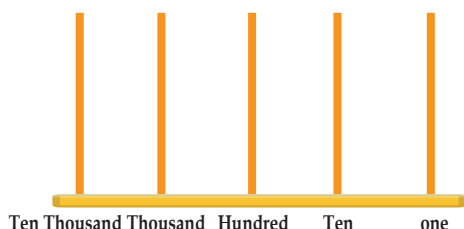
Write the flight number of an airplane?

Roman Numerals



Numbers of clock in Roman numerals	
I - 1	VII - 7
II - 2	VIII - 8
III - 3	IX - 9
IV - 4	X - 10
V - 5	XI - 11
VI - 6	XII - 12

Numbers in Abacus



See the abacus.

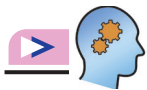
- Write all five-digit numbers that can be shown in the abacus using just two beads.

How Many Hundreds?

- Write the largest and smallest five-digit numbers that can be made using the digits 1 to 5.

- How many hundreds in the largest number?

- How many hundreds in the smallest number?



1. Fill up the blanks

- 9875 - 9 thousands, hundreds, tens, ones
- 6307 - thousands, tens, ones
- 4218 - hundreds, ones
- - 5 thousands, 6 hundreds, 0 tens, 8 ones
- - 8 thousands, 12 tens, 0 ones
- - 16 hundreds, 25 ones

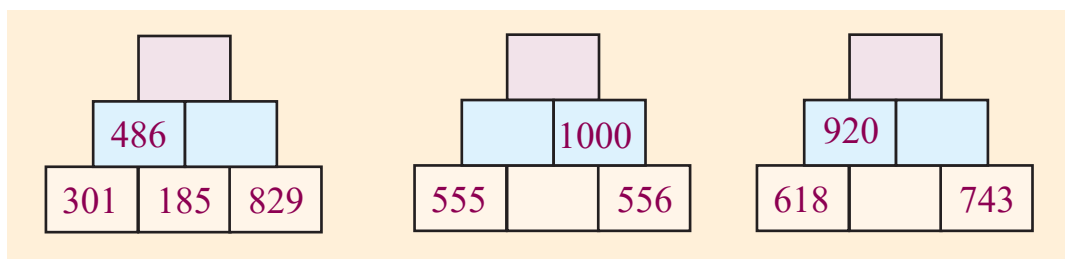
2. In the number 6315, the value of the digit 6 is 6000. In each of the following numbers, find the value of 3.

8573 7835

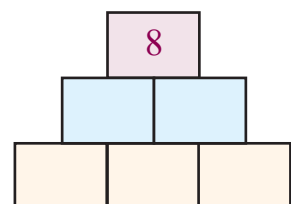
3578 5379

3. The total train fare from Thiruvananthapuram to Ernakulam is 3625 rupees. Since there is a concession for school children, only 2000 rupees was paid. How much is the concession?

4. Write the numbers in the empty cells



- Reach 8 without repeating any number.



5. 27 children are standing in a line. The one in the middle has ticket number 4068. What is the ticket number of the first in the line? And that of the last in the line?
6. 10 thousands is equal to how many 500's?
7. Which of the numbers below is 50 ones, 50 tens and 50 hundreds taken together?
(A) 5555 (B) 5505 (C) 5550 (D) 5055
8. Continue the pattern.
4080, 4085, 4091, 4098,,,,
9. Calculate.
 - How many numbers are there between 9000 and 10000?
....., numbers between 9000 and 9100.
....., numbers between 9000 and 9500.
....., numbers between 9000 and 10000.
 - How many odd numbers are there between 9000 and 10000?
 - How many even numbers are there between 9000 and 10000?



Investigation

Take any two odd numbers and add them.

Is the sum an odd number or an even number? What about the sum of three odd numbers?

If the number of numbers added is an odd number, what type of number is the sum? If the number of numbers is even?

Like this, add some even numbers. Write your findings in your notebook.

4 Increasing Numbers



Opening the door

Dhwani went to Gicho Park with her mother and father. Her brother Dhanu is also with them.



Press two numbers with their sum 1000 to open the door.

Here's the number with 500 and 10.

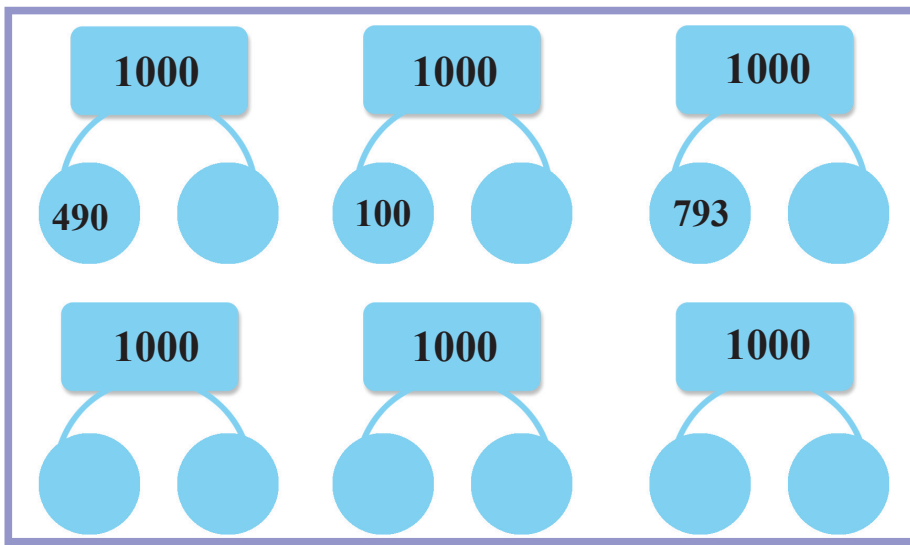
490 and 10 make 500. We need only 500 more.

There's a 100. What do we want next?



Number Pairs

Can you write the number pairs?



Sum 1000

Fill up the blanks to get sum 1000.

$$490 + 10 + 500 = 1000$$

$$490 + \dots\dots\dots = 1000$$

$$793 + 7 + \dots\dots\dots = 1000$$

$$793 + \dots\dots\dots = 1000$$

$$551 + 9 + \dots\dots\dots = 1000$$

$$551 + \dots\dots\dots = 1000$$

$$800 + 100 + 100 = 1000$$

$$700 + 200 + 100 = \dots\dots\dots$$

$$600 + 300 + 100 = \dots\dots\dots$$

$$500 + 400 + \dots\dots\dots = 1000$$

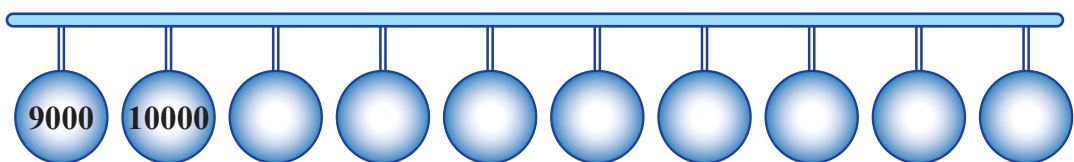
$$400 + 300 + \dots\dots\dots = 1000$$

$$600 + \dots\dots + \dots\dots = 1000$$

$$400 + \dots\dots + \dots\dots = 1000$$

$$500 + \dots\dots + \dots\dots = 1000$$

Complete the garland

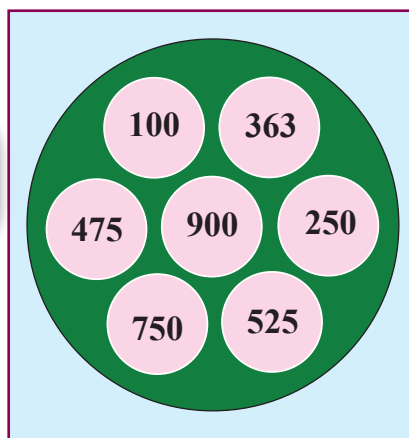


Shooting Corner

Calculate the points for shooting and find the winner.



Three
shots for
each.



Write the points each got.

Dhanu : $100 + 900 + 525 =$ _____

Dhwani : $750 + 250 + \dots = 1475$

Mini got 1363 points in three shots. What are the possible numbers she hit?

363

Suhail hit 363 in all three shots. How many points did he get?

Have to
add 363
three times.

*Adding
300 and 60 and 3 three
times is enough.*



Twice 3 is 6
Double of 3 is 6.

Puzzle corner

Who am I?

I'm a three-digit number with all digits the same. Adding the number three times and adding 1 more gives the smallest four-digit number. Who am I?

Different Ways to Add

- How do we add three 363's?

Method : 1

$300 + 60 + 3 +$ $300 + 60 + 3$ $300 + 60 + 3$
$900 + 180 + 9$
$900 + 100 + 89 = 1089$

Method : 2

What if we multiply 300 by 3?
Similarly, we can multiply 60 and 3 by 3.

$$\begin{array}{rcl}
 300 \times 3 & = & 900 + \quad (3 \times 3 \times 100 = 900) \\
 60 \times 3 & = & 180 \quad (3 \times 6 \times 10 = 180) \\
 3 \times 3 & = & 9 \\
 \hline
 & & 1089
 \end{array}$$

- Lini hit 363, 475 and 750. How many points did she get?

Method : 1

$$\begin{aligned}
 &363 + 475 + 750 \\
 &363 + 475 = 300 + 60 + 3 + 400 + 70 + 5 \\
 &\quad = 300 + 400 + 60 + 70 + 3 + 5 \\
 &\quad = 700 + 130 + 8 \\
 &\quad = 830 + 8 = 838 \\
 &838 + 750 = 800 + 30 + 8 + 700 + 50 \\
 &\quad = 800 + 700 + 30 + 50 + 8 \\
 &\quad = 1500 + 80 + 8 = 1588
 \end{aligned}$$

It can be done
in this way
also!

