

Mathematics

Part I

Standard II



**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.

II

Mathematics

Prepared by

State Council of Educational Research and Training (SCERT)

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Dear Children,

The class two Mathematics textbook has been designed with a variety of resources to make learning math enjoyable.

You will be able to complete the activities in this book with fun and excitement. Through this, you can also build new knowledge.

May this book help you reach greater heights of understanding, by exploring different ways to solve mathematical problems.

With love and regards,

Dr. Jayaprakash R.K.

Director,
SCERT, Kerala



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contents



1 Shapes in the kitchen



8

2 Hide and seek



22

3 For a better tomorrow



36

4 Gift Box



56

5 United we stand



68

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;

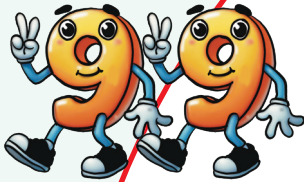
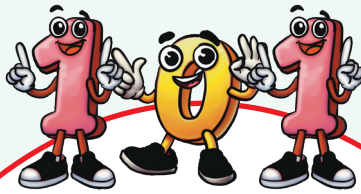
LIBERTY of thought, expression, belief, faith and worship;

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];

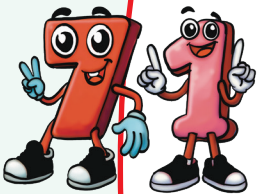
IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

-
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)



I.....

studying in class.....



My mother :

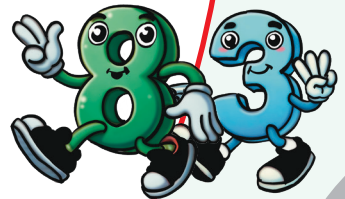
My father :

My teacher :

My school :

Phone No :

My Aadhar No. :



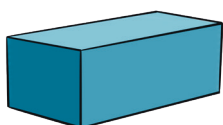


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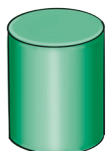
Shapes in the kitchen



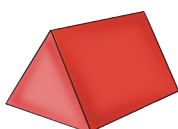
What all things do you see in the kitchen?
Are all of them of the same shape?



Mark those of this shape with a ●.

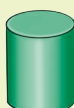
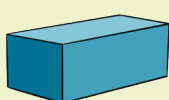


Mark those of this shape with a ✓.

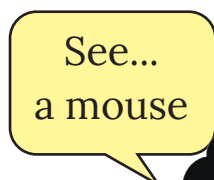


Mark those of this shape with a ×.

What other shapes are there?

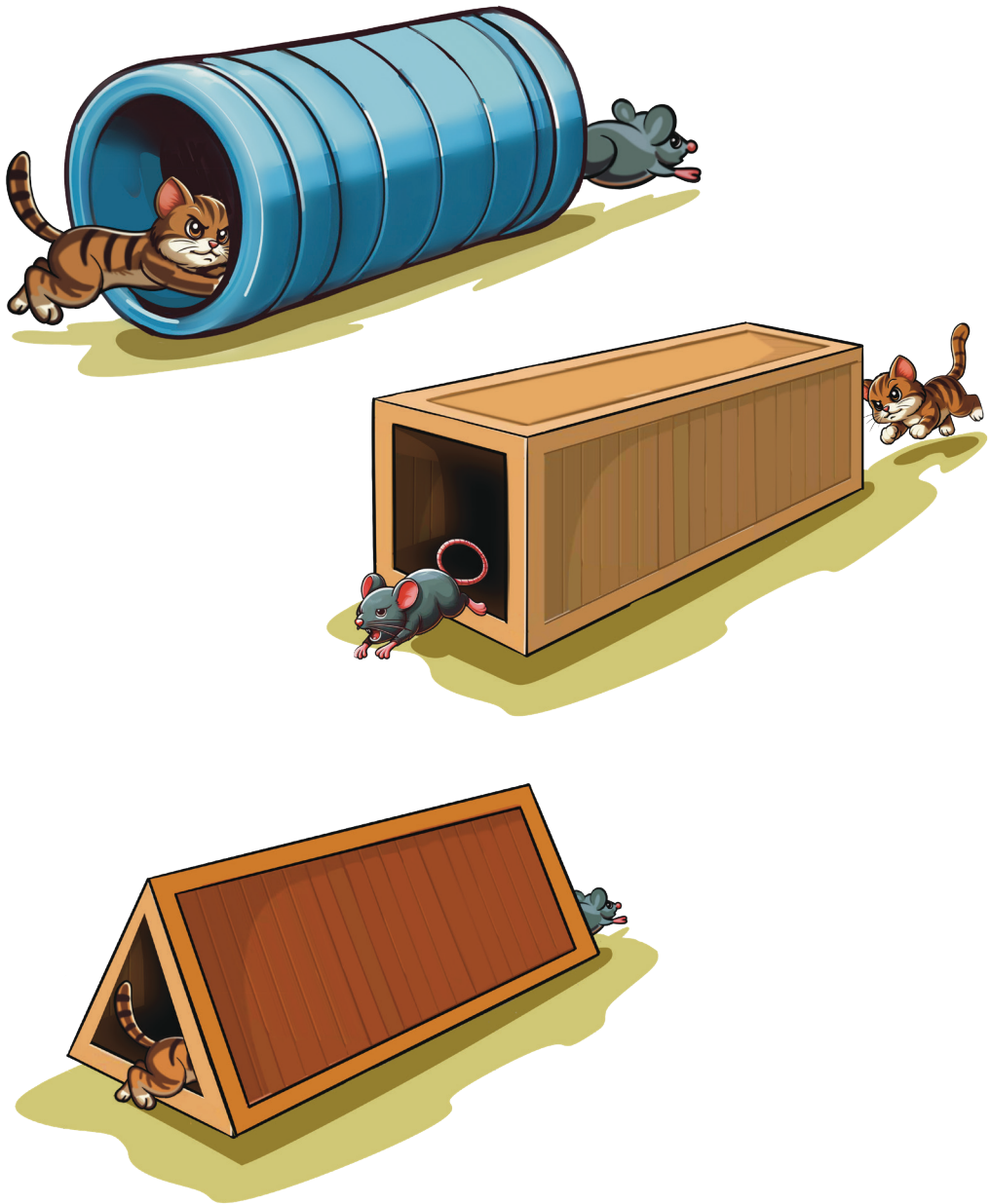


What are the differences between these two shapes?



The cat ran out knocking over everything.
Namith followed the cat.

Mouse and Cat.



Will the cat catch the mouse?

Namith, Nihara and their friends crept through the holes like the cat did.

Which shape is easier to creep through?

Let's arrange the dishes.

See, how Nihara and
Namith arranged
the dishes.



In your kitchen also there are all kinds of dishes.
Arrange them like this.
Those of the same shape together.

See the things in.
What is the shape of each?



Which shape do you see the most? Put a ✓ mark.



Number of dishes of this shape



Number of dishes of this shape



Number of dishes of this shape





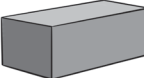
Are there any with both these shapes together?

Draw a picture joining two shapes.

At the bakery

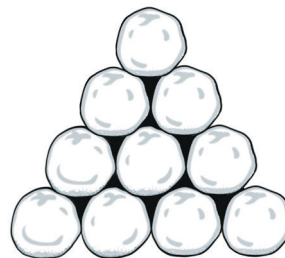
After playing, they went to their father's bakery.
See how the things are arranged.



How many are of this shape ? 

How many are of this shape ? 

See the stack of dumplings?
Draw five more in this picture.



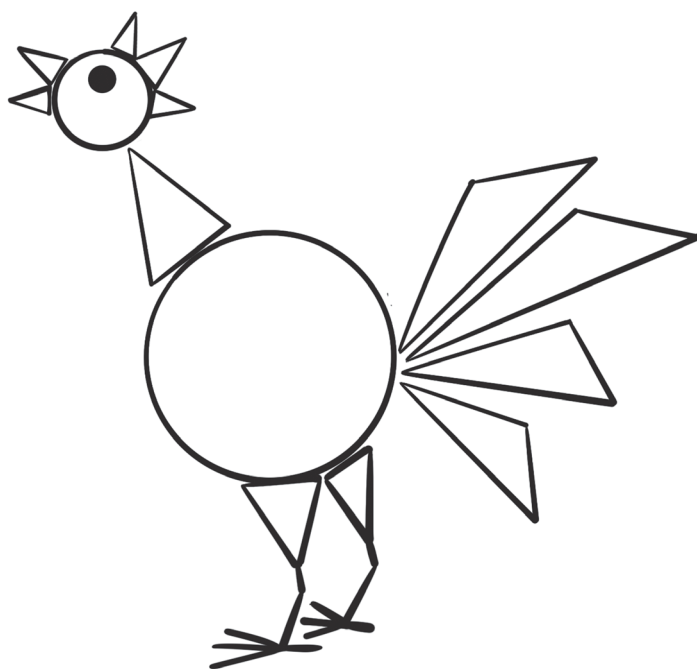
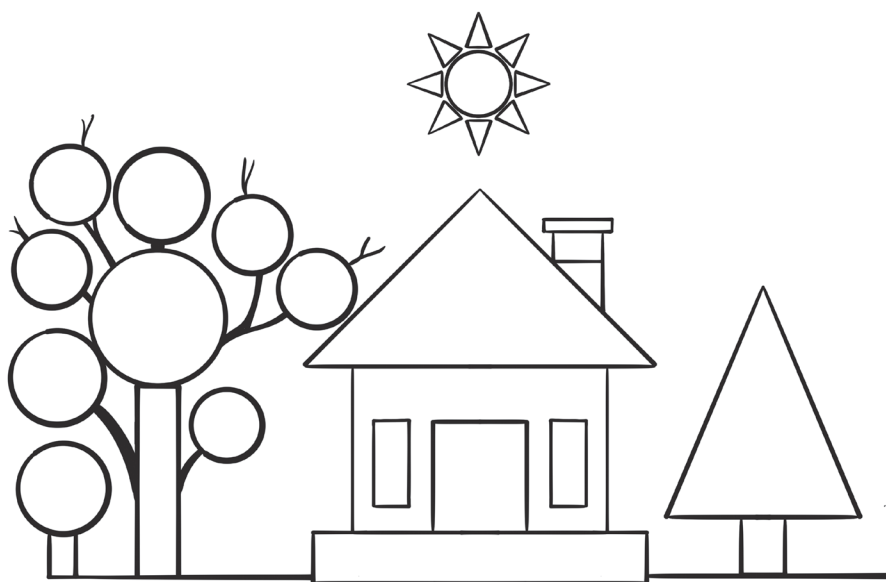
How many dumplings now?

How many cakes are there in the shelf?

How many more cakes are needed to have the same number of cakes and dumplings.

See the pictures Namith and Nihara have drawn using different shapes.

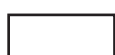
Give the same colour to similar shapes and make them more beautiful.



Shapes by joining dots

How many dots are joined to make each shape?

Write the number.



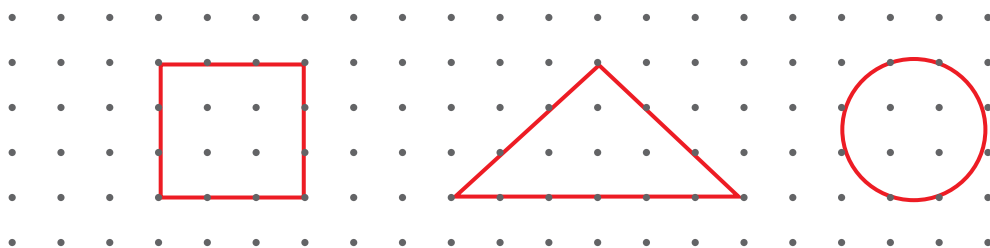
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How many dots are joined to draw each shape?

