MATHEMATICS

Standard I

Part - 2

Government of Kerala
DEPARTMENT OF EDUCATION

State Council of Educational Research and Training (SCERT)
Kerala

2014

IT-527/ 1 /Maths 1 (E), Vol-2

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 respect to my parents, teachers and all elders and treat everyone with courtesy.

I pledge my devotion to my country and my people. In their well-being and prosperity alone lies my happiness.

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Dear friends,
A book for you.
To make math fun!
Little things to do
With the teacher to help you!
See the things around
Think about them
And find the math in them
Play some games
Do some lists
And get some math from those too.
With love,

Prof. K.A. Hashim
Director, SCERT

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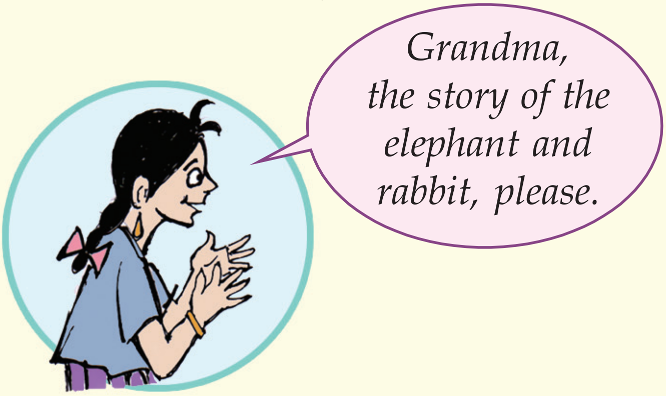
6

Tens and Me

Let's hear a story...


Grandma, the story of the elephant and rabbit, please.

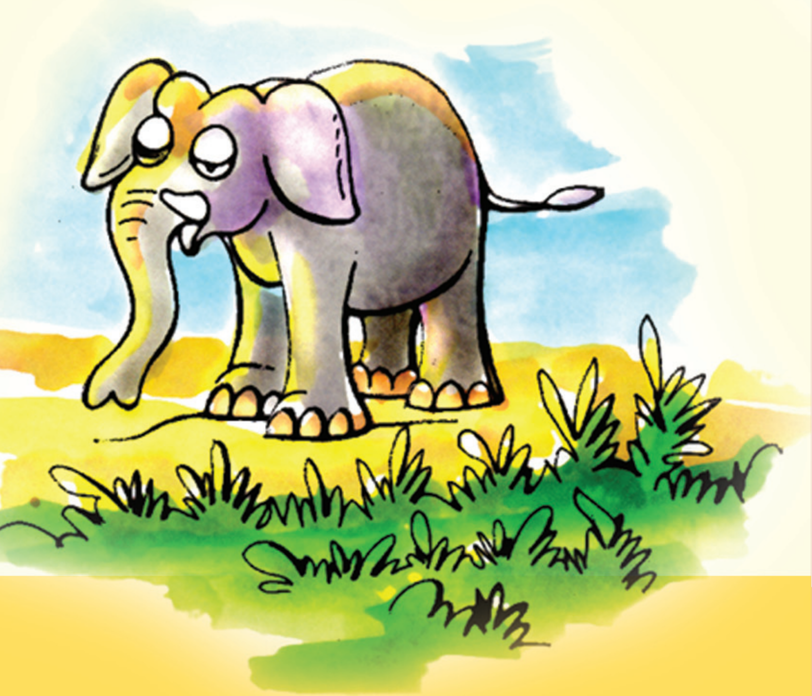
Okay! Here it is!