363 +	838 +
475	750
838	1588

363 +
475
750
1588

Method : 2

363 + 475 + 750	
300 + 60 + 3	$1400 + 100 + 80 + 8$ $= 1500 + 88$ $= 1588$
400 + 70 + 5	
700 + 50	
1400 + 180 + 8	

Who got the most points? _____

Name of the winner _____

Write the names of the players in order from the one with least points to the one with most points.

_____, _____, _____, _____, _____

What is the maximum points one can get in 3 shots? _____

Curious 1089

- Write 3 consecutive digits.
- Write the largest three digit number using all these.
- Write the smallest. _____
- Find their difference.
- Reverse the digits of this number.
- Add these two numbers.

Do you get the same number as the sum for any 3 digits? Try!

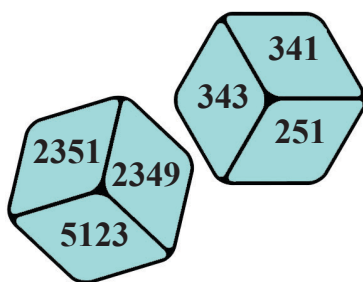
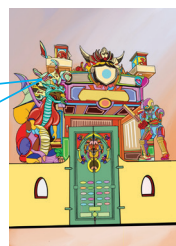
Dice Corner

See these dice.



Shall we also play a dice game?

We have to roll the four-digit dice and the three-digit once and add the numbers.



Numbers Dhanu got on rolling the dice

2349

251



Dhanu gets the sum of 2349 and 251 as points.

Dhanu’s points

- How father calculated
- How mother calculated

$$\begin{aligned} 2349 + 251 &= 2349 + 1 + 250 \\ &= 2350 + 250 = 2600 \end{aligned}$$

$$\begin{aligned} 2349 + 251 &= 2000 + 349 + 251 \\ &= 2000 + 350 + 250 \\ &= 2600 \end{aligned}$$

- How Dhanu calculated
- How Dhwani calculated

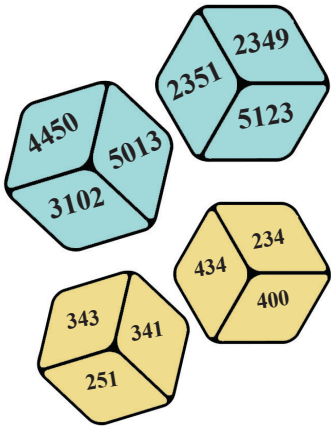
$$\begin{aligned} 2349 + 251 \\ &= 2300 + 200 + 49 + 51 \\ &= 2500 + 100 \\ &= 2600 \end{aligned}$$

$$\begin{aligned} 2349 + 251 &= 2000 + 300 + 40 + 9 + \\ &\qquad\qquad\qquad 200 + 50 + 1 \\ &\qquad\qquad\qquad 2000 + 500 + 90 + 10 \\ &= 2600 \end{aligned}$$

Addition and Subtraction

See how Dhwani added up the numbers she got from the dice. What numbers did she get?

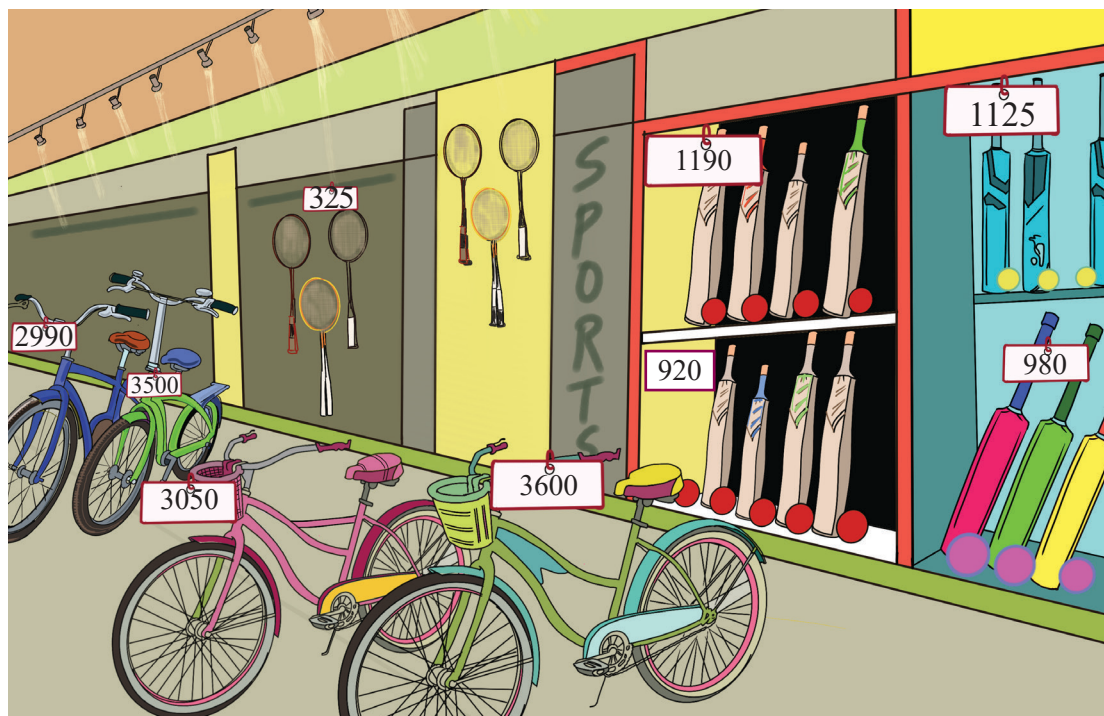
5013 +	= 5413
..... + 343	= 3445
..... +	= 4850



Dice 1	Dice 2	Sum
4450	400	
2351	343	
	434	5447
5123		5357
2349	341	
5013	251	

Fill Up

Sports Corner



They bought a bat and ball for Dhanu and a bicycle for Dhvani.

- The price of the bicycle

- The price of the bat and ball

- The amount paid _____



Father has 4000 rupees with him.

What are all the ways by which the amount paid by father can be written as notes and coins?

How I calculated

How my friend calculated

Magic Corner



Hey!
Magic!

Come...
You can also do
magic! I'll tell you
what to do.



Instructions

- You write a four-digit number.
- I'll write a number and put it in the box.
- Then I will write a number below yours.
- Then you can write another four-digit number.
- I'll again write a four-digit number.
- Then you add up all the four numbers.
- Then I'll show you the number I put in the box.

Number Dhanu wrote - 4325

Number magician wrote - 5674

Number Dhanu wrote - 1408

Number magician wrote - 8591

Sum _____

See the sum and the number written and put in the box by the magician. What did you understand?

What I found out

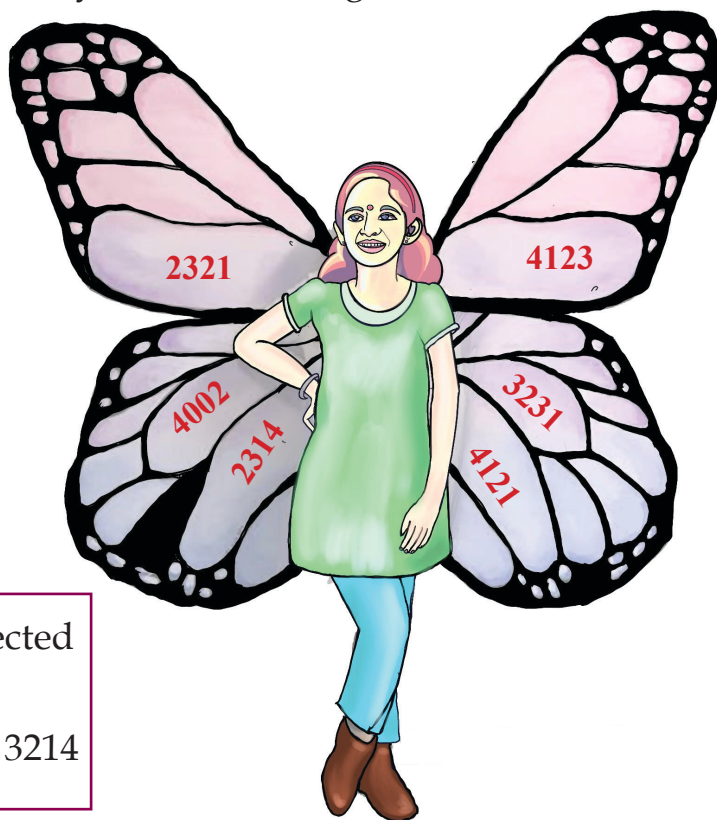


Isn't it the number 2 less than 20000?



Photo Corner

Dhwani and Dhanu took their photos at the photo corner. Take a number on the butterfly, reverse its digits and add the two numbers.