Write the number.

How many dots are inside each shape?

Write the number.



.....



.....



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Let's draw shapes.



Join 12 dots to draw this shape.

Draw this in different ways.



To draw this, what is the minimum number of dots that should be joined?



Draw this with 6 dots inside.



Join dots to draw this.

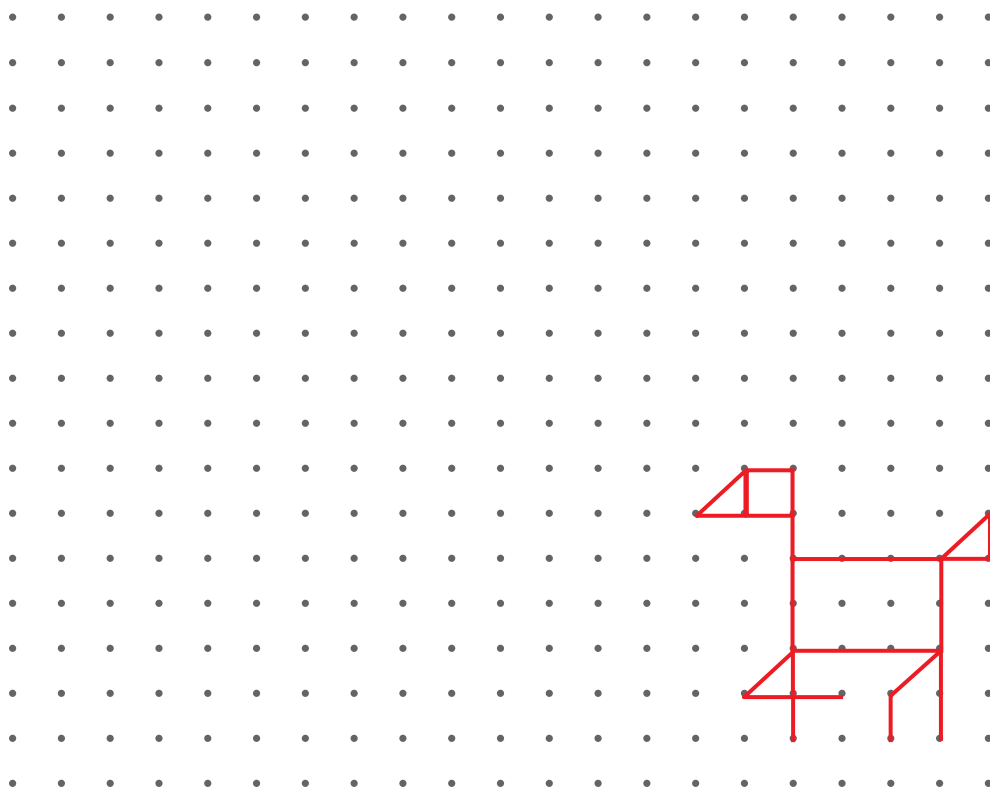
How many dots are joined ?



What is the minimum number of dots needed to draw.



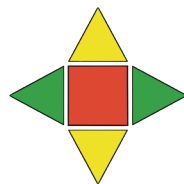
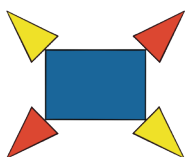
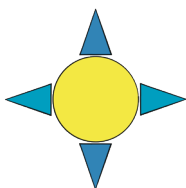
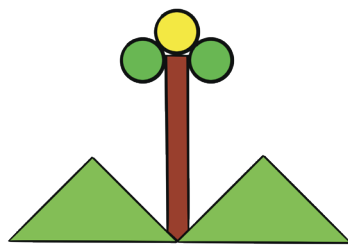
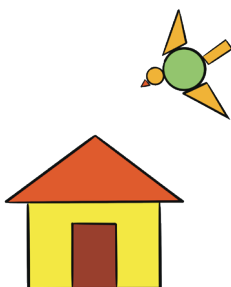
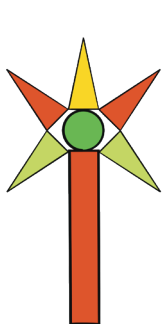
What about this shape?



See the figures Namit made using these shapes.



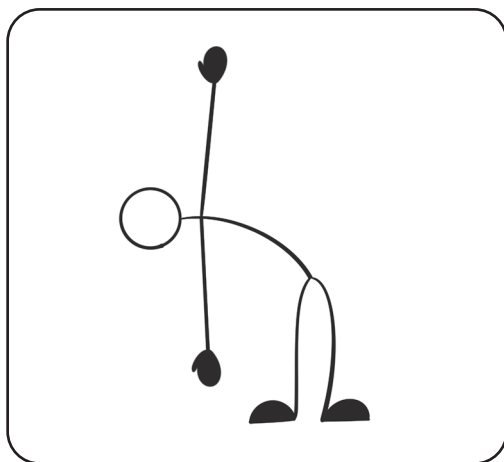
Write the number of times each shape is used in a picture, within that shape below the picture.



Draw a picture using these shapes:   

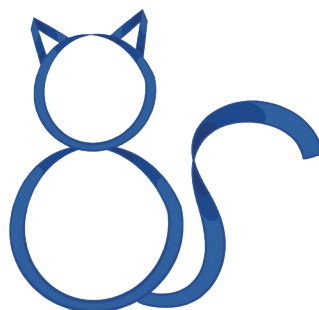
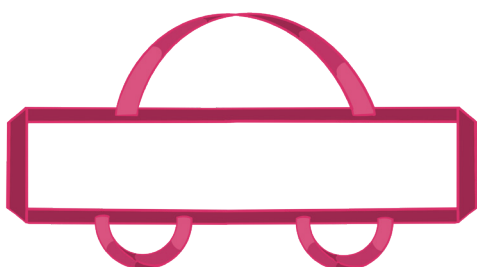
See how Namit is exercising.

Draw matchstick figures of each picture.

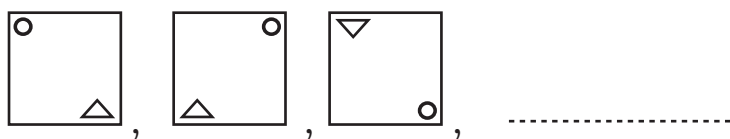
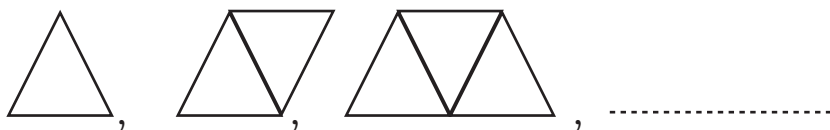


Ribbon figure

Paste coloured paper ribbons to make different figures.



Can you draw the next picture?





When Ice Cream Hid

One day, Daddy made for us,
A bowl of ice cream, sweet and white.
He left the kitchen, just for a while,
And ice cream thought, “Now’s my time!”

Slowly, softly, down it slid,
Jumped in a box to hide.
Saw a cup and climbed inside,
Then found a bowl and took a dive!

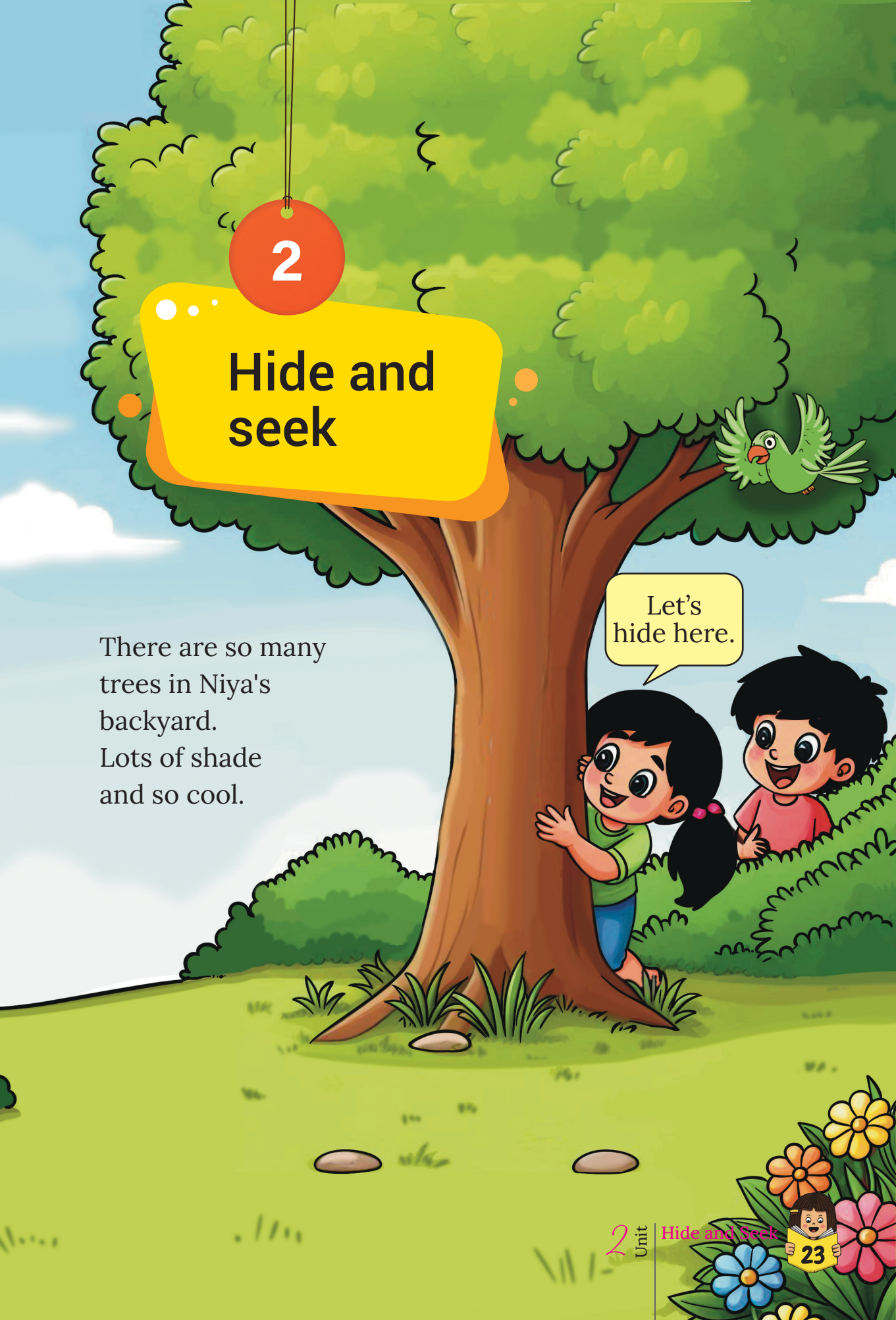
No matter where it chose to stay,
It changed its shape in every way.
Oh, what a tricky little treat—
Always melting, quick and neat!





Count
upto
50 Niya.

Let's play hide
and seek
today.



2

Hide and seek

There are so many
trees in Niya's
backyard.
Lots of shade
and so cool.

Let's
hide here.

Count and play



Write the numbers Niya skipped.



Niya found Jhanvi first.

Jhanvi counted
starting from 30.

Write ten numbers
she counted,
in order.