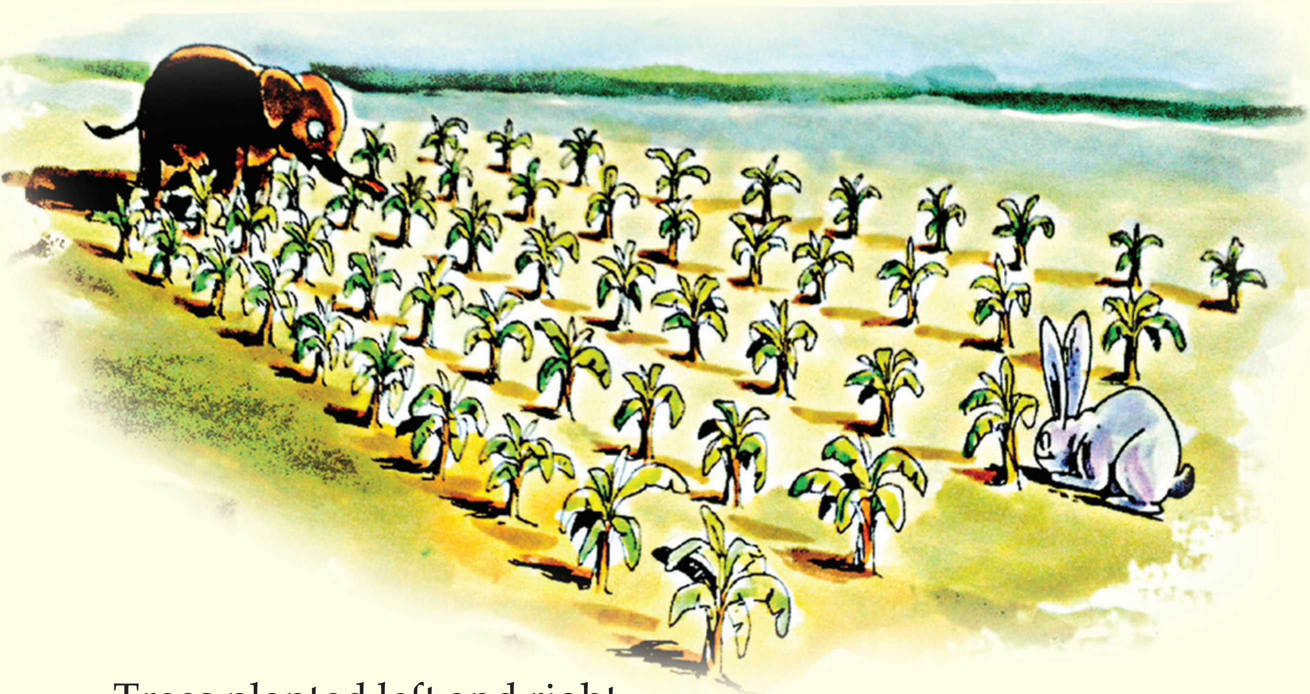
Once upon a time in a forest, the animals could find nothing to eat.

What can they do?

Kunjan Elephant and Minnu Rabbit decided to grow food.

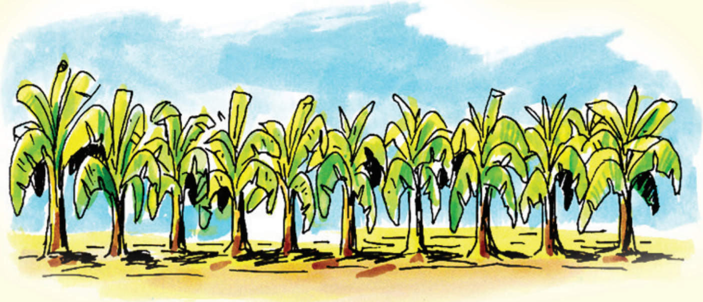
So, Kunjan and Minnu planted banana trees.





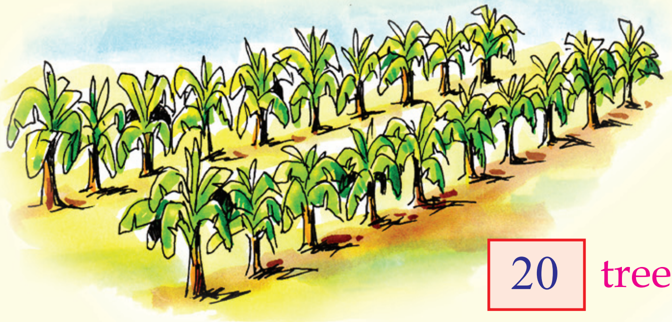
Trees planted left and right.

Trees planted up and down.