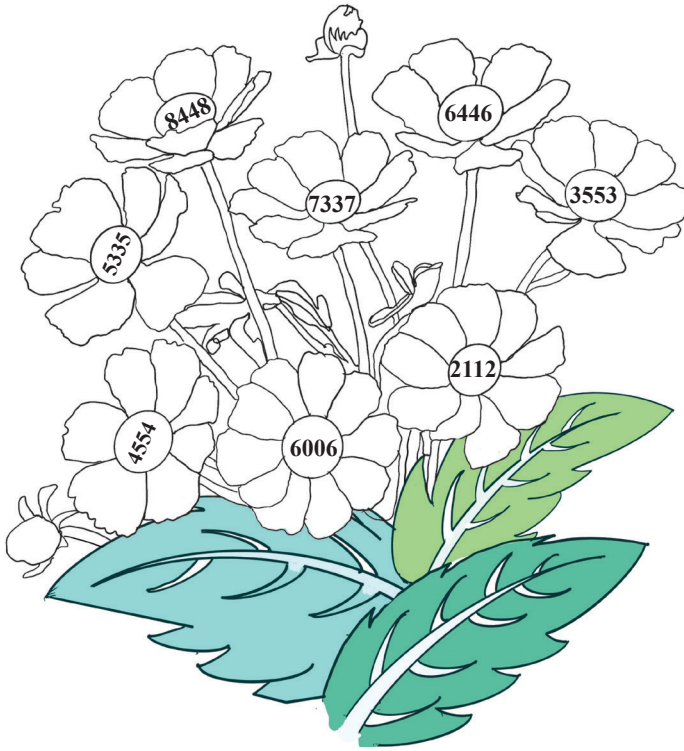


Number Dhanu selected
4123
Reversing the digits 3214

How Dhanu calculated	
$4123 = 4000 + 100 + 20 + 3$ $3214 = 3000 + 200 + 10 + 4$ $7000 + 300 + 30 + 7 = 7337$ $4123 + 3214 = 7337$	Number Dhwani chose = 4002 Reversed number = Sum =

Answer Blooms

The sums got by reversing and adding the numbers on the butterfly are on the flowers. Colour them.

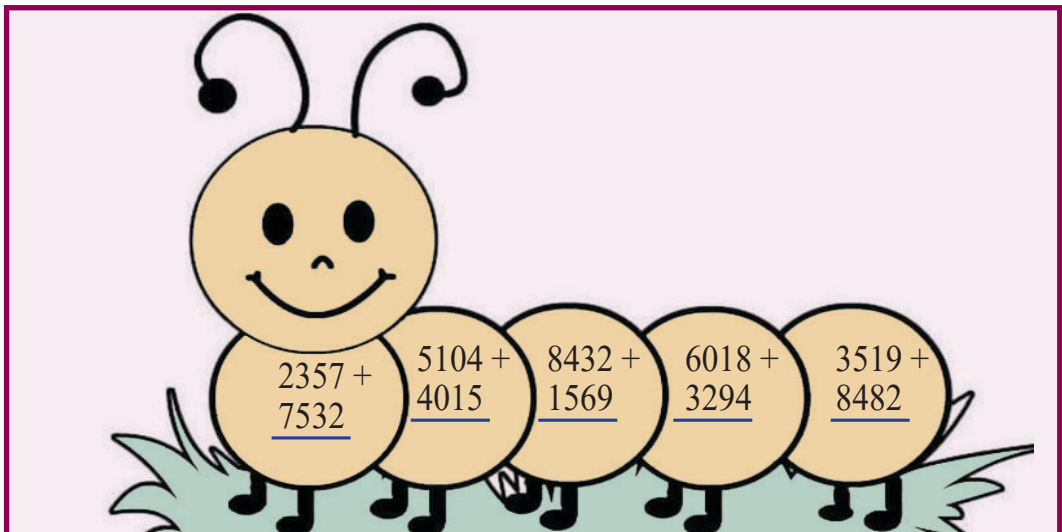


Palindromic Numbers

Numbers which are the same when read from left to right or right to left, are called palindromic numbers.

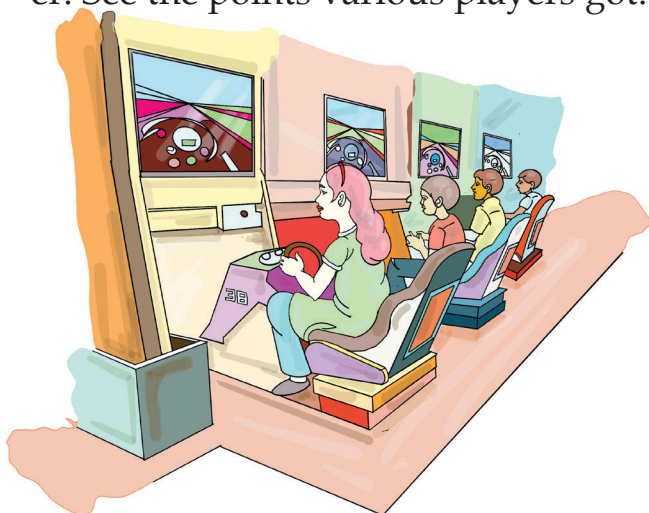
Do we get a palindrome when we take any four-digit number, reverse the digits and add to the original number? Write your findings in your notebook.

Let's Find The Sum



Game Corner

Dhanu and Dhvani are playing a car racing game in the computer. See the points various players got.



Points Scored		
Name	Round 1	Round 2
Dhanu	2143	1457
Dhwani	1148	2067
Nanma	1654	1188
Mini	1876	1124

What is the total number of points Dhanu scored?

Method - 1

$$2143 + 1457$$

$$2143 + 1000 = 3143$$

$$3143 + 400 = 3543$$

$$3543 + 50 = 3593$$

$$3593 + 7 = 3600$$

Method - 2

$$2143 + 1457$$

$$2143 = 2000 + 100 + 40 + 3$$

$$1457 = 1000 + 400 + 50 + 7$$

$$3000 + 500 + 90 + 10$$

$$= 3500 + 100$$

$$= 3600$$



Another way

$$2143 +$$

$$1457$$

$$3600$$

Can you guess who all got more than 3000 points in the car racing game? Guess and write down.

Did You Guess Right?

Points scored			
Name	Round 1	Round 2	Total
Dhanu	2143	1457	3600
Dhwani	1148	2067	
Nanma	1654	1188	
Mini	1876	1124	

Bargain Sale

See the notice

Reduced prices!



6500 Rs



7200 Rs



2499 Rs



9999 Rs



3800 Rs



5500 Rs



5999 Rs

How much money is needed to buy a cot and a TV for Dhwani's home? _____

How much money for a TV and an almirah ? _____

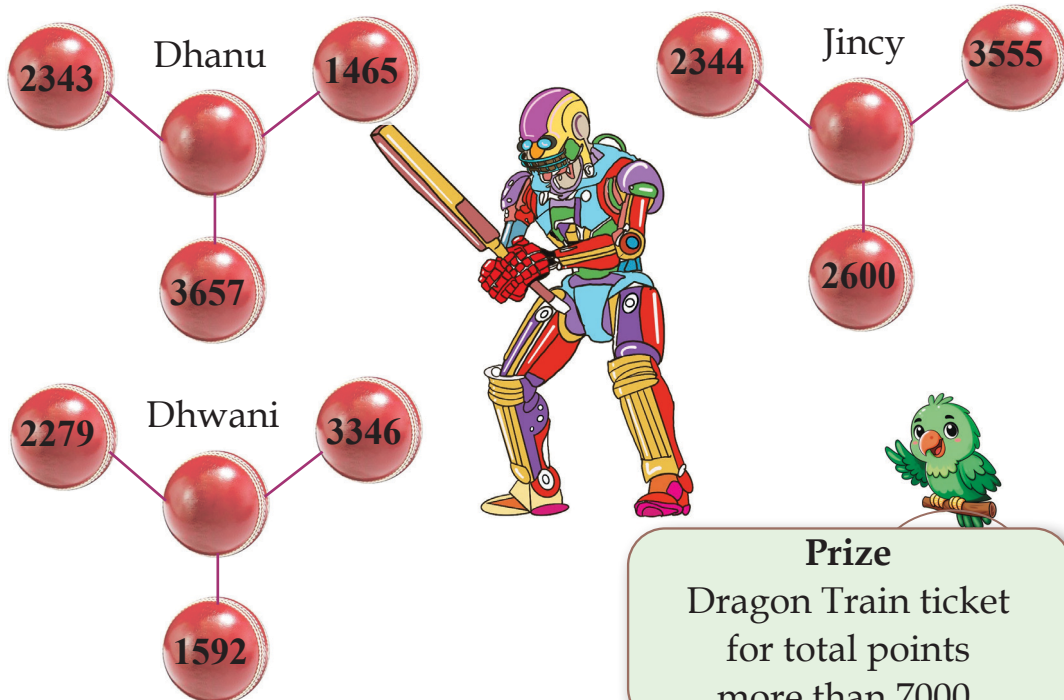
How much money for a washing machine and a cot? _____

A person bought something from the shop and gave a sheaf of hundred 100 rupee notes and he got 1 rupee back. What did he buy?

- If you have 12000 rupees with you, what all things would you buy? Write reasons also.

Batting Corner

Dhanu and Dhwani came to the batting corner. Each player can bat for three overs. Points are given after each over. See the points the three children got.

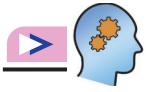


Score card

Name	Points scored			Total
Dhanu				
Jincy				
Dhwani				

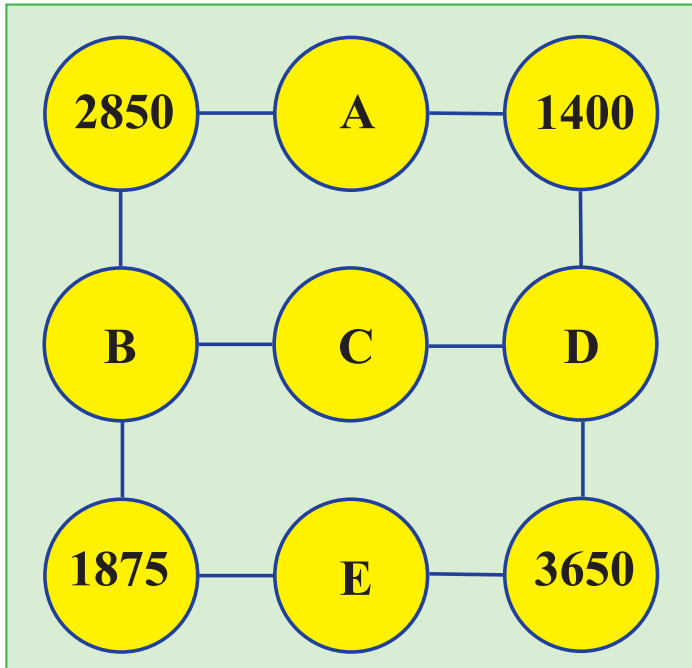
Who all won tickets for the Dragon Train? Find out and write.