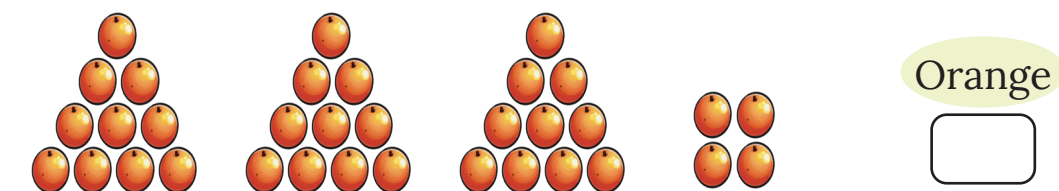
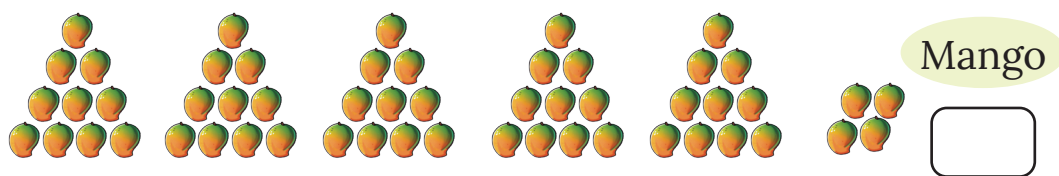
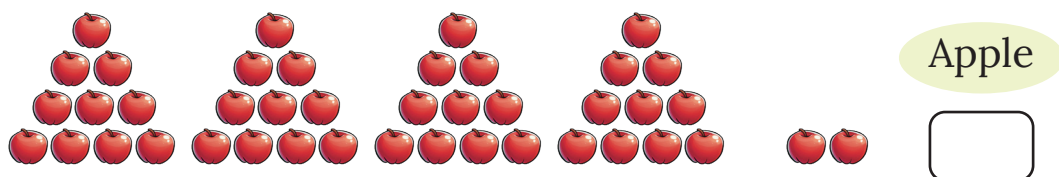
You too can play
with your friends.

They heard a noise in the road while playing.



They put all the fruits in the bag.
Niya counted each each type.

How many each?



They got all the mangoes and oranges, but not apples.
There were 45 apples in all.

How many more apples to find?

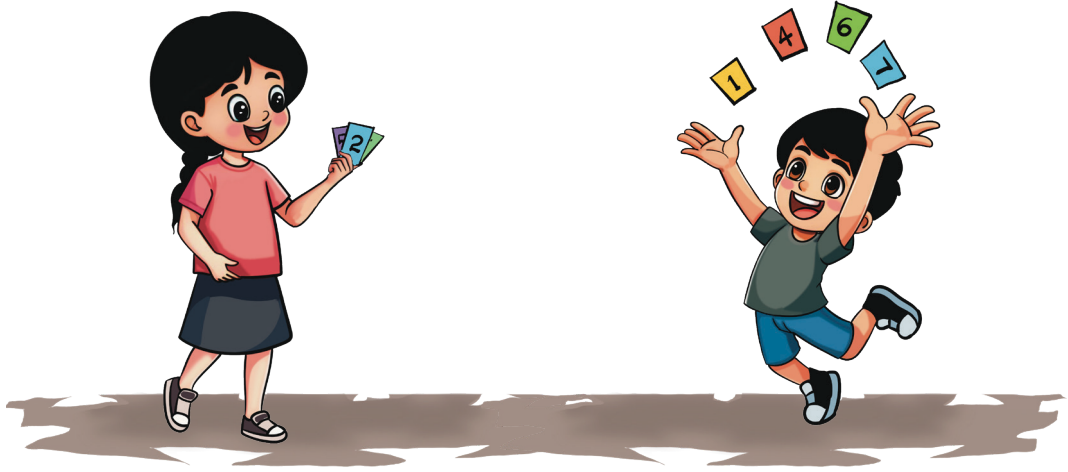
Which is the largest number?

Which is the smallest number?

How many more apples than oranges?

Number Game

Sohan and Niya are playing a number game.



Sohan got 40 points in the first game.

Niya got 7 points more than Sohan.

How many points did Niya get ? 7 more than 40

Niya got 44 points in the second game.

Sohan got 14 points less than Niya.

How many points did Sohan get?

14 less than 44

In the third game, the points they got together is less than 50.

The difference between their points is 10.

What can be the points each got?

Niya

Sohan

Decoration

Niya and Sohan cut different shapes from coloured paper for decorating the classroom.



They played with the shapes.

10 points for 

1 point for 

Both of them laid out their pieces.
How many points does each get?

Nia



$$\square + \square = \square$$

Sohan



$$\square + \square = \square$$

Who got more? How many more?

To make the points equal, how many of each shape should Sohan cut off?

	
---	--

You can also play such a game, cutting out shapes.

What's the age?



How old is the father?

Mihal is 3 years old. Niya is twice as old as Mihal.

How old is Niya?

What about their ages after 5 years?

Mother : 5 more than 40 - 45

Father :

Niya :

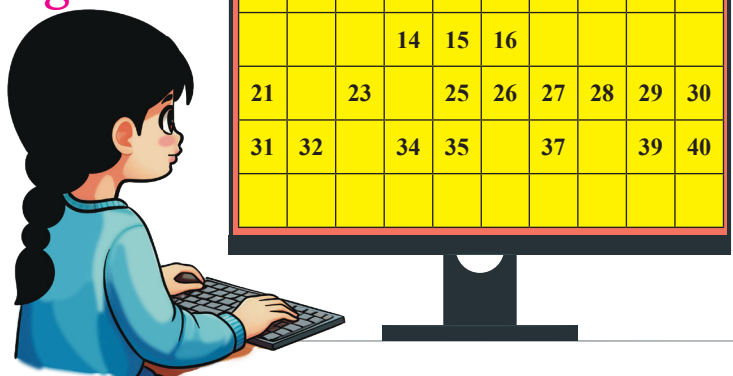
Mihal :



Write down the ages of everyone in your home.

Name	Age

Computer game



Niya is playing on the computer.

What is the number just after 23?

What is the number just before 15?

Which number is above 29?

Which number is below 39?

Write 13, 33, 36, 46 and 49 in the correct boxes on the computer.

Below are some boxes on the computer.
Fill the empty boxes.

	23	

	29	

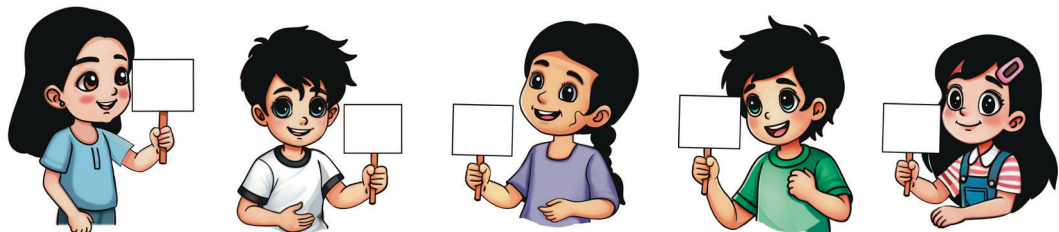
	28		
		25	

	35

Niyaya and her friends are playing with cards.
See how two of them are paired. Pair off the others also.

	30	Forty Nine	
	49	Thirty	
	18	Twenty One	
	21	Thirty Seven	
	37	Eighteen	

Write the number each one got on the card.



Write them from the smallest to the biggest.

--	--	--	--	--

Make pairs.

Join same numbers.

4 Tens

28 Ones

4 Tens
6 Ones

3 Tens
1 One

Thirty One
Ones

4 Tens
4 Ones

1 Ten
1 Nine

40 Ones

2 Tens
8 Ones

46 Ones

Forty Four
Ones

19 Ones

Let's make groups

Those who got the same number on their cards formed a group.

Forty Eight

20 and 16

Twenty Five

40

2 less than 50

36

4 Tens and 8 Ones

4 Tens

25

Forty

Twenty and Five

10 and 15



30 and 6

Twenty added
to twenty

48

Thirty Six

Write what are on the cards in each group.

Group - One

Group - Two

Group - Three

Group - Four

Among these,

which is the largest number?

which is the smallest number?



Cleanliness competition is started for the houses of Valiyara Grama Panchayath. Raihan and Riya thought to get first prize in the competition. Raihan, Riya and their parents started cleaning the house.

3

For a better
tomorrow



3 Unit

For a better
tomorrow



37



Valiyara Grama Panchayath Cleanliness Competition

Dear,

We have decided to make our Valiyara Grama Panchayath into a totally clean panchayath. All households and institutions should participate in this competition. Those who clean well will get prizes. All are requested to cooperate in this effort to make our place clean.

With Regards,

President,
Valiyara Grama Panchayath.

Let's buy things.



We have to separate the plastic items and give them to Haritha Karmasena.

See the price of materials they bought for cleaning.

Price List	
Lotion	Rs. 20
Soap	Rs. 10
Mop	Rs. 60
Broom	Rs. 30

Minnu bought 2 bottles of lotion.

What I calculated.

$$20 + 20 = \boxed{} \text{ Rupees.}$$

40 is 20 doubled.

When we add a number to itself we get double the number.

Aami bought 5 soaps.



How much is the price? Rupees

How did you calculate it?



Price of the mop:

Rupees

Price of two brooms: + =



House Visit

Priya and Kavitha, members of the *Haritha Karmasena* are collecting garbage from houses.



We have to collect garbage from the houses 45 to 99.

45	46	47	48	49	50	51	52	53	54	55	56	57
----	----	----	----	----	----	----	----	----	----	----	----	----

We have done 45 to 57.

How many houses did we do?

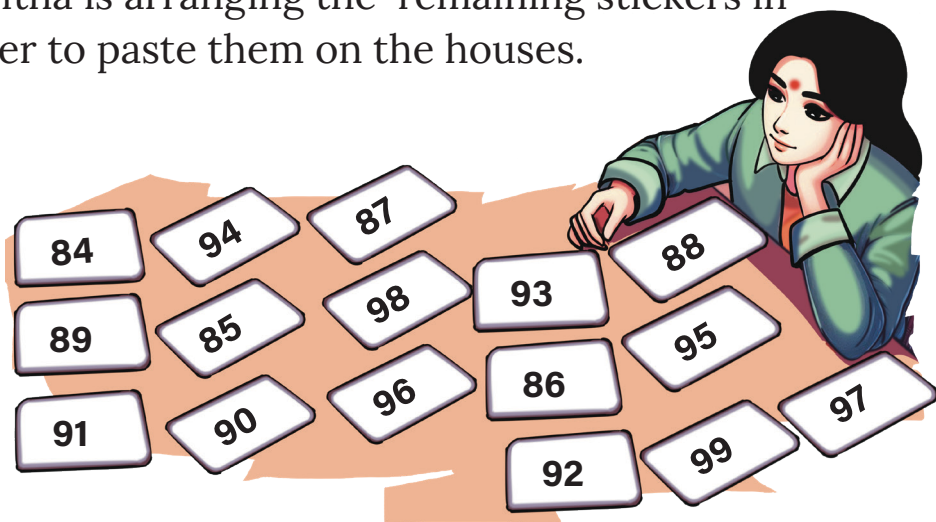
So only 58 to 99 are left.

How many are left?

Write numbers from 58 to 99 in order.

58	59	60	61								69	70	71
													99

Kavitha is arranging the remaining stickers in order to paste them on the houses.



Then some of her friends came over.
Each took a card and read it aloud.



84
Eighty Four

93
.....
.....



78
.....
.....

85
.....
.....



.....
Ninety Seven

.....
.....