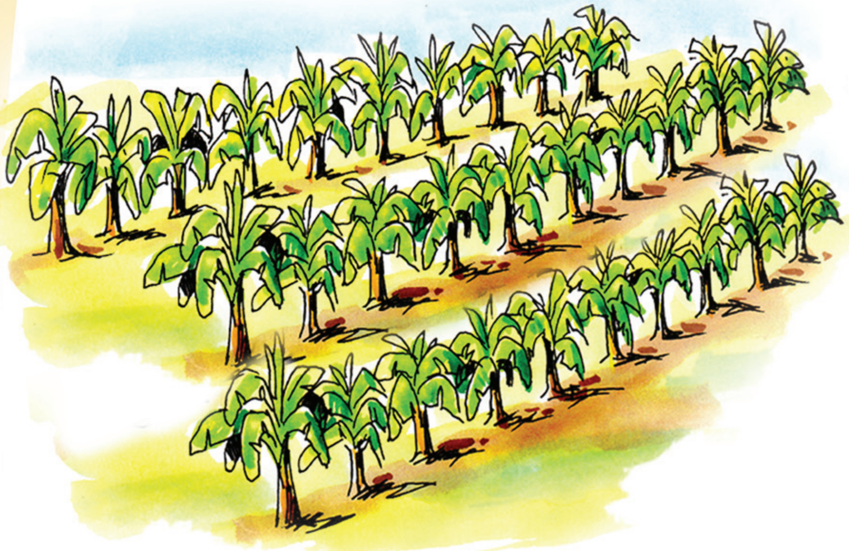
How many trees are in one row?

☐ trees



How many in two rows?
10 and 10 make twenty trees in all.