(1) Calculate the sums and write in the circles.

To get the number in circle A, calculate $2850 + 1400$.



A =

B =

C =

D =

E =

(2) Write the next 5 numbers

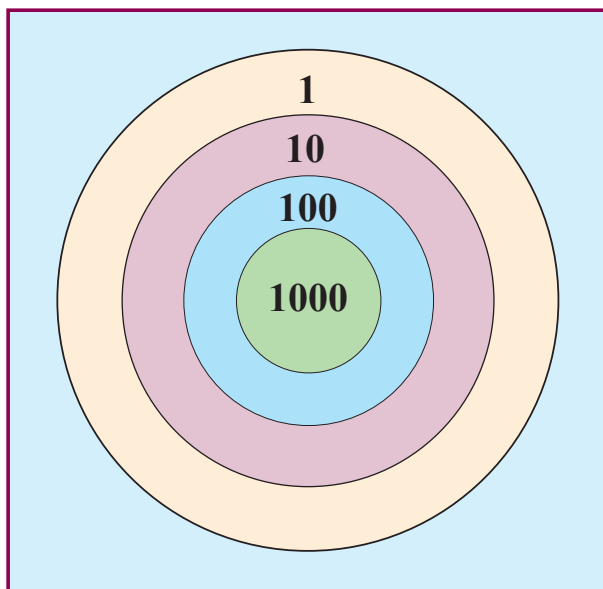
- 4100, 5100, 6100,,,,,
- 2352, 2852, 3332,,,,,
- 1000, 2111, 3222,,,,,
- 2839, 3748, 4657,,,,,

(3) What is the number in the empty cell?

1500	1750
?	2050

- (A) 3000 (B) 2400 (C) 2300 (D) 2150

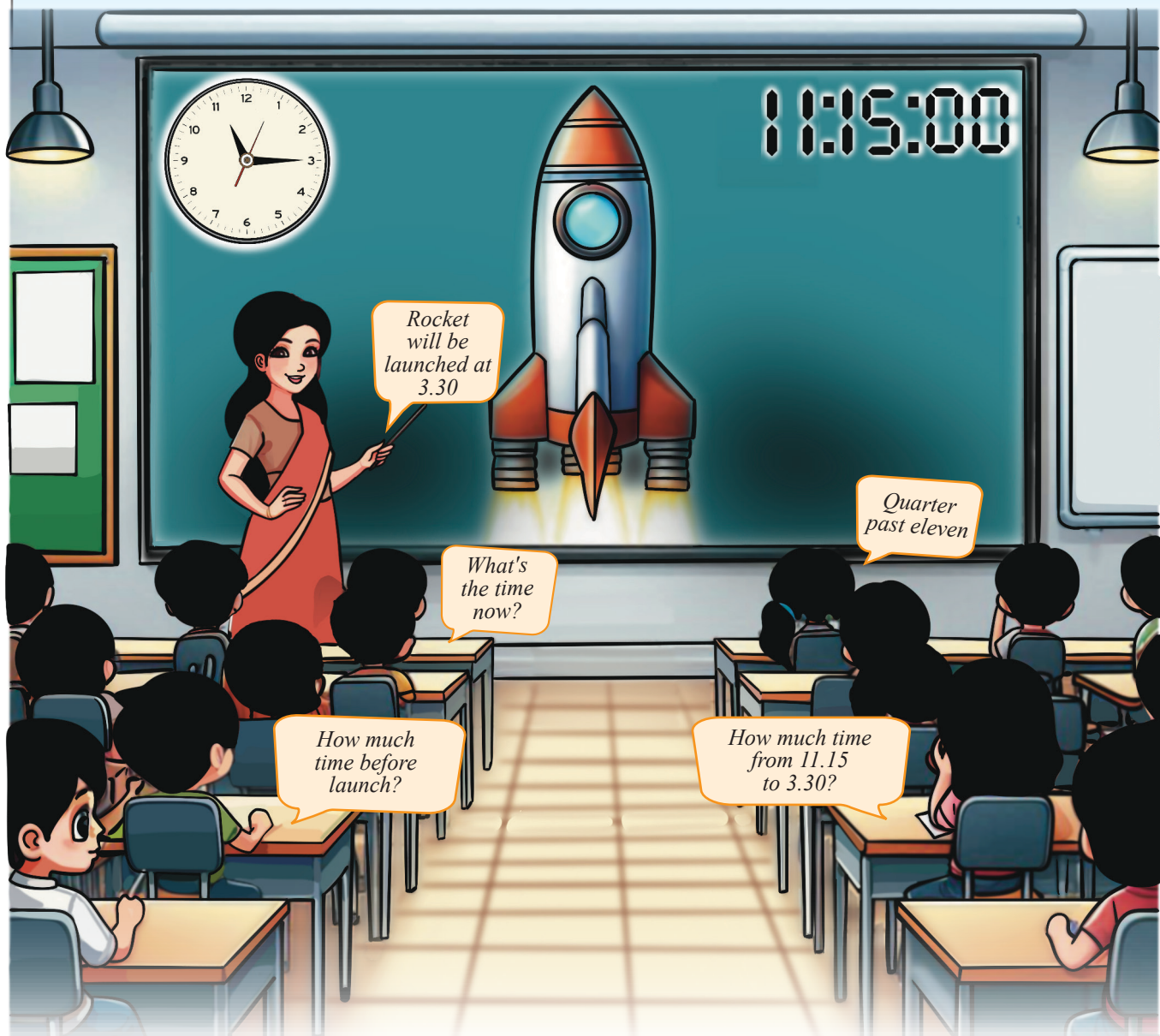
(4) Look at the shooting target and answer the questions below:



- How many points would be scored, if one hits each of the circle once?
- Dhvani hit the 1000-circle 3 times and the 10-circle 2 times. How many points did she get?
- Dhanu shot 10 times and scored 5140. Which are the circles be hit and how many times each?
- Among the numbers below, which can be the total score of 10 shots?
(A) 5142 (B) 6280 (C) 4510 (D) 1245
- After many shots, one's total score was 3333. What is the minimum shots he must have fired?

5

It's Time



How many hours from 11:30 to 3:30?

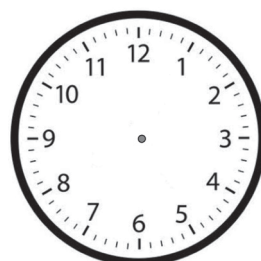
How many minutes from 11:15 to 11:30?

From 11:15 to 3:30 hours minutes.

At Nidhi's Home

09:15:00

Nidhi, are you ready?
Only fifteen minutes for
the school bus.



.....hoursminutes.

Nidhi And Friends At School

Look at the digital clock.

09:29:52

09:29:53

09:29:54

09:29:55

09:29:56

Fifty
two

Fifty
three

Fifty
four

Fifty
five

Fifty
six



09:29:57

09:29:58

09:29:59

09:30:00

09:30:01

09:30:02

.....

.....

.....

.....



Write the next times that the digital clock shows.

Did you note the times in the above pictures? What all things did you understand?

What is the time shown after 9 hours 29 minutes and 59 seconds?
..... hours minutes seconds

What is shown after 29 minutes
and 59 seconds? 30 minutes

What did you get from this?



What I understood

Seconds and minutes



Nidhi At School

Look at the time Nidhi reached school.



How much time did she travel to reach school?

What I found out



Race Walking

The digital clock shows the time when the race walking started.

10:30:00

See the time at which the children finished the race.



Name	Time
Mili	10:31:32
Tanu	10:31:25
Saya	10:31:12
Nidhi	10:31:29
Ayana	10:31:15



How do we know who is in the first place?

Look at the time in the digital clock.



The time when Mili reached the finish

..... hours minutes seconds

How much time did she take to finish minutesseconds?

Who finished the race in least time?

How much time?

Second is a shorter time than a minute.



Write in order the names of those who finished first, second and third _____, _____, _____

You can also do a race
And calculate the time each took to finish.

Hide And Seek



Time to count up to 50

My Guess

Use digital clock to get the correct time.



How much time is needed to count?

Write in table how much time your friends took to count to 50

Name				
Time				

Minimum time to count _____

Maximum time to count _____

My Time

Write the things you can do in one minute:

-
-
-
-
-

Walk And Time

The time you take to walk all around the classroom, right beside the walls.

Find using a stopwatch

Round the clock

Round and round the clock
Goes the hour hand

Two rounds full makes the
whole day

Round and round the clock
Goes the minute hand

How many rounds in all to
make a full day?

Puzzle Corner

Look at the number below.

101

What is the largest number that can be formed by changing the position of just two lines?

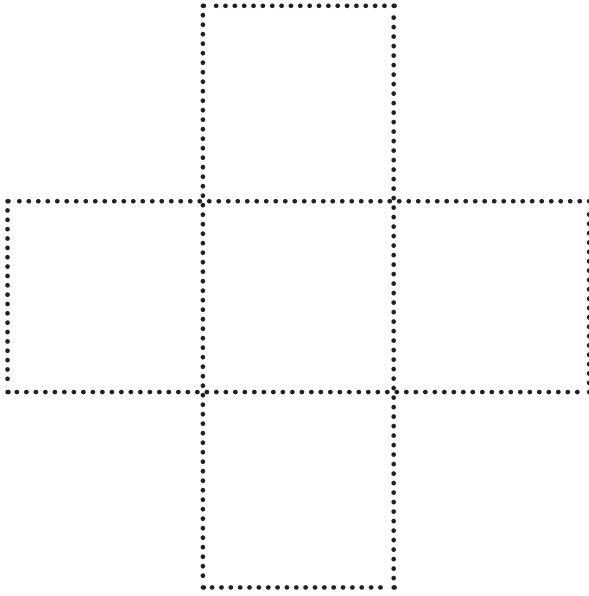
In 101, one line from zero is shifted to the middle of zero.