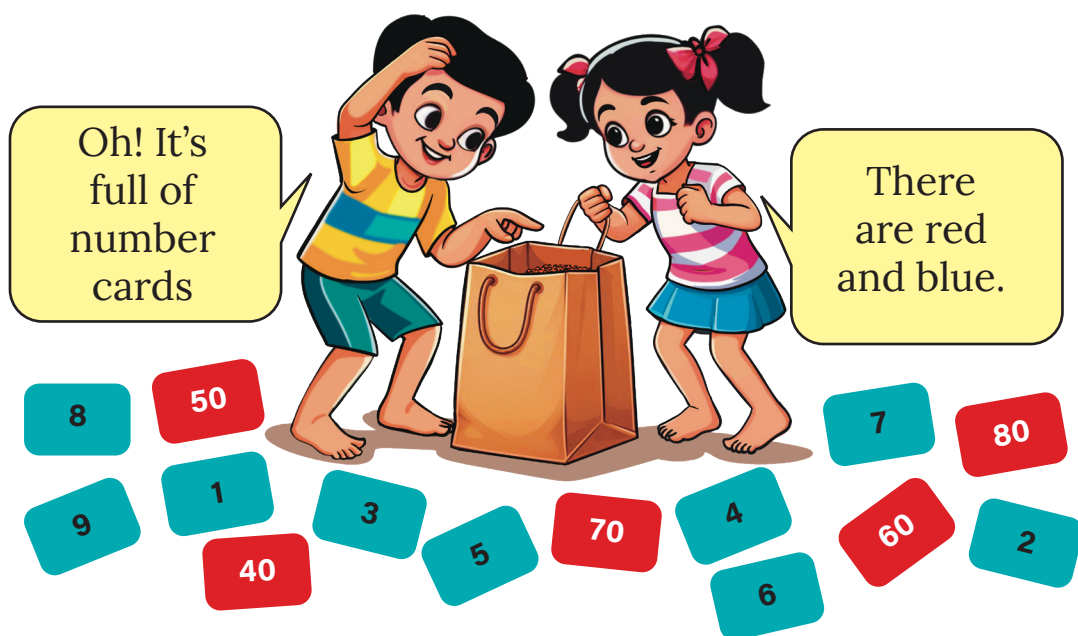


Write in order.

84							

Number cards

While cleaning the house, Raihan and Riya found a bag.



They added the number on a red card and the number on a blue card and made new numbers.

See those numbers.

57	81	68	79	47
----	----	----	----	----

Write the numbers from the smallest to the largest.

--	--	--	--	--

Now you can make numbers like this.

--	--	--	--	--

Write the numbers from the largest to the smallest.

--	--	--	--	--

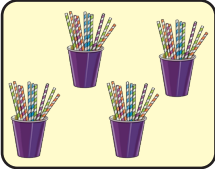
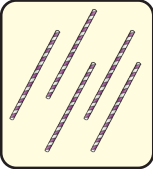
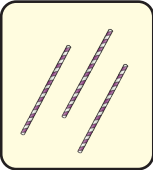
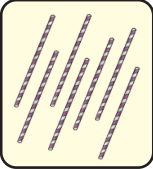
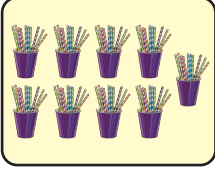
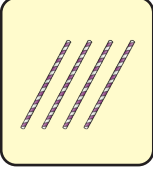
Like this add the numbers on the other cards and write them.

Ones and Tens

Hygiene Club members made paper straws.

They arranged the straws as bunches of ten and some loose ones. See how each has arranged the straws.

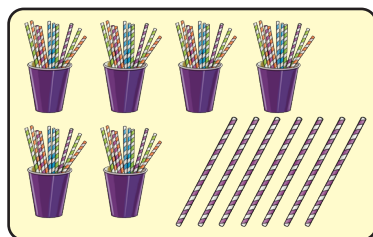
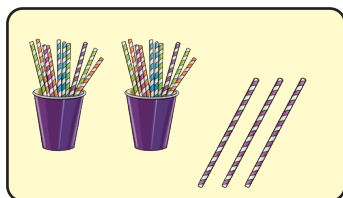
Count and write.

Sreesha			4 tens and 5 ones. 40 and 5	45
Anikha			tens 3 ones.and 3	
Nandhu			tens.... ones. and	
Aarush			tens.... ones. and	

Write the numbers from the smallest to the largest.

Putting together

See the paper straws Advitha and Nandhu made.



How many paper straws did Advitha make?

How many paper straws did Nandhu make?

What is the total number of straws they made?

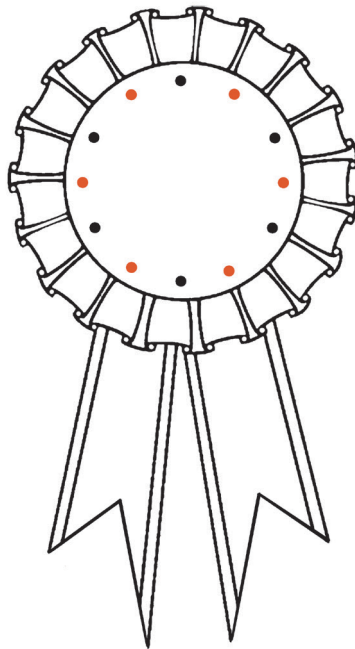
How I found?

How my friend found?

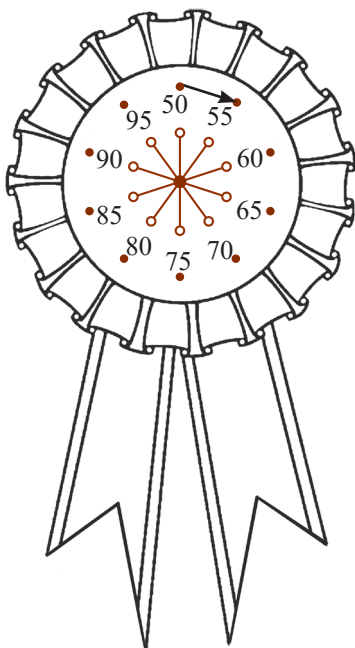


Let's make badges.

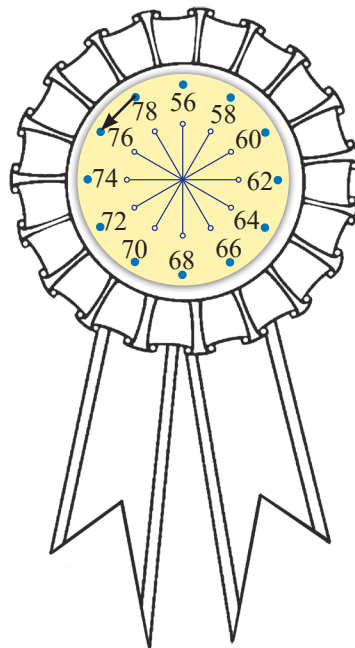
Members of the Hygiene Club made badges for them.
Colour these badges.



Join the numbers on the badge in order and write them.



50	78



Sawan and his friends are arranging the badges.
They arranged 50 badges.



They are counting the remaining badges.

50 and 1 is 51

51 and 1 is 52

$$50 + 1 = 51$$

$$51 + 1 = 52$$

$$52 + 1 = 53$$

$$53 + 1 = 54$$

.....

.....

.....

.....



Nivedh
wrote
like this.

Safa
wrote in
another
way.



$$50 + 1 = 51$$

$$50 + 2 = 52$$

$$50 + 3 = 53$$

$$50 + 4 = 54$$

.....

.....

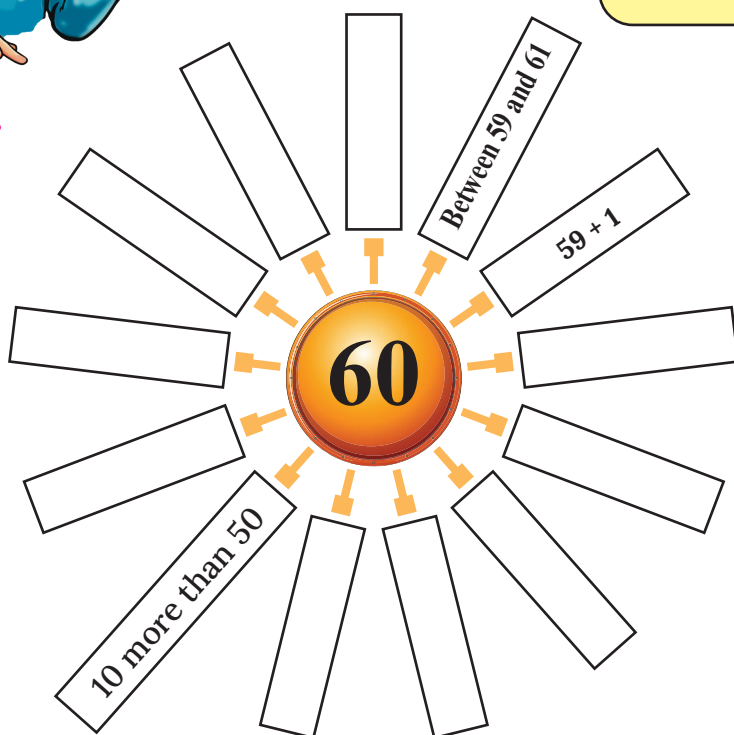
.....

.....

They arranged 60 badges.
Each said 60 in different way.



Let's write.



Clean House

See the list of 5 houses which got the highest marks in the clean house competition. Find the first 5 positions and write in table.

House Name	Marks	Position	House Name	Marks
Neelambari	89	1		
Sreepadham	68	2		
Thanal	99	3		
Athidhi	90	4		
Meghamritham	71	5		

How many marks did the first place get?

How many more than the second place ?

What is the difference in marks of first and third places?

How many two-digit numbers are there in total?



The smallest number with two-digits is 10.



99 is the largest two-digit number, isn't it?



Ameya's house won the first place in the Clean House competition. Got 99 marks.
Everyone was happy.



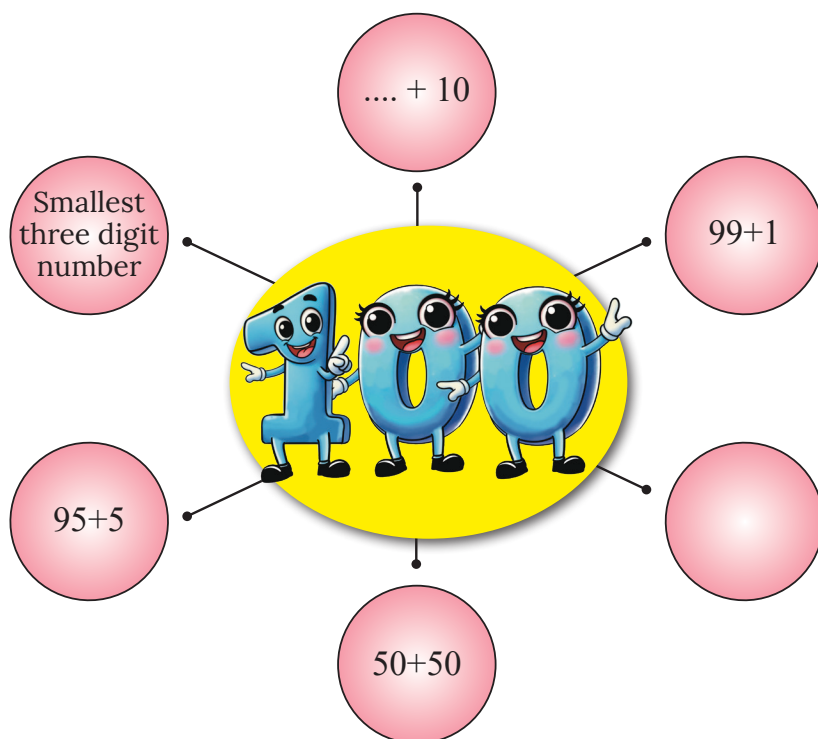
If I got one more mark!

If she got one more mark what would it become?

9 tens and 9 ones is 99

99 and 1
 $99 + 1 = 100$

$$\boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10}$$



5 Tens	50	7 Tens	70	9 Tens	90
6 Tens	60	8 Tens	80	10 Tens	100

Beyond 100



Ok!
Come on!