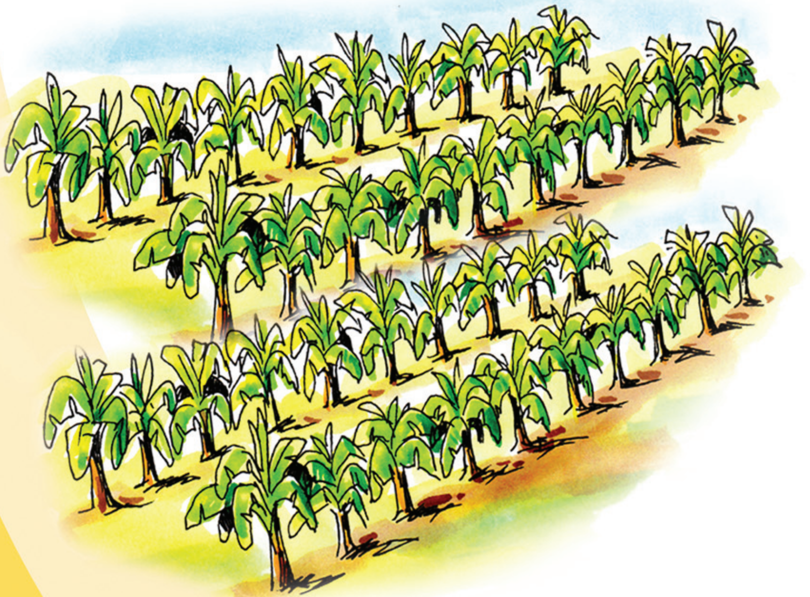
20 trees



How many in the third row? ☐

How many in all three rows? ☐

20 and 10 make 30 trees 30 trees



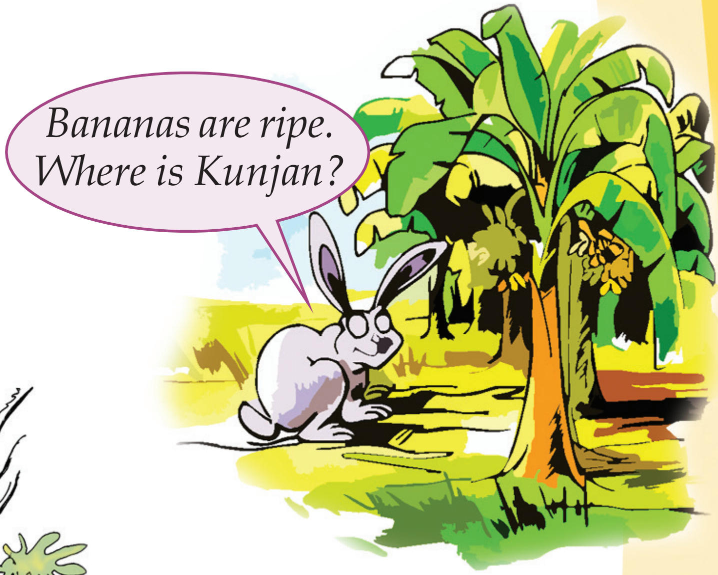
How many rows now? ☐

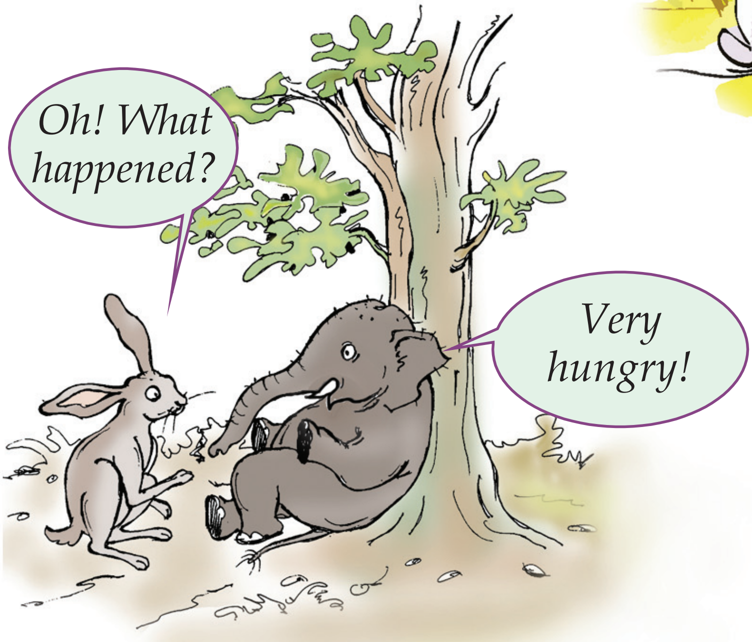
How many in all four rows ?

☐ and ☐ make forty trees. 40 trees

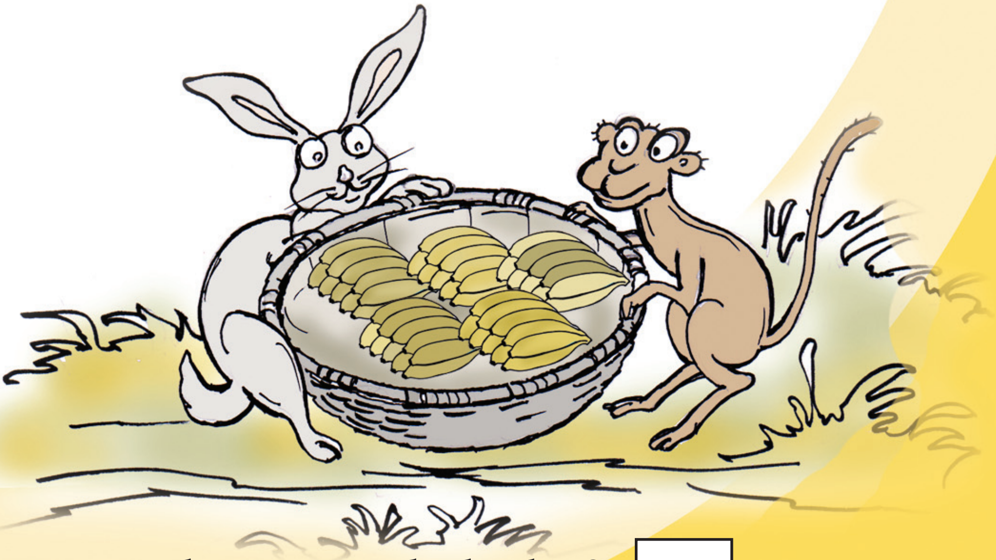
What if we take one more row? ☐ trees

The trees grew up.
And then fruits!
Big bunches of bananas.


Bananas are ripe. Where is Kunjan?


Oh! What happened?
Very hungry!

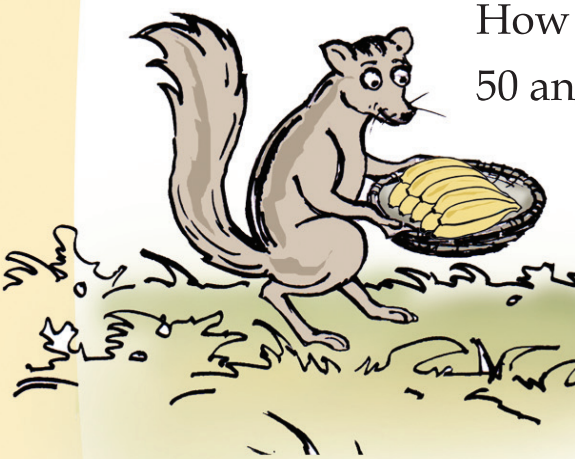
Friends came to help.
“Let’s get bananas for Kunjan!”