What do we get? 191

Can you make a number larger than 191?

From Start To Finish

See the picture. Start drawing the picture without lifting the pencil till finished. Also don't draw on the line already drawn. How much time did you take to draw?



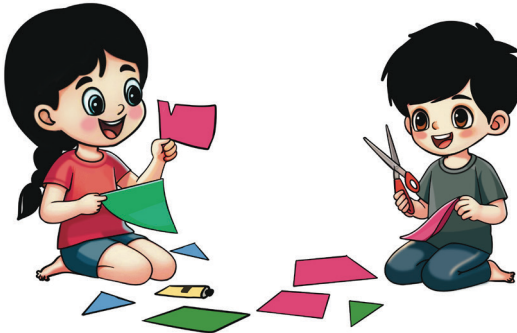
..... Seconds

*Start from
a corner.*



Let's Make A Clock

The children in Nidhi's class are making clocks.



*Keep the clock
you make in your
math box.*



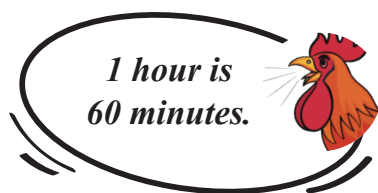
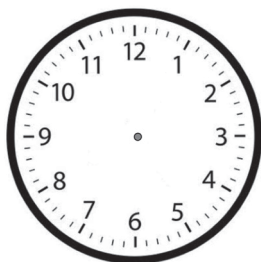
*Start making
clocks at 11.*

*And we have
two hours.*



When will it be finished?

Show it in the clock.



Write in minutes the time taken to make the clock.

..... Minutes

See the clock Nidhi made ...



Wow!
2 hours
= 120 minutes!
= 7200 seconds!!

Time taken for the second hand
to move from 9 to 12 is
seconds

Write the time shown by the clock hours.....
minutes seconds

Time taken by the hour hand
to make one rotation?

..... hours.

What about the minute hand?

..... hours.

And the second hand?

..... minutes.

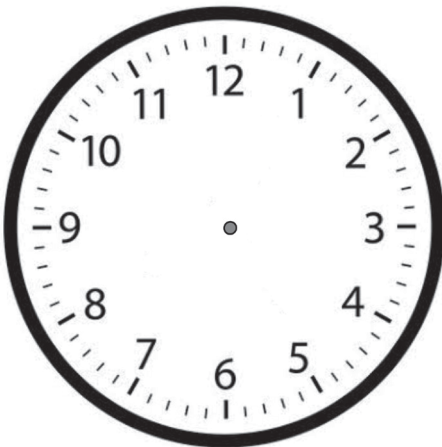
The longest
and thinnest
hand of the
clock is the
second hand.

Which is the fastest moving hand of the clock? _____

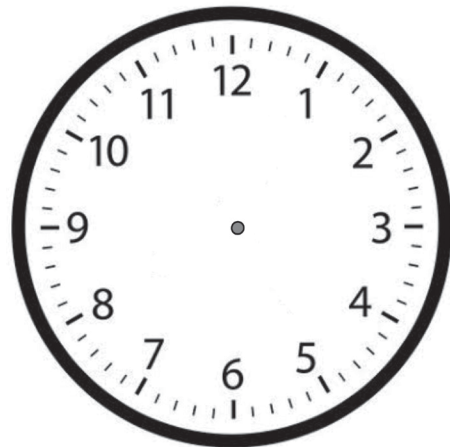
See The Clock...Write The Time

Picture	Time		
	Hours	Minutes	Seconds
			
			

Draw The Time In The Clocks...



12 hours
50 minutes
30 seconds.



6 hours
5 minutes
16 seconds.

Puzzle Corner

One hour ago, the time was 10 hours and 15 minutes.
What will be the time after two and a half hours?

Little Drops...Mighty Ocean



Each second, one millilitre of water leaks out of this tap.

How many millilitres of water will leak out in 10 minutes?



How I calculated

Only Seconds!

Time taken by second hand to reach 1 from 12.

Time taken by second hand to reach 2 from 12.

In 15 seconds the second hand moves from 12 to what number?

Time taken by the second hand to complete half a circle.



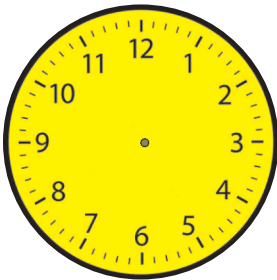
Cooking Competition

At the school reunion, they made different kinds of payasam.

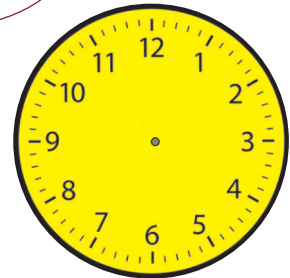
The clock shows the time all started cooking.



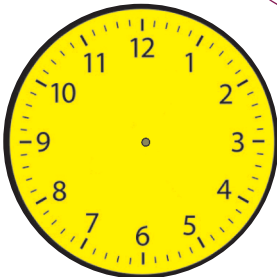
*I finished in
2 hours and 10
seconds.*



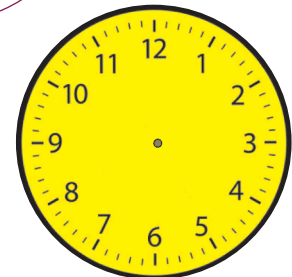
*I needed only 132
minutes and
35 seconds.*



*20 minutes
and 45 seconds
before 2 hours
I finished cooking.*



*I needed
1 hour, 50 minutes
and 25 seconds.*



Mark on the clock beside each, the time at which they finished.

The maximum time taken for cooking _____

The minimum time _____

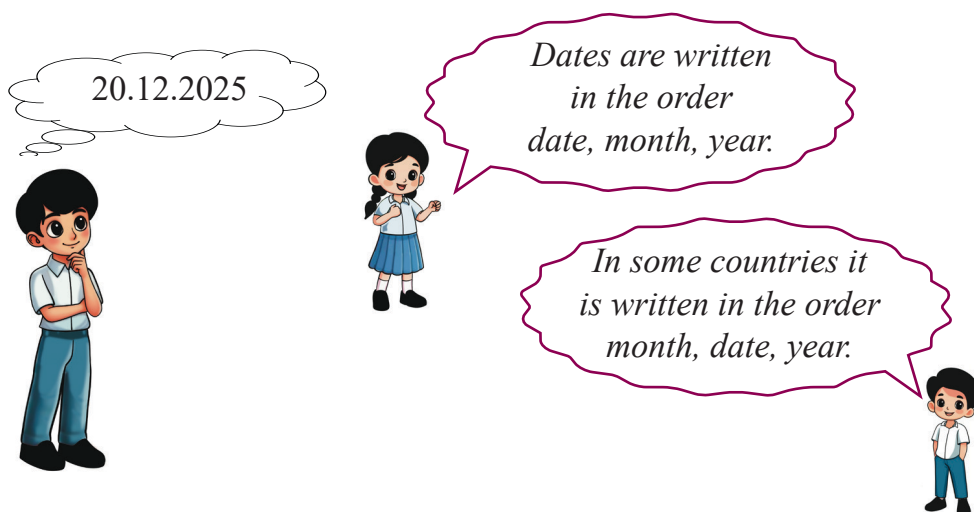
Notice Board

December 22
National Mathematics Day

The competitions in connection with National Mathematics Day celebrations will be conducted on **20.12.2025**. Those who wish to participate must give their names to the class teacher before half past one today.

Competitions 15.12.2025

• Math Quiz • Math Puzzles • Pattern Making



What is the last date to give names? _____

The sub-district competitions are on 1.1.2026

- How many days after the school competitions are the sub-district competitions held?

Find From The Calendar

- Look at this year's calendar. Which day of the week is December 22? _____
- March 28 is a Thursday. What day was March 11?

- Today is a Sunday. What day will be the 24th day from today?

Calendar Math

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

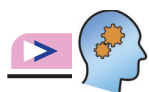
Three sets of numbers are marked on the calendar. See any relation between the numbers in each set? Write down in your notebook.

Continue the pattern.

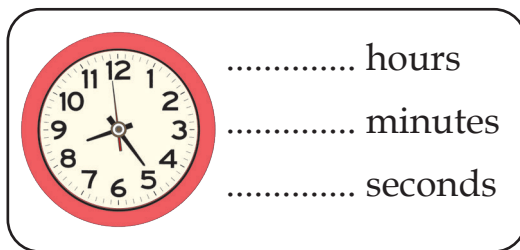
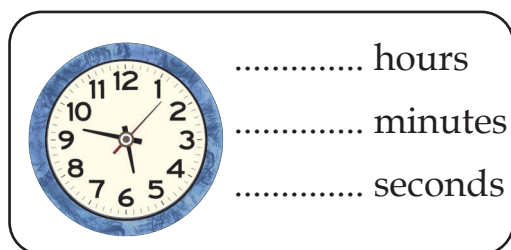
- 3, 10, 17, ---, ---
- 4, 12, 20, ---, ---
- 2, 8, 14, ---, ---

What I found out

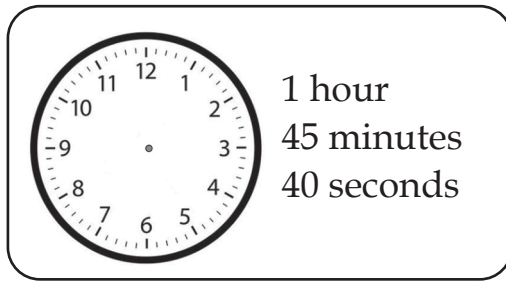
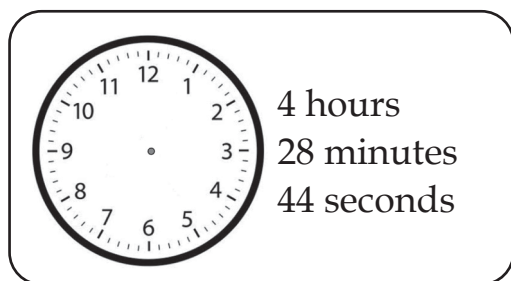
- See if you can find more patterns in the calendar.