I have to leave
when you
come



$$100 \text{ and } 5 = 105$$

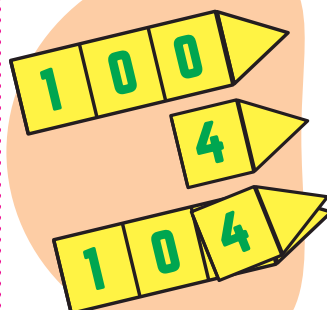
101

Hundred and one

$$100 + 1$$

The next number
after 100

101



$$100 + 9 = 109$$

$$100 + 1 = 101$$

$$101 + 1 = 102$$

$$102 + 1 = 103$$

$$103 + 1 = 104$$

.....

.....

.....

.....

.....

.....

$$100 + 1 = 101$$

$$100 + 2 = 102$$

$$100 + 3 = 103$$

$$100 + 4 = 104$$

.....

.....

.....

.....

.....

.....

What is 1 added to 109?

One Hundred and Ten



$$100 + 10 = 110$$



$$109 + 1 = 110$$



1 added to 109 and
10 added to 100 are
equal to 110.

100 and 20
make 120.
100 and 30
make 130.

40 more than
100 is 140.

$$100 + 80 = 180$$

11
tens make
110



Let's write the numbers.

We can write
the number
on the
stickers.



Some
numbers are
not written.
Can you write
them?

101	102	103		105		107			110
111								119	
	122		124				128		130
						137			
					146				150

What is the relation between the numbers
in the coloured boxes?

Give yellow colour to five numbers which increase by 5.

Did everyone colour the same numbers?

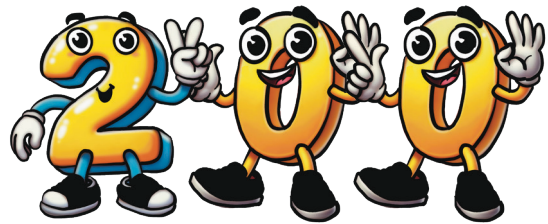


Write the missing numbers.

151	161	171		
152				192
153	163		183	
		174		194
	165			195
156			186	
				197
158		178		
159	169			
160			190	200

199 and 1
 $199 + 1 = 200$

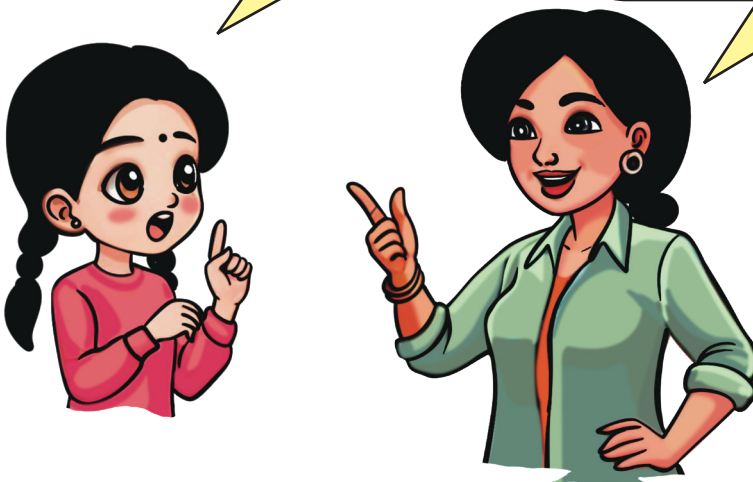
100 added to 100 is...



How do we add
 190 and 10 ?

Mom...
 please help
 me with this.

190 means 100 and 90.
 When 10 is also added,
 it is 100,
 90 and 10.
 $100 + 90 + 10$
 It is 100 and 100.
 $100 + 100 = 200$



Write in order

Aswini wrote the numbers in order.

Find other numbers and write in order.

110	120	130	140						
-----	-----	-----	-----	--	--	--	--	--	--

Can
you tell ,
Sweety?



$100 + 10 = 110$
 $110 + 10 = 120$
 $120 + 10 = 130$



Now I
will say in a
different
way.

$100 + 10 = 110$
 $100 + 20 = 120$
 $100 + 30 = 130$
 $100 + 40 = 140$



$100 + 50 = 150$

$100 + 60 = 160$

.....

.....

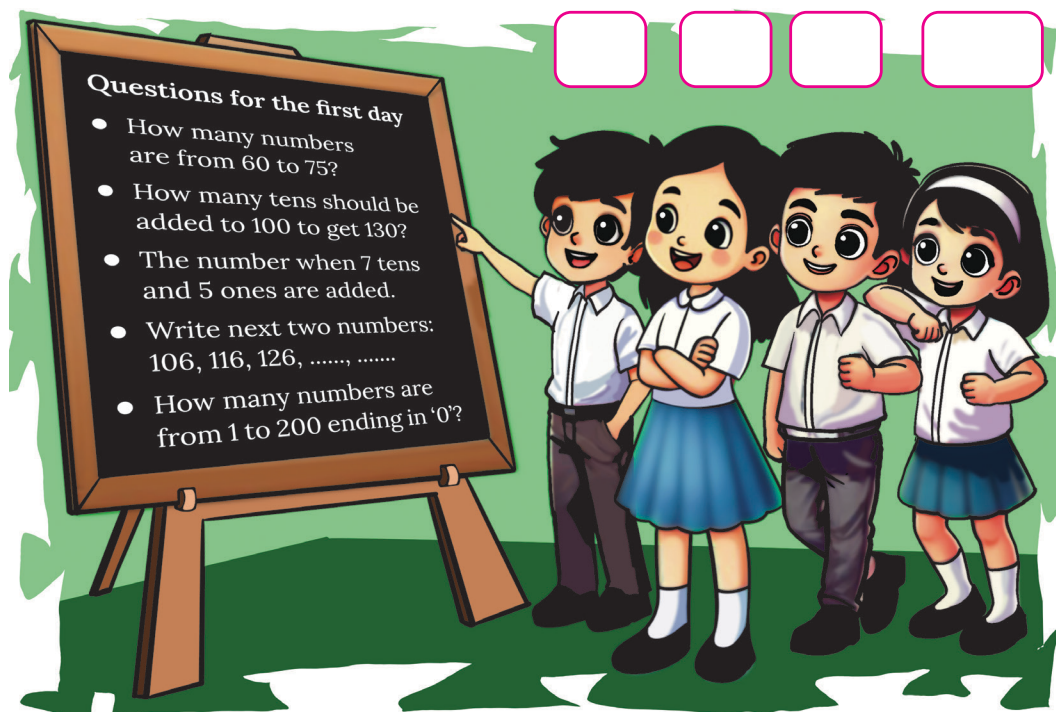
.....

$100 + 100 = 200$

Math Quiz

Nimisha and her friends read the quiz questions written on the math club notice board.

Write the answers.



Find some more questions and write them down.
Write the answers also.



4

Gift Box



Fisin and Fisa are
waiting for their uncle.

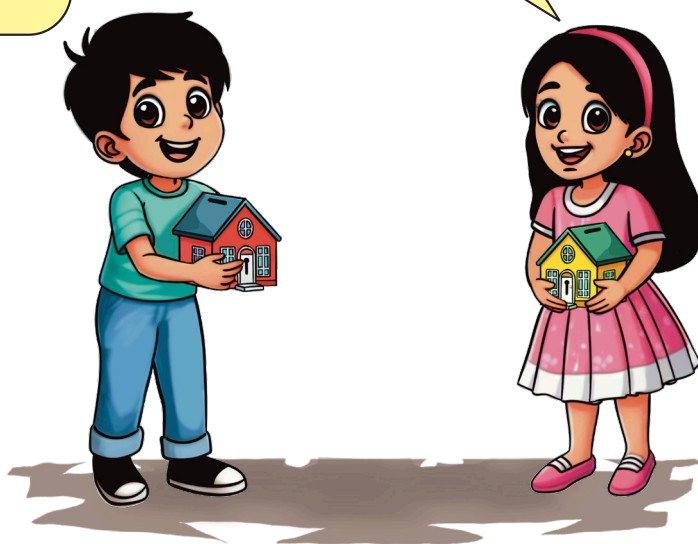


What's in the box?

Savings box

Hai..
See, it looks
like a
small house!

We can
keep our coins
and notes
in this.



Both of them counted their coins and notes.

Fisin

Fisa

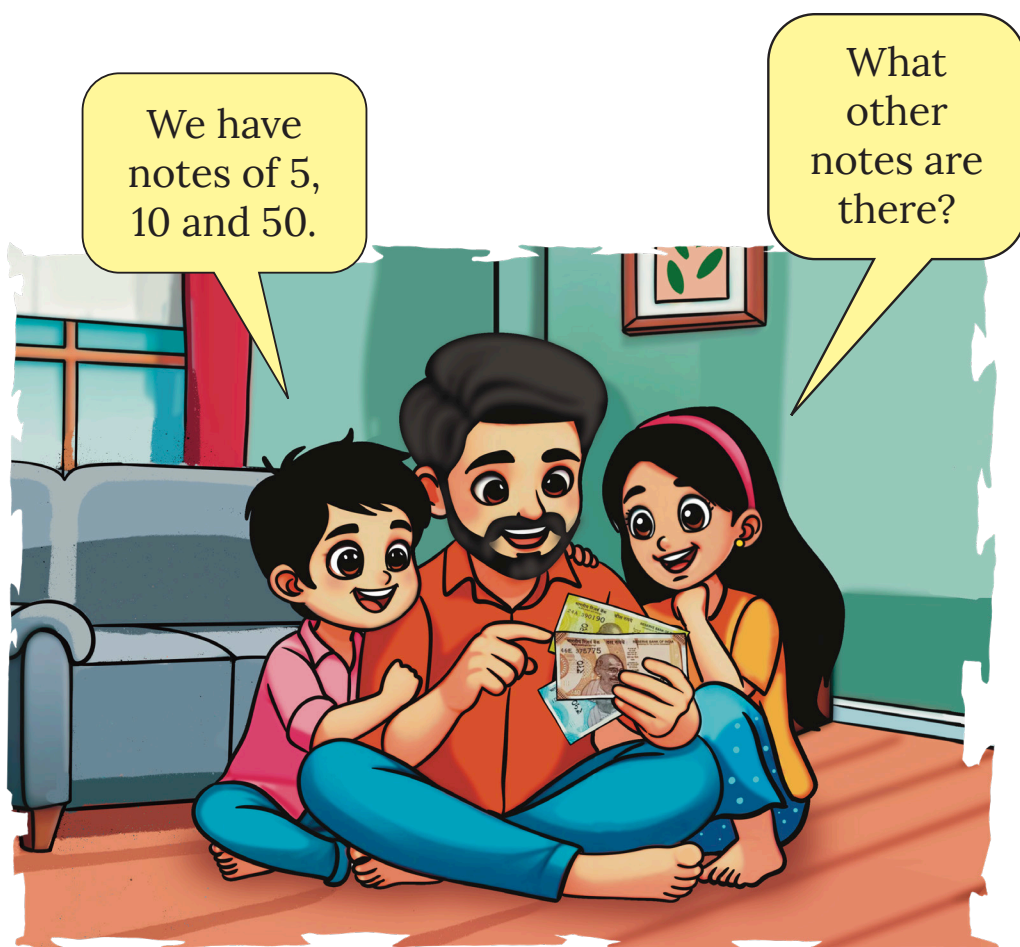


How much?



How much?

What all notes?



What currency notes have you seen? Write them.

How much?

Find the total amount in each sets and connect to the number.



100



20



50



40



30

Taking out money.

Fisin and Fisa went to the town with their uncle.
They took out some money from ATM .



Notes got from ATM.