How many bananas in the basket? ☐

More came in with bananas.

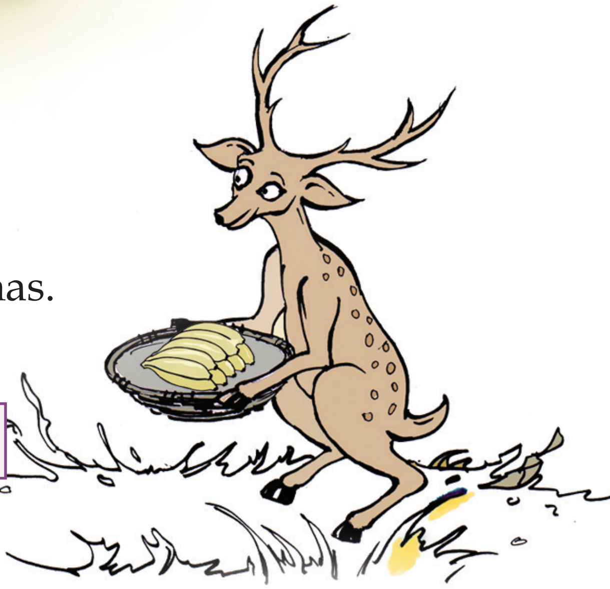
First a squirrel. How many did he bring? ☐



How many in all now?

50 and 10 makes sixty bananas.

Bananas 60

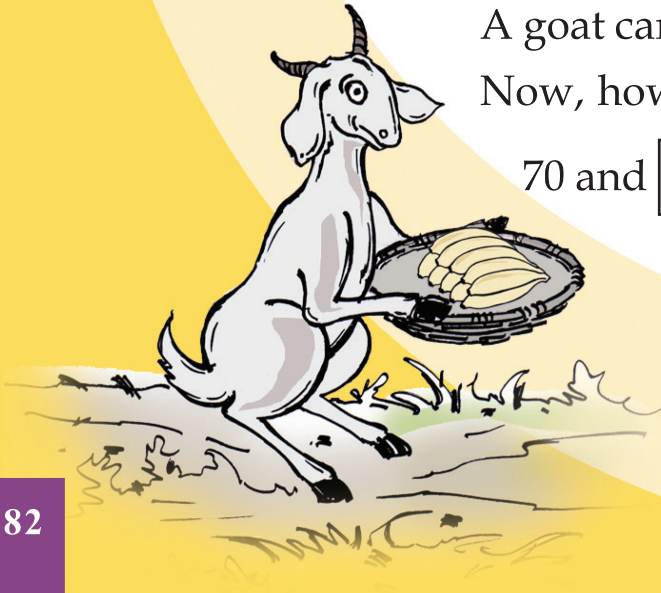


A deer came with 10 bananas.

How many bananas now?

60 and 10 makes seventy bananas.

Bananas ☐



A goat came with 10 bananas.

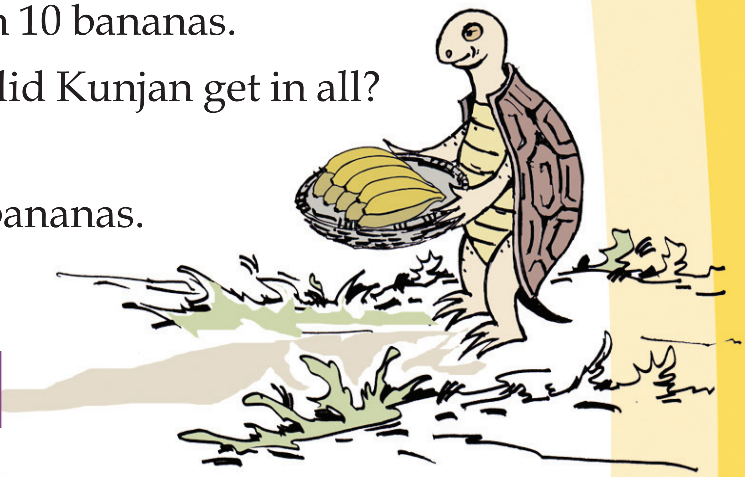
Now, how many bananas?

70 and ☐ makes eighty bananas.