- 1 The sight seeing trip started at 5:30 in the morning from Nidhi's school. After visiting several places, they came back at 5:30 in the evening. How much time did the trip take?
- 2 To move from 7 to 3, how much time will the hour hand take?
- 3 Time taken by the second hand to reach 11 from 5 is seconds. This is minutes.
- 4 Two hours before, the time was half past nine. What will be the time after three and half hours?
- 5 The first Friday of January is on the 2nd. Which are the other dates which are Fridays?
- 6 If the seventh of a month is a Thursday, what day is the seventeenth? What day is the 27th?
- 7 Write the time...



- 8 See the time and draw on the clock ...



6

Decreasing Numbers

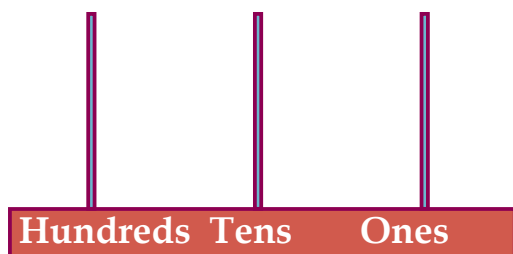


Abacus

Kichu and friends made abacus and are playing with it.



- What is the number on the abacus? _____
- What number subtracted from it gives the smallest three-digit number? _____
- Draw this number on the abacus.



Fill up the blanks

$$99 - 10 = \dots\dots\dots$$

$$999 - 100 = \dots\dots\dots$$

$$9999 - 1000 = \dots\dots\dots$$

Let's Subtract

- Subtracting the largest two-digit number from the largest three-digit number gives what number? _____
- Subtracting 120 from 340 gives what number?

See Kichu's answer.

We need only subtract 12 tens from 34 tens.

34 tens – 12 tens

= _____ Tens = _____

- What if we want to subtract 160 from 340? Try it!
- What about subtracting 162 from 346?



We can also do this by finding how many tens added to 16 tens give 34 tens

Method : 1

Calculate how much you add to 162 to get 346.

$$162 + 8 = 170$$

$$170 + 30 = 200$$

$$200 + 146 = 346$$

$$146 + 30 + 8 = 140 + 6 + 30 + 8$$

$$= 140 + 30 + 14$$

$$= 170 + 14$$

$$= \underline{\underline{184}}$$

Method : 2

$$346 \rightarrow 300 + 40 + 6$$

$$162 \rightarrow 100 + 60 + 2$$

Rewriting this

$$346 \rightarrow 200 + 140 + 6$$

$$162 \rightarrow 100 + 60 + 2$$

$$\underline{\quad\quad\quad} 100 + 80 + 4$$

$$346 - 162 = 184$$

Hundreds	Tens	Ones
3	4	6
1	6	2

This can be rewritten like this.

Hundreds	Tens	Ones
2	14	6
1	6	2



You can also write it like this.

$$\begin{array}{r} 346 \\ - 162 \\ \hline 184 \end{array}$$

- Kichu made 876 on his abacus and Chippy made 697 on hers. How much more than Chippy's number is Kichu's number?

- You have 13 beads. Write the largest three-digit number and the smallest three-digit number you can show on the abacus using these. What is their difference?

Largest three-digit number _____

Smallest three-digit number _____

Difference _____

Which is the correct answer ?

- Between which two numbers below is $761 - 380$?
 - (i) Between 400 and 500
 - (ii) Between 400 and 420
 - (iii) Between 380 and 400
 - (iv) Between 350 and 380

My answer

Try this!

$$8 - 1 = 7$$

$$88 - 11 = \dots\dots\dots$$

$$888 - 111 = \dots\dots\dots$$

$$8888 - 1111 = \dots\dots\dots$$

Find Out... And Win A Prize

Today, Kichu's sister Ammu also played with Kichu and his friends.

I'll give a prize to all!

How do we get a prize?

The way to get a prize is under the banyan tree.



There's a piece of paper under the tree.



What should be added to 3542 to get 3798?

We can also write like this:

$$3542 + 8 = 3550$$

$$3550 + 50 = 3600$$

$$3600 + 100 = 3700$$

$$3700 + 98 = 3798$$

$$8 + 50 + 100 + 98 = 100 + 98 + 58$$

$$= 100 + 98 + 2 + 56$$

$$= 100 + 100 + 56$$

$$= \underline{\underline{256}}$$

Thousands	Hundreds	Tens	Ones
3	7	9	8
3	5	4	2
	2	5	6



The next clue to get the prize is in the front yard.

Any other way to calculate this?

What is the difference of 5849 and 2617?

Thousands	Hundreds	Tens	Ones
5	8	4	9
2	6	1	7



What I Wrote

- What number is got by combining thousands, hundreds, tens and ones?
- What number is got by adding and ?

Write More Questions...

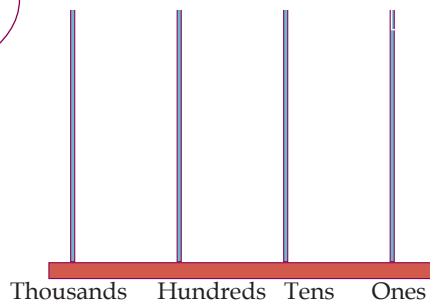
-
-
-

The Prize

What is the difference of 2837 and 524?



An abacus
as prize for
each.



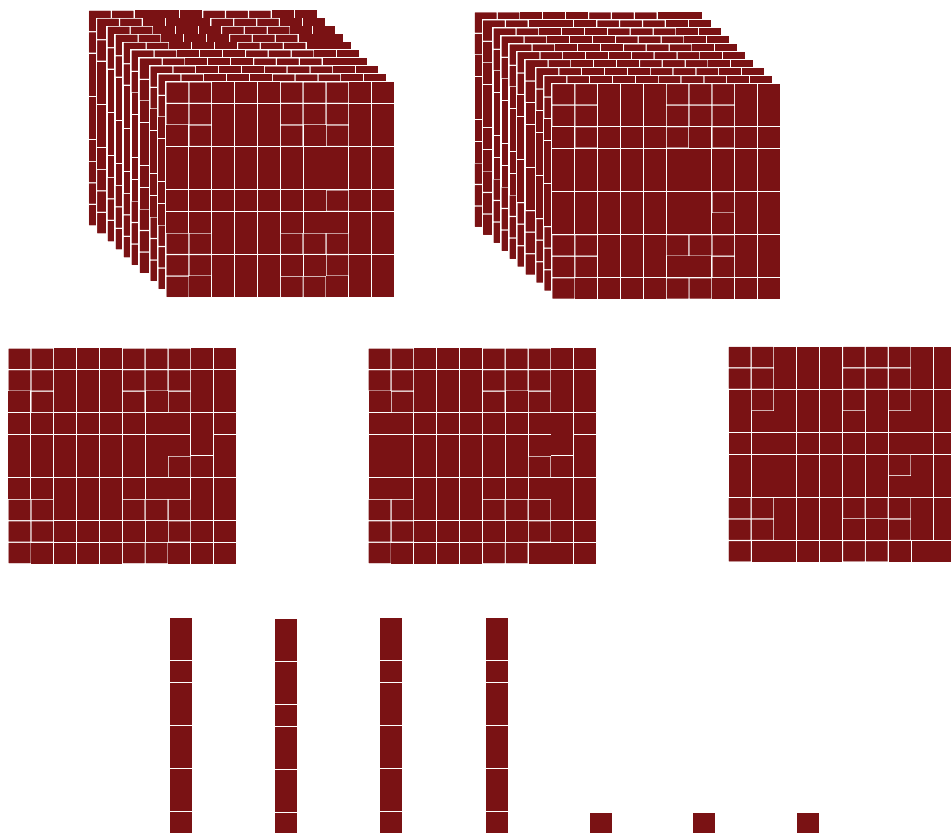
How about
showing the
answer on the
abacus?



Math Box

Kichu came below the banyan tree with the square sheets in the math box to play with his friends.

See the picture...



How many thousands in it? _____

How many hundreds? _____

How many tens? _____

How many ones? _____

What's the number? _____

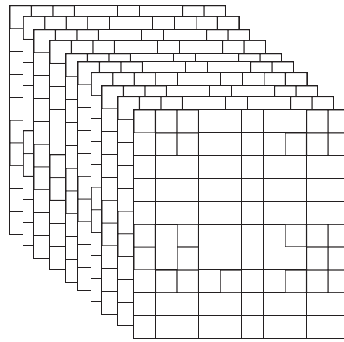
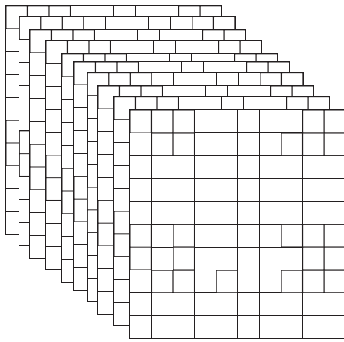
Puzzle Corner

I'm between
five thousand
and eight thousand.
I'm an even number.
Digits are four
consecutive numbers.
Who am I?