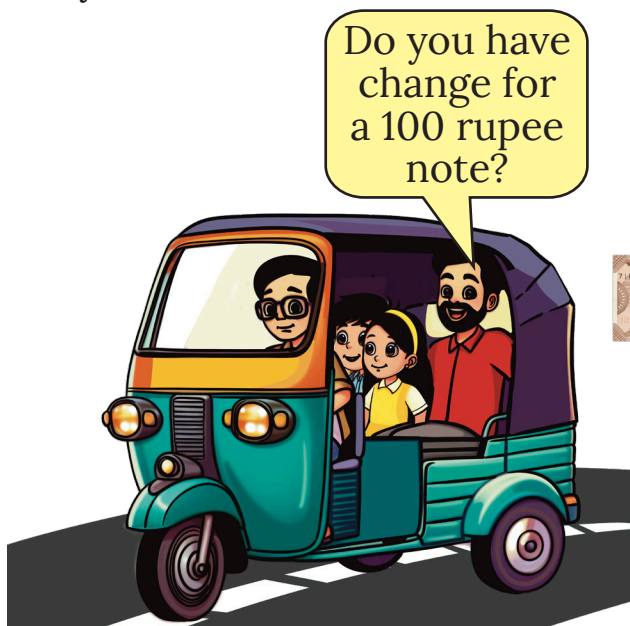


How many hundred-rupee notes?

How many two-hundred-rupee notes?

Changing Money

They went to the market in an autorikshaw.



Notes got.



How many
10 rupee notes?

What if it is in 20-rupee notes?

What if it is in 5-rupee notes?

Grand Discount

Fisin, Fisa and uncle went to the toy shop.

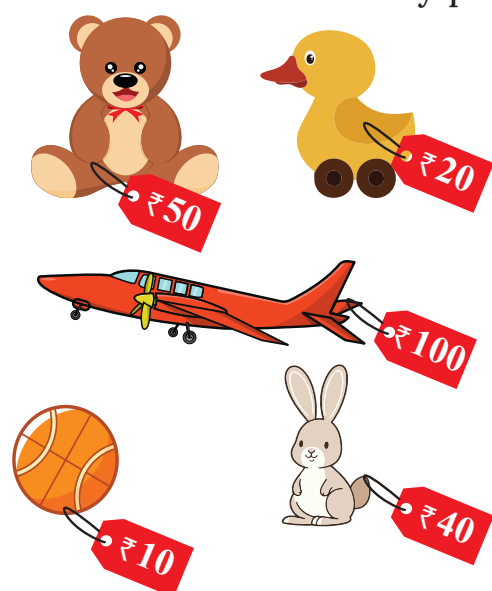


Fisin bought a doll priced 40 rupees.

How much should they pay?

Look at the prices of other items.

How much should they pay ?



Price list	
Price	Half the price
Rs. 10	
Rs. 20	Rs. 10
Rs. 100	
Rs. 50	
Rs. 40	



They got their favourite toys.

Price of toys

Did you see the toys they bought?

Fisin

	
	
	
Total Rupees	

Fisa

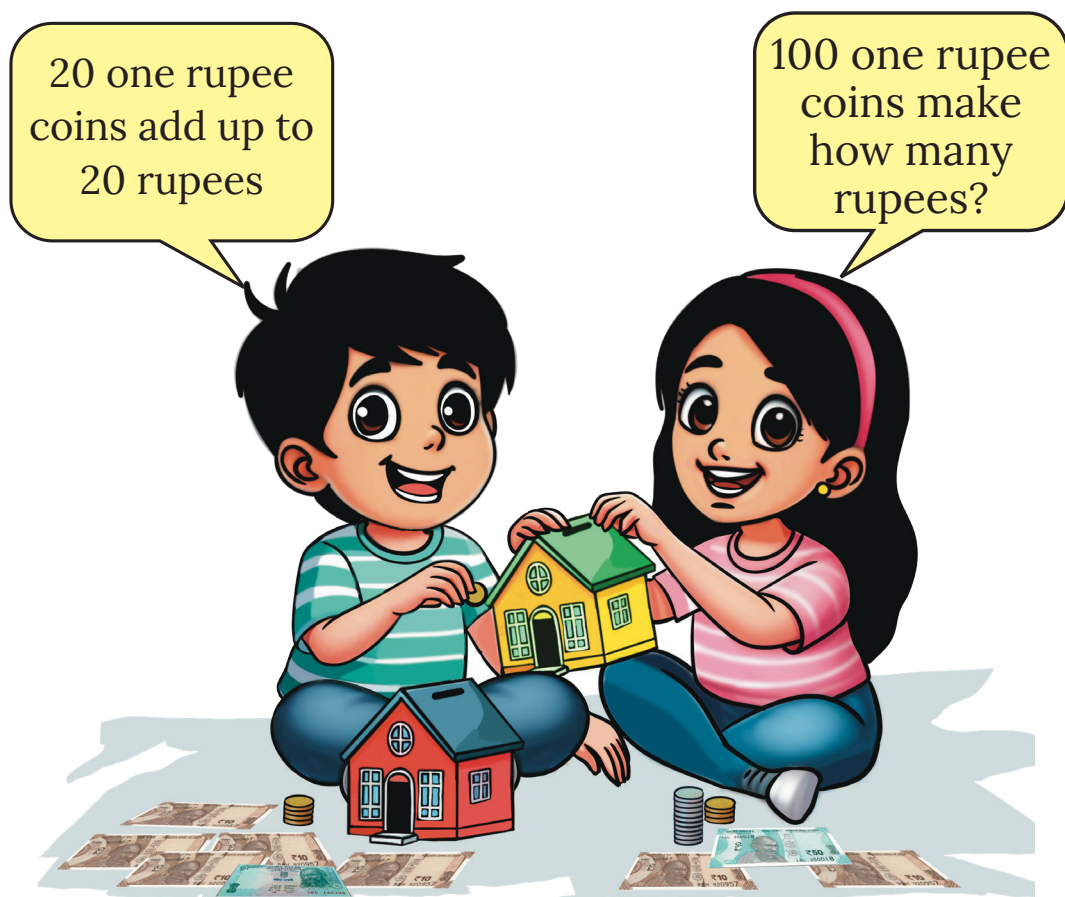
	
	
	
	
Total Rupees	

Whose toys cost more?

What are the toys that can be bought for Rs. 70?

Money matters

After one month, Fisin and Fisa opened their savings box.
They counted the money.



To make 200 rupees,
how many one rupee are needed?

How many 10 rupees are
needed to make 50 rupees?

How many 10 rupees are
needed to make 100 rupees?

How many 10 rupees are
needed to make 200 rupees?

Changing money



Rupees	Number
Rs. 5	
Rs. 10	
Rs. 20	
Rs. 50	

Shobin changed a 100 rupee note.
He got the notes shown above.
How many of each can it be?

Savings

Fisa

1-rupee coins 10

5-rupee coins 3

10-rupee notes 2

50-rupee notes 1

Total

Fisin

5-rupee notes 1

5-rupee coins 4

10-rupee notes 5

Total

Who has saved more?

How much more?



Newspaper article



Fisin and fisa sent their 10-rupee notes and 5-rupee notes.

How much did they give?



Members of the 'NIRAV'
Kudumbasree unit are
making soaps.
Being a holiday, Manav also
went there with his mother.

5

United we stand



See the soaps
each have counted.

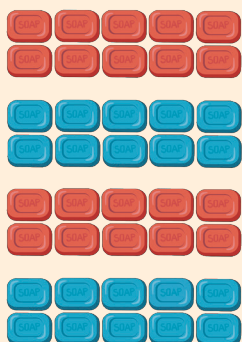


Shantha

Group of tens

Ones

Total 10 + 3 =



Latha

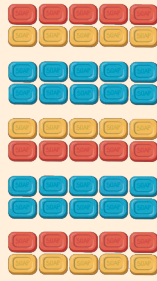
Group of tens

Ones

Total + =



Najma



Group of tens

Ones

Total

+

=



Rosie



Group of tens

Ones

Total

+

=

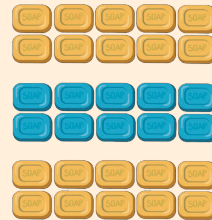
Group of tens

Ones

Total

+

=



Nisha



How many soaps did Rosie and Shantha count together?

$$\boxed{} + \boxed{} = \boxed{}$$

Rosie Counted			$20 + 4 = 24$
Shantha counted			$10 + 3 = 13$
Together they Counted.			$30 + 7 = 37$

$$24 + 13 = 20 + 10 + 4 + 3$$

$$20 \text{ and } 10 = 30.$$

$$4 \text{ and } 3 = 7.$$

$$30 \text{ and } 7 = 37.$$

$$\begin{array}{r} 20 + 4 = 24 \\ 10 + 3 = 13 \\ \hline 30 + 7 = 37 \\ \hline \end{array}$$

How many soaps did Santha and Najma count together?

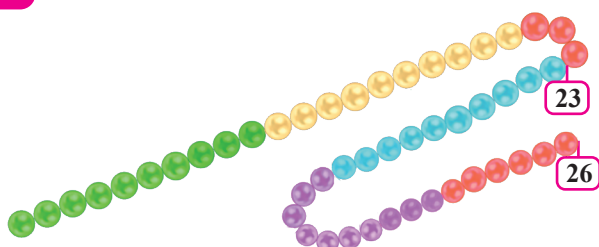
$$13 + 50 = 10 + 50 + 3 = \dots\dots\dots$$

How many soaps did Latha and Nisha count together?

Number chain

$23 + 26$

See the number chain.



Write the answer

$14 + 25$

Draw beads to show this in a number chain.

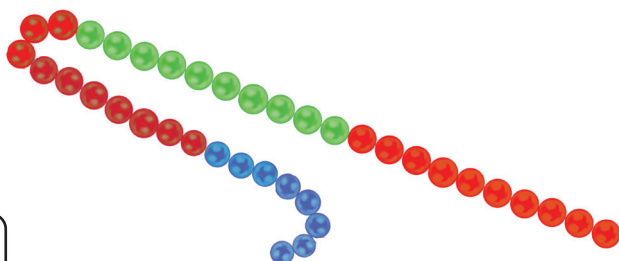


How many beads are there in the number chain?

What could be the number of beads in the chain.

Numbers

..... +



See the number card Manav got.

$32 + 13$

How many beads does he need to make the chain?

Below are the cards others got.

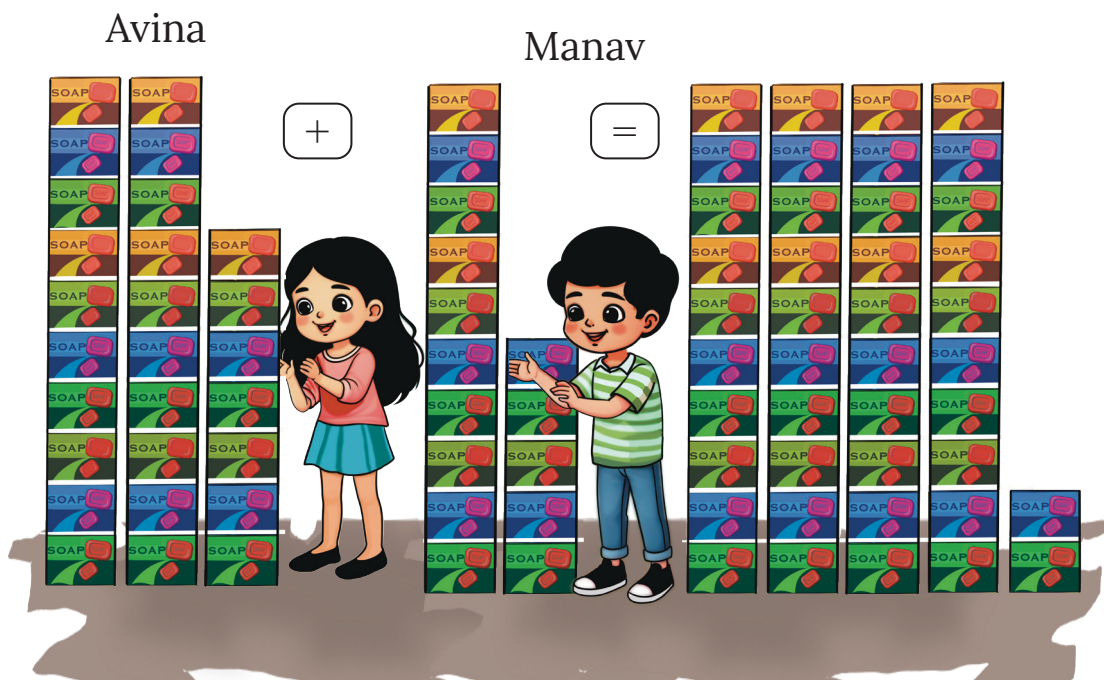
$16 + 42$

$35 + 14$

$22 + 67$

Find how many beads each needs.

Look at how Manav and Avina have stacked the soap boxes.



How many soaps did each stack?

Avina - 2 tens 7 ones = 27

Manav - 1 ten 5 ones = 15

How many soaps did they stack together?

Add 27 and 15.

$27 + 15$

3 tens 12 ones.

$$27 + 15$$

$$20 + 10 + 7 + 5$$

$$30 + 12 = 30 + 10 + 2 = 42$$

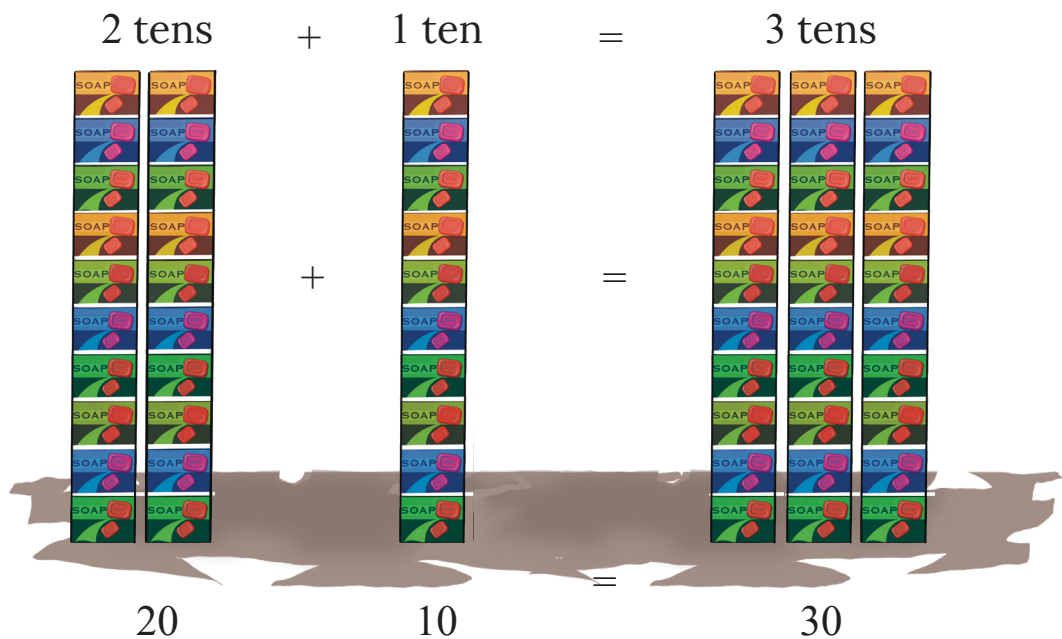
$$20 + 7 = 27$$

$$10 + 5 = 15$$

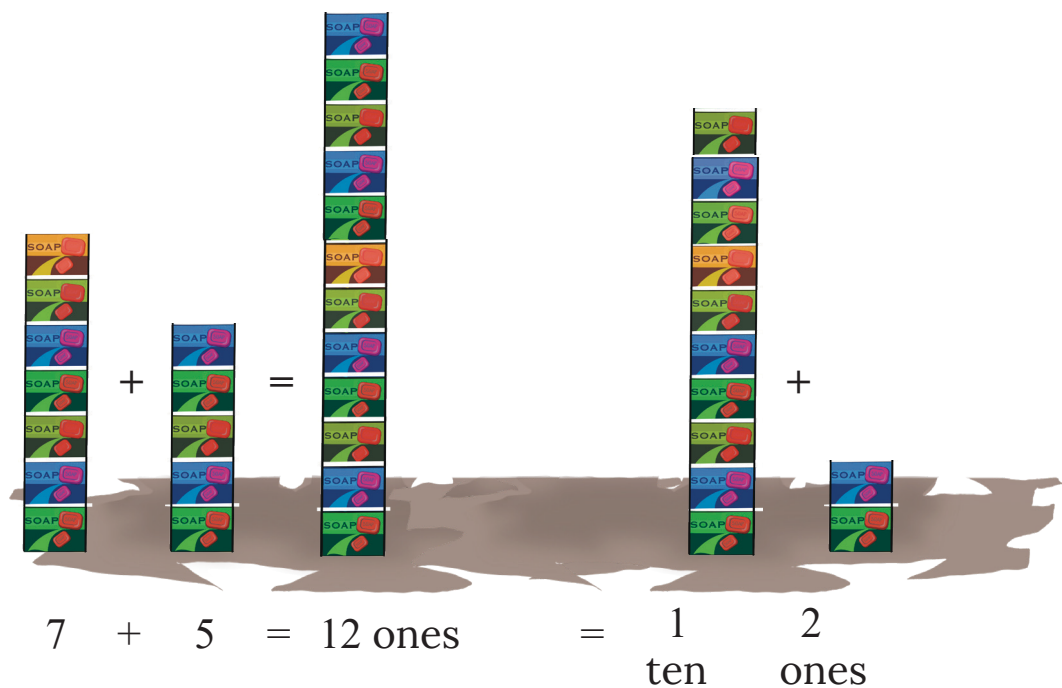
$$30 + 12 = 42$$



Adding tens



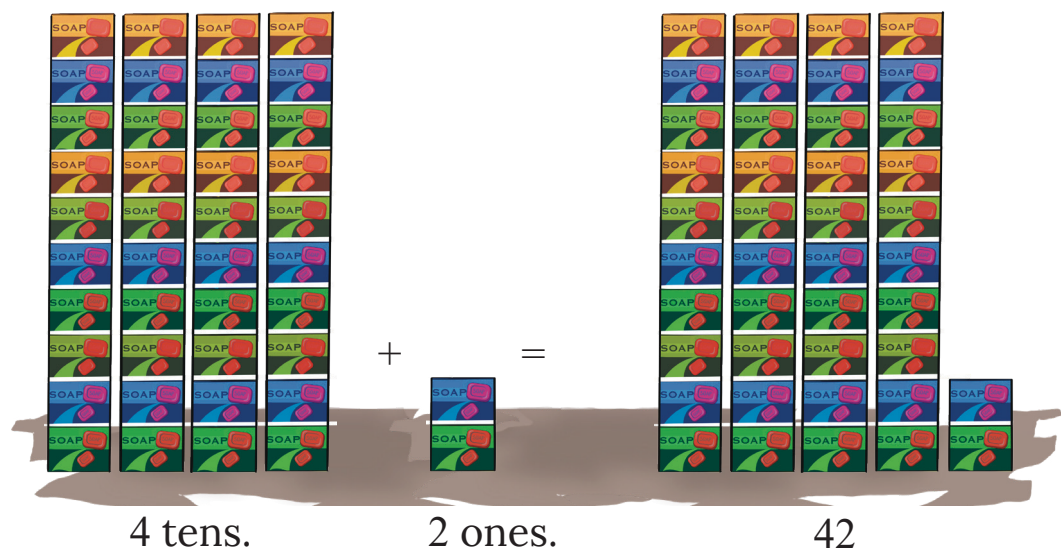
Adding ones.



$$7 + 3 + 2 = 10 + 2 = 12$$

Total number of soaps.

3 tens + 1 ten + 2 ones.

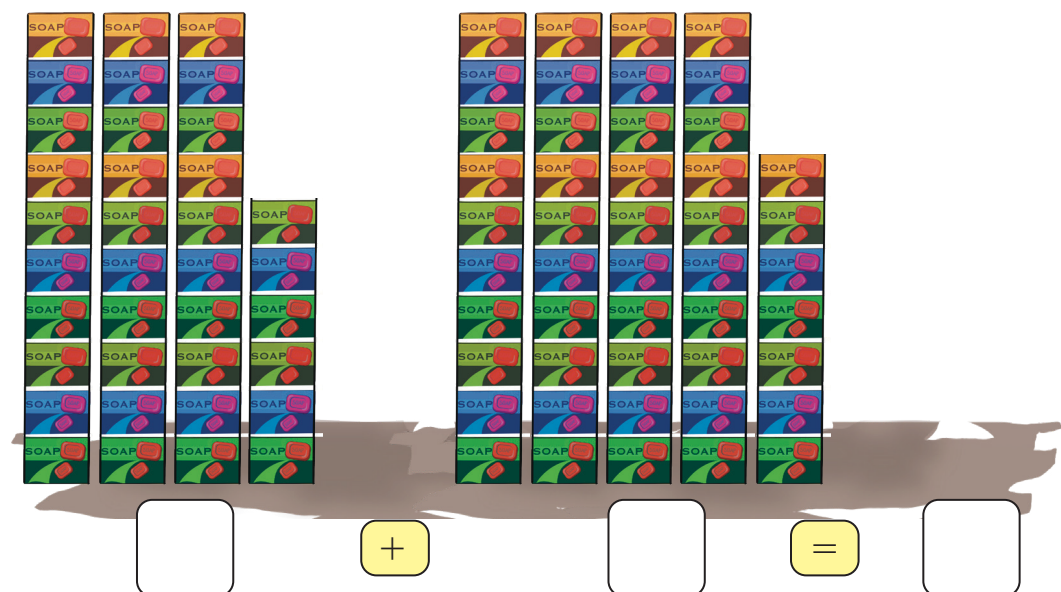


$$20 + 10 + 10 + 2$$

$$40 + 2 = 42$$

How many soaps?

Find the total number of soaps and write the number.



How did you calculate?

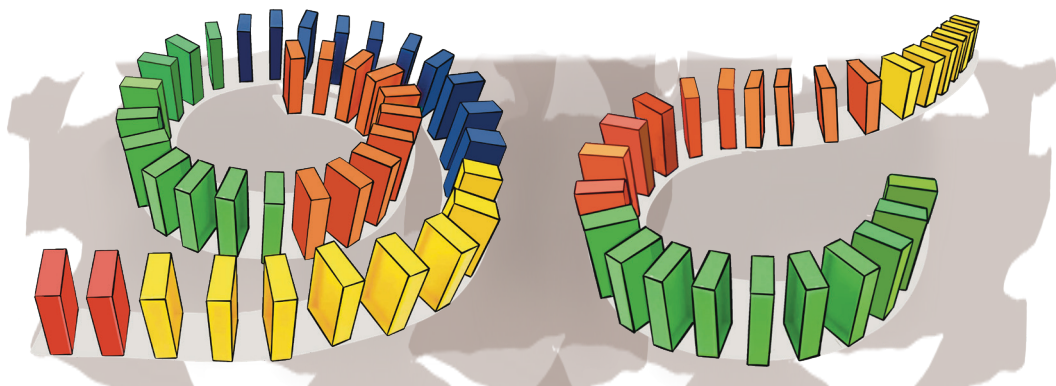
Playing with blocks.