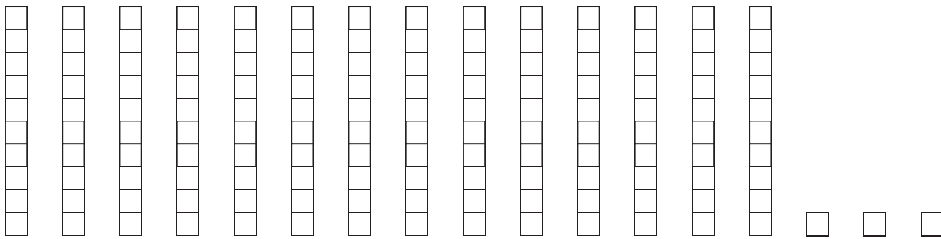
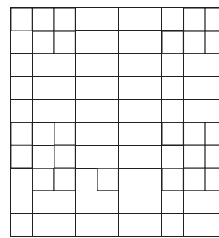
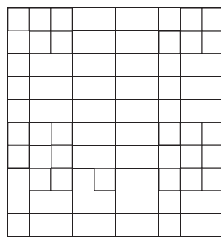
Mini coloured 1251 of these squares.

Let's Colour!

You too, colour the 1251 squares.



A set of 100 squares is split into 10 of 10 squares.



Among the squares not coloured

Number of thousands _____

Number of hundreds _____

Number of tens _____

Number of ones _____

The number? _____

Thousands	Hundreds	Tens	Ones
2	3	4	3
1	2	5	1

We can rewrite like this.

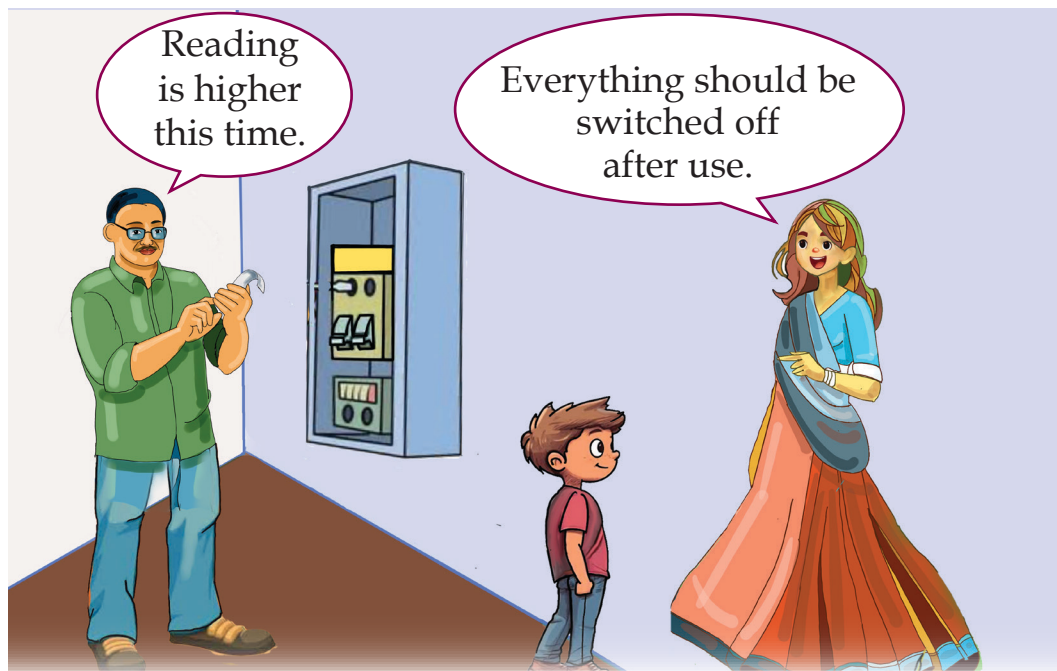
Thousands	Hundreds	Tens	Ones
2	2	14	3
1	2	5	1
.....			

Subtract

Subtract 1812 from 3625 using square sheets.

Write how you subtracted in your notebook...

Electricity Bill



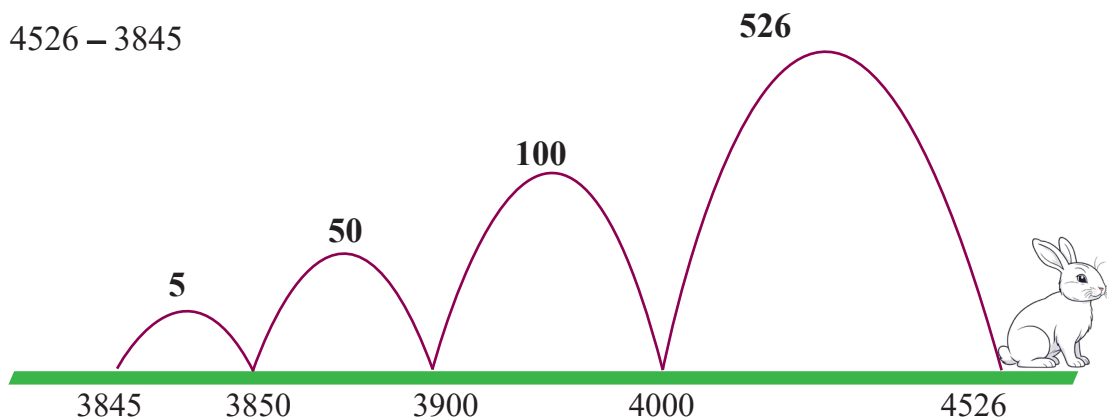
At Kichu's home, The electricity meter reading this time is 4526.

Last reading was 3845.

See how the use of electricity at Kichu's home is calculated.

Method - 1

$$4526 - 3845$$



$$5 + 50 + 100 + 526 = 681$$

Method - 2

$$\begin{array}{r} 4000 + 500 + 20 + 6 - \\ 3000 + 800 + 40 + 5 \end{array}$$

$$\begin{array}{r} 4000 + 400 + 120 + 6 - \\ 3000 + 800 + 40 + 5 \end{array}$$

$$\begin{array}{r} 3000 + 1400 + 120 + 6 - \\ 3000 + 800 + 40 + 5 \\ \hline 600 + 80 + 1 \end{array}$$

$$\begin{array}{r} 4526 - 3845 \\ 4526 - 3000 = 1526 \\ 1526 - 800 = 726 \\ 726 - 45 = 681 \end{array}$$

Number	Thousands	Hundreds	Tens	Ones
4526	3	14	12	6
3845	3	8	4	5
		6	8	1



Can also write like this

3	14	12	
---	----	----	--

$$\begin{array}{r} 4 \ 5 \ 2 \ 6 \ - \\ 3 \ 8 \ 4 \ 5 \\ \hline 6 \ 8 \ 1 \end{array}$$

Meter reading

The electricity meter reading at the homes of some of Kichu's friends are given below. Fill up the blanks.

Name	Meter Reading		Usage for 2 months
	February	April	
Chippi	4215	4826	.....
Jeena	.....	5278	400
Farris	6970	7340	.....
Minny	5870	.....	395

In which household was the most amount of electricity used?

What is the electricity meter reading at your house this month?

Circus



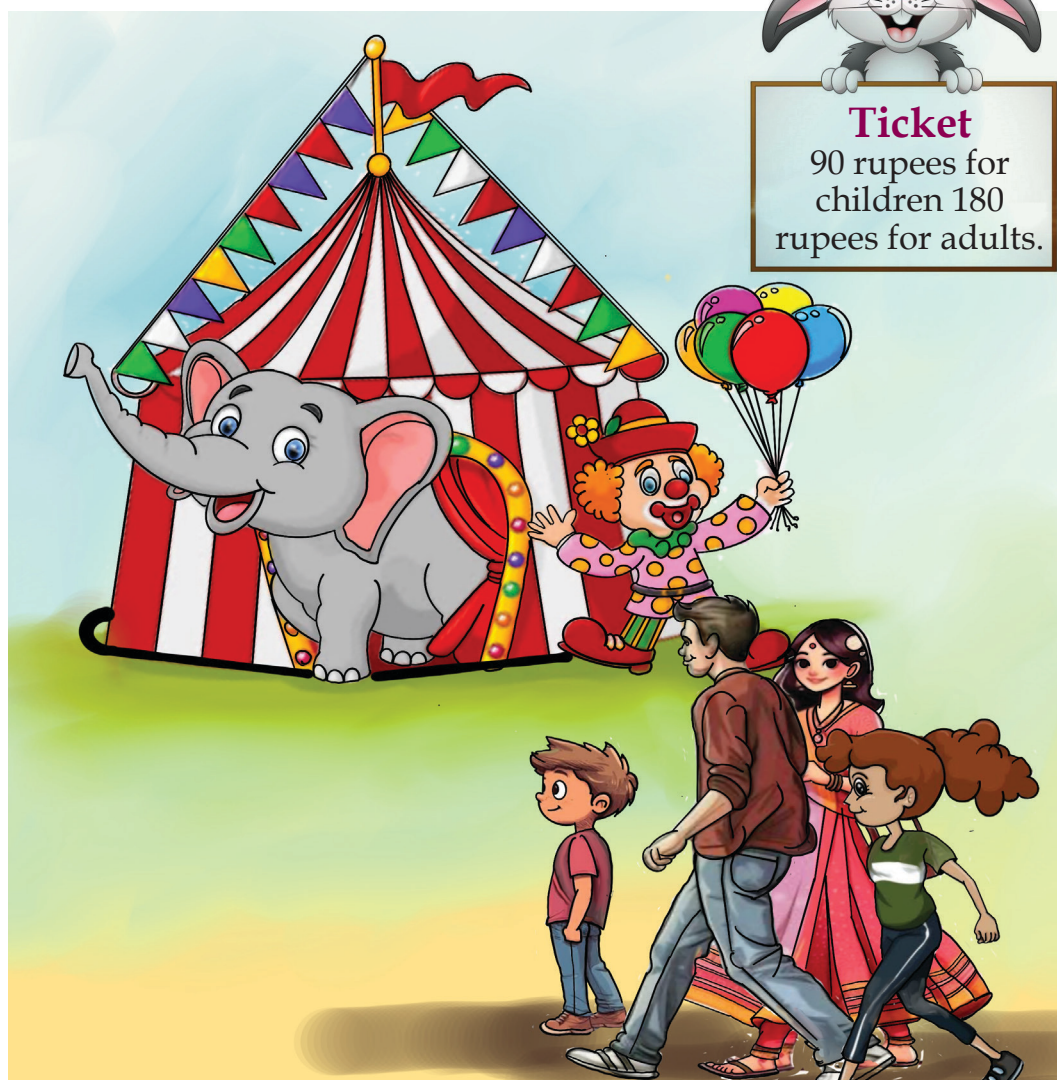
Can we go to
the circus today
Dad?