Haritha, Anshid, Nija and Ajal are playing with blocks.

See the number of blocks Haritha and Anshid got.



How many blocks have they got in all?



Haritha



Anshid



Nita and Ajal together got 68 blocks.

Which group won the game?

How many blocks more did they get? How did you calculate?

Tell your friends.

What can be the number of blocks Nita and Ajal get?

Nitha

Ajal

What I have found.

What my friend have found.

In the second game, the first team got 48 blocks.

Anshid got 4 blocks more than Haritha.

How many blocks
did haritha get?

How many blocks
did Anshid get?

How did you calculate? Write it down.

If all the blocks are arranged in groups of ten and ones,

how many groups of tens will be there?

How many ones?



The second group got 27 blocks.
Ajai got 5 blocks less than Nita.

Number of blocks Nita got.

Number of blocks Ajai got.

How did you calculate? Write it down.

Let's buy soap.



Mia bought 13 soaps from Najma.
Mohit bought double that number.
How many soaps did Najma sell?

How I calculated.

How my friend calculated.



Soaps should be stacked like this. Draw the picture of 10 soaps stacked like this in your notebook.

- How many soaps will be there in 7 stacks like this?
- What about 10 stacks?

How you calculated?

Mental Calculations

Nita's mother gave 45 rupees to buy soap.

Nita had 8 rupees.

How much is the total?

8 rupees means
5 rupees and 3 rupees.
I added 5 rupees to
45 rupees. So it became
50 rupees. Then added
3 to 50 rupees and I got
53 rupees

$45 + 8$
 $40 + 5 + 8$
 $40 + 13$
 $40 + 10 + 3$
 $= 50 + 3 = 53$
This is how
I calculated



Can you answer?

Mother put
58 soaps in a box.
I put 2 more in that box.
Mother put 9 again.
How many soaps
are in the box now?

12 rupees added
to 3 rupees is 15
rupees. If 12 rupees is
added to 8 rupees,
how much will it be?



How I did it in my head

✓ Tick the way you calculated $28 + 36$ in your head.

$20 + 30 = 50$ | $8 + 6 = 14$ | $50 + 14 = 64$

$28 + 2 = 30$ | $30 + 34 = 64$

$36 + 4 = 40$ | $40 + 24 = 64$

$28 + 30 = 58$ | $58 + 6 = 64$

$20 + 30 + 8 + 6 = 50 + 14 = 64$

Write your method.

Manav and Avina went to the park and saw the price list at the tea shop. Avina said, "I have 40 rupees". What all things can be bought with it?



There were various games in the park.



Avina went for a car race after the swing.

How many rupees for both?

How did you calculate?

Here are the numbers written on the number board.
Fill in the empty cells.

	+3	+5	+8	+9
10	13			
30		35		
40				
50			58	
70				
80				
90				

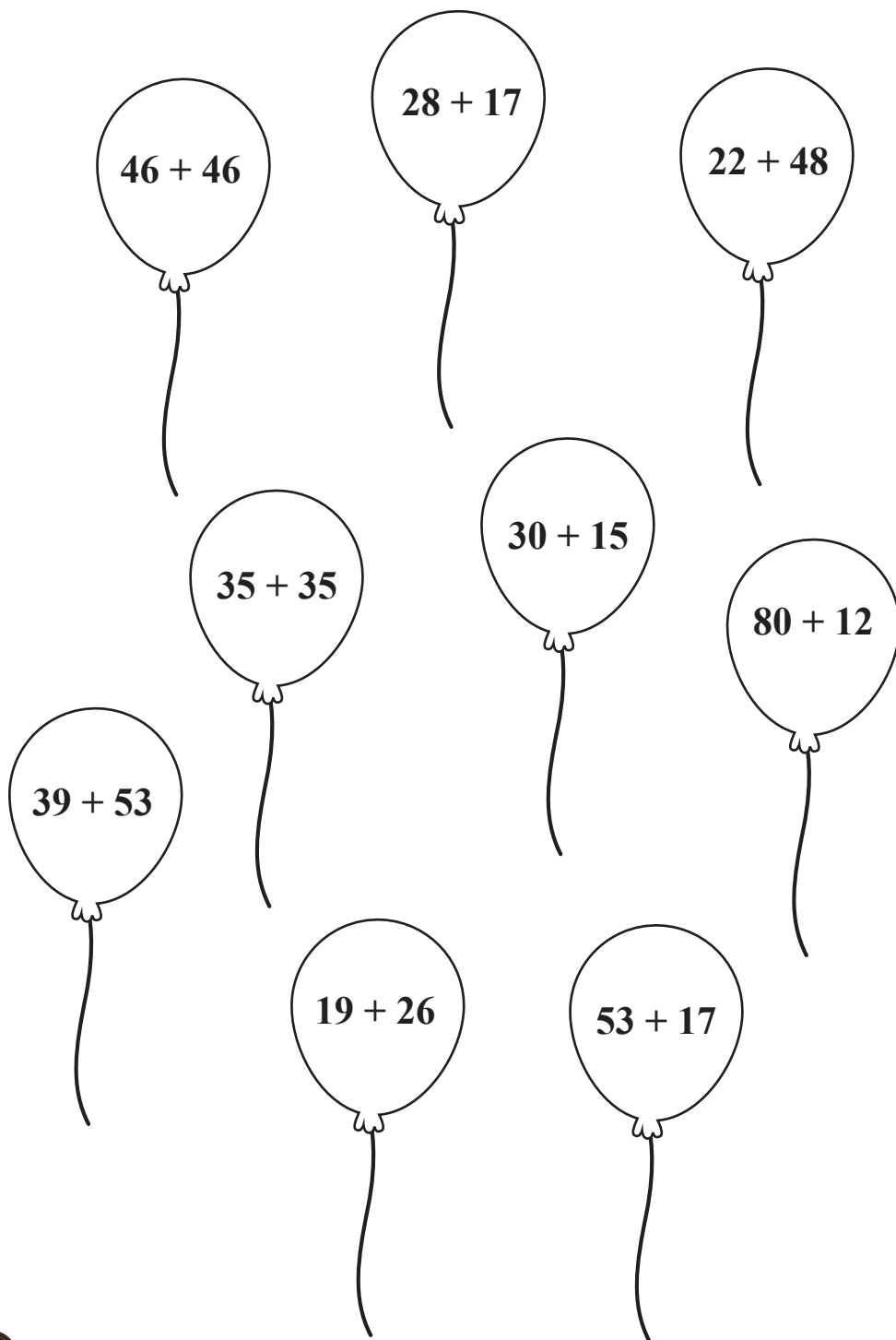
$40+8=48$
in the
coloured
cell.



From the school store Avina bought two books for 24 rupees and 23 rupees. Manav bought two books for 32 rupees and 16 rupees.

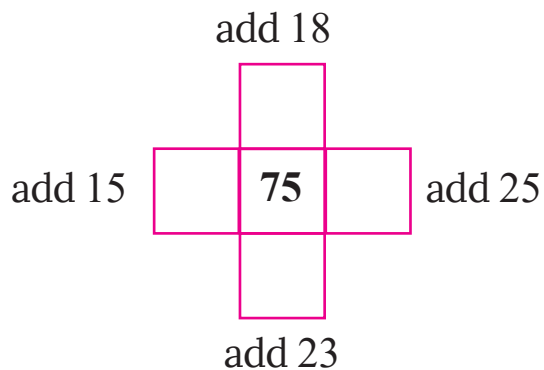
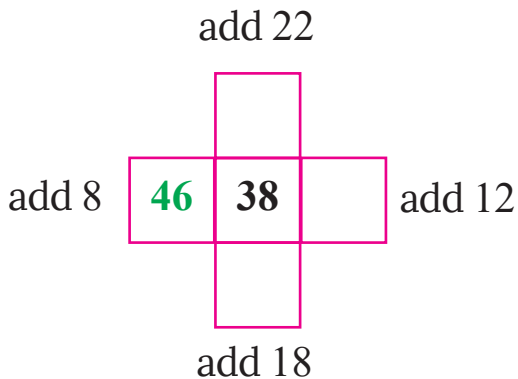
Colour the balloons.

Balloons with equal sums should have the same colour.

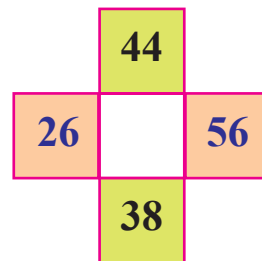
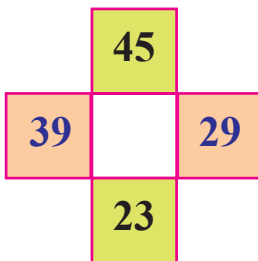


Let's add and find out.

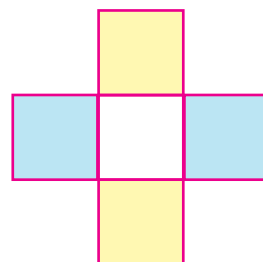
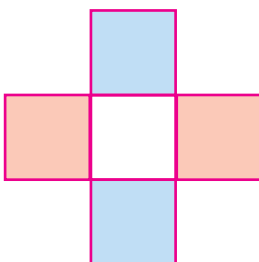
Write the sums in the cells.



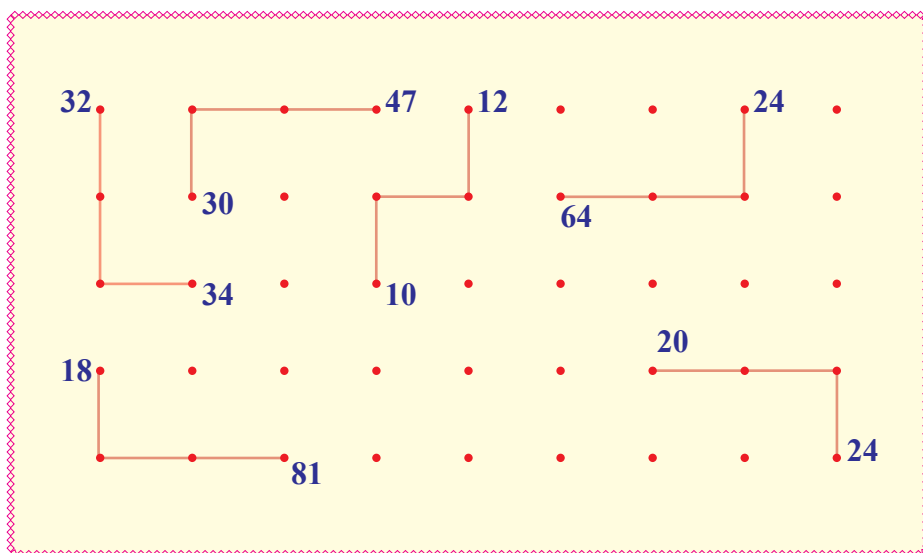
Add the numbers in the cells of the same colour and write them in the middle cell.



Write two-digit numbers in the coloured cells as above.
Add those numbers and write them in the middle cell.



Math board games



Find the sum of connected numbers.

$$32 + 34 = \boxed{}$$

Write the sums here.

--	--	--	--	--	--

Is there anything special about these numbers?

Write it down.

--

What are the other two-digit numbers like this?

--

How many two-digit numbers are there with the same digits repeated?

--



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 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:

Kerala State Commission for Protection of Child Rights

'Sree Ganesh', T. C. 14/2036, Vanross Junction

Kerala University P. O., Thiruvananthapuram - 34, Phone : 0471 - 2326603

Email: childrights.cpcr@kerala.gov.in, rte.cpcr@kerala.gov.in

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