OK!
We'll go in
the evening.



Ticket
90 rupees for
children 180
rupees for adults.



Kichu and family reached the circus tent and bought tickets.

How much for the 4 persons? _____

Gave two five-hundred rupee notes at the counter.

How much did they get back? _____

Method - 1

$$\begin{array}{rcl} 1000 & - & 540 \\ 540 & + & 60 = 600 \\ 600 & + & 400 = 1000 \\ 60 & + & 400 = 460 \end{array}$$

Method - 2

$$\begin{aligned} 1000 - 540 &= (1000 - 1) - (540 - 1) \\ &= 999 - 539 \\ &= 460 \end{aligned}$$

Method - 3

$$\begin{array}{rcl} 1000 & - & 540 \\ 1000 & - & 500 = 500 \\ 500 & - & 40 = 460 \end{array}$$

Thousands	Hundreds	Tens	Ones	
1	0	0	0	-
	5	4	0	

Thousands	Hundreds	Tens	Ones	
	9	10	0	-
	5	4	0	
.....				



We can also write like this

$$\begin{array}{r} 1000 \\ - 540 \\ \hline 460 \end{array}$$

$$\begin{array}{rcl} 1000 & - & 100 = 900 \\ 1000 & - & 500 = \\ 1000 & - & 250 = \\ 1000 & - & 820 = \\ 1000 & - & 990 = \end{array}$$

Notes and Coins...

Write the amount got back at the circus as notes and coins.



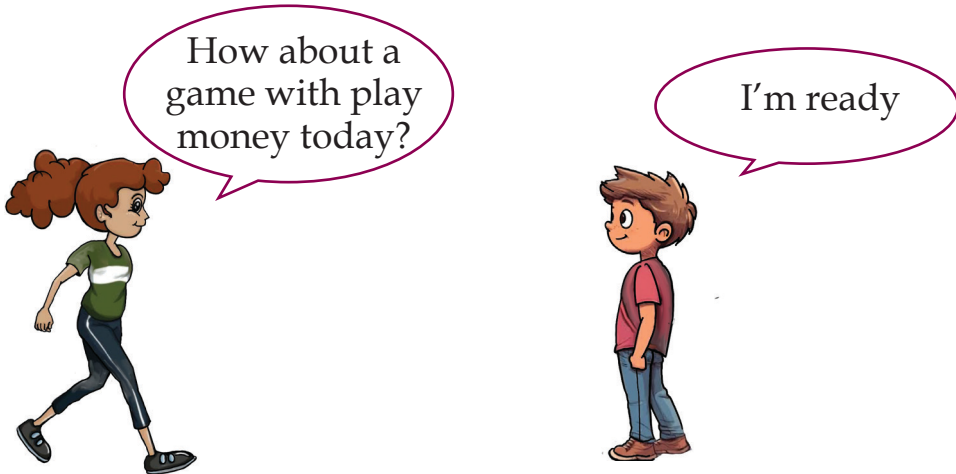
How many notes ? _____

How many coins? _____

If it were just 100-rupee notes and 10-rupee notes, how many notes would they have got?

If the number of notes is to be 10, which notes must be used and how many of each?

Savings



Kichu and Minnie playing bank with play money. See the numbers in the passbook.

Name : Kichu			
Deposit		Withdrawn	
Date	Amount	Date	Amount
14.10.2025	5484	14.10.2025	3295

Kichu withdrew 3295 rupees from his deposit. How much money is left?

Method - 1

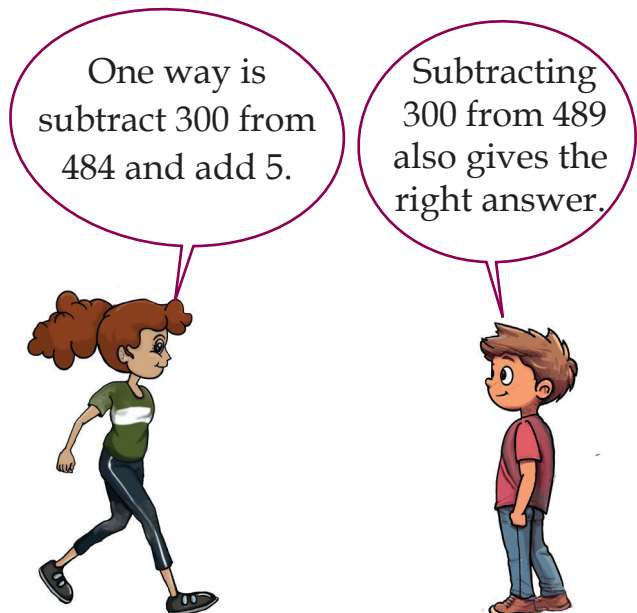
$$5484 - 3295$$

$$5000 - 3000 = 2000$$

$$484 - 300 = 184$$

$$484 - 295 = 184 + 5 = 189$$

$$2000 + 189 = 2189$$



Method - 2

$$5484 - 3295$$

How I calculated

Another way

Look at Minnie's passbook and calculate what is left in the account?

Name: Minnie			
Deposit		Withdrawn	
Date	Amount	Date	Amount
14.10.2025	4971	14.10.2025	2784

If rupees 2784 was withdrawn from Minnie's savings,

Balance amount _____

How I calculated

Another way

Puzzle Corner

What is the number?

6349 added to a four-digit number gives 8778. What is the number?

Playing Shop

The next day, the friends made a shop below the banyan tree. Minnie and Kichu came there with the money they had withdrawn.



What they bought

Kichu

Shoes
Football
Bag

Minnie

Bat
Umbrella

How much money does Kichu have after buying these?

What about Minnie?

How much Kichu
has now

How much Minnie
has now

Jina wants to buy a bicycle. She has 4275 rupees with her.

How much more does she need?

Price of bicycle _____

How I calculated



1. Write the next three numbers:

- 6772, 6572, 6372, _____ , _____ , _____
- 2365, 2254, 2143, _____ , _____ , _____
- 5368, 5438, 5508, _____ , _____ , _____

2. Groceries for one month were bought for Kichu's household and it cost 5372 rupees. 3685 rupees was paid in cash and the rest transferred via an UPI app. How much is it?
3. Subtract the number got by combining 43 hundreds and 57 tens from the number got by combining 8 thousands, 27 tens and 5 ones.
4. You have 18 beads. Write the largest and smallest numbers you can show on an abacus with these. What is the difference of these numbers?

CONSTITUTION OF INDIA

Part IV A

FUNDAMENTAL DUTIES OF CITIZENS

ARTICLE 51 A

Fundamental Duties- It shall be the duty of every citizen of India:

- (a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
- (b) to cherish and follow the noble ideals which inspired our national struggle for freedom;
- (c) to uphold and protect the sovereignty, unity and integrity of India;
- (d) to defend the country and render national service when called upon to do so;
- (e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
- (f) to value and preserve the rich heritage of our composite culture;
- (g) to protect and improve the natural environment including forests, lakes, rivers, wild life and to have compassion for living creatures;
- (h) to develop the scientific temper, humanism and the spirit of inquiry and reform;
- (i) to safeguard public property and to abjure violence;
- (j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievements;
- (k) who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.

CHILDREN'S RIGHTS

Dear Children,

*Wouldn't you like to know about your rights? Awareness about your rights will inspire and motivate you to ensure your protection and participation, thereby making social justice a reality. You may know that a commission for child rights is functioning in our state called the **Kerala State Commission for Protection of Child Rights**.*

Let's see what your rights are:

- Right to freedom of speech and expression.
- Right to life and liberty.
- Right to maximum survival and development.
- Right to be respected and accepted regardless of caste, creed and colour.
- Right to protection and care against physical, mental and sexual abuse.
- Right to participation.
- Protection from child labour and hazardous work.
- Protection against child marriage.
- Right to know one's culture and live accordingly.
- Protection against neglect.
- Right to free and compulsory education.
- Right to learn, rest and leisure.
- Right to parental and societal care, and protection.

Major Responsibilities

- Protect school and public facilities.
- Observe punctuality in learning and activities of the school.
- Accept and respect school authorities, teachers, parents and fellow students.
- Readiness to accept and respect others regardless of caste, creed or colour.



Contact Address:

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Website : www.kescpcr.kerala.gov.in

Child Helpline - 1098, Crime Stopper - 1090, Nirbhaya - 1800 425 1400

Kerala Police Helpline - 0471 - 3243000/44000/45000

Online R. T. E Monitoring : www.nireekshana.org.in