Bananas ☐

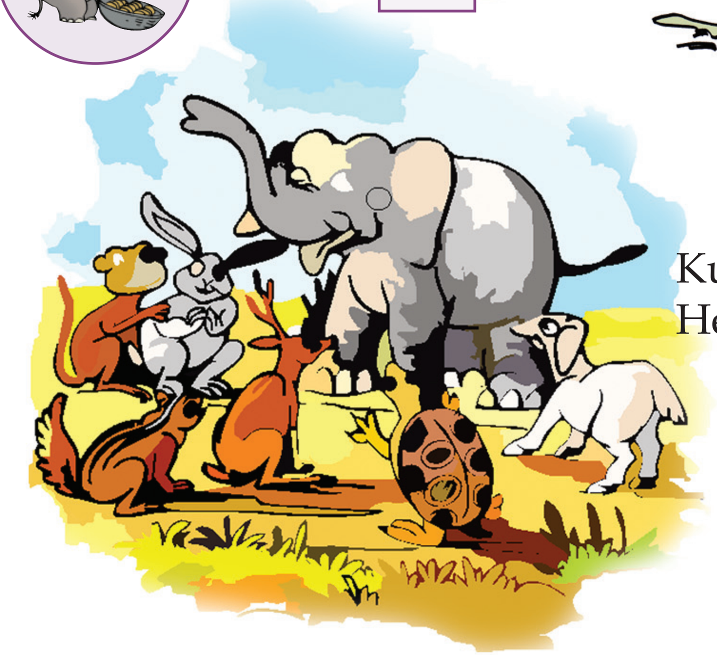
Last came a tortoise with 10 bananas.

So, how many bananas did Kunjan get in all?



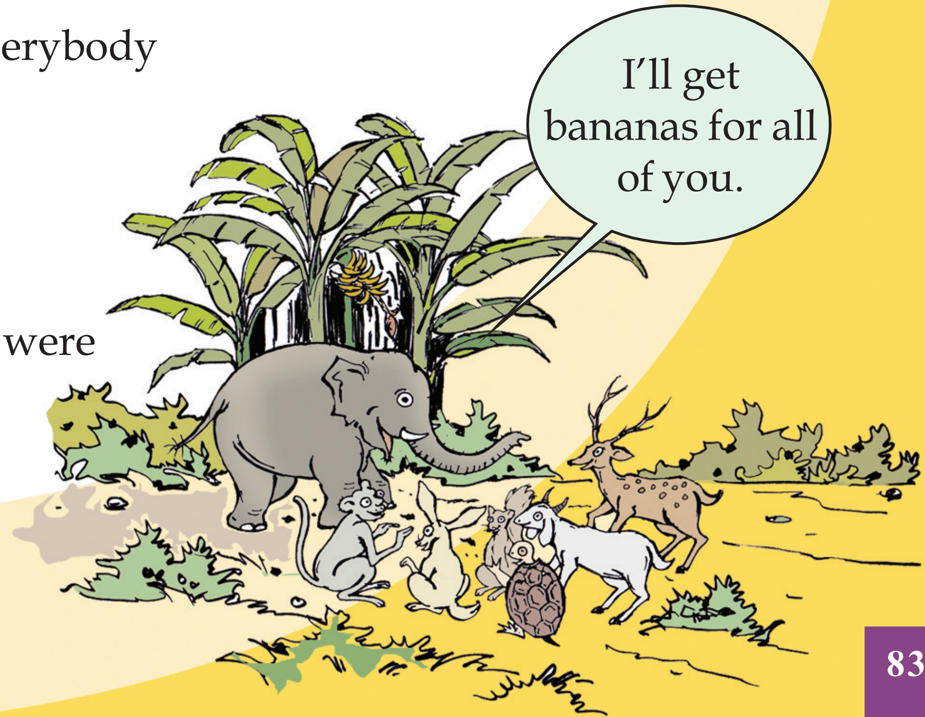
80 and ☐ makes 90 bananas.

Bananas ☐



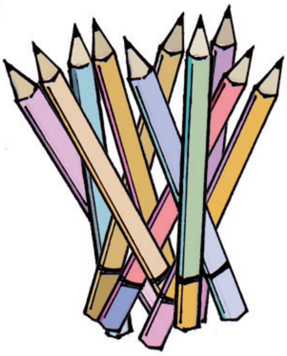
Kunjan ate the bananas.
He was happy again.

Minnu took everybody
to the grove.


I'll get bananas for all of you.

All the friends were
happy.

Count and write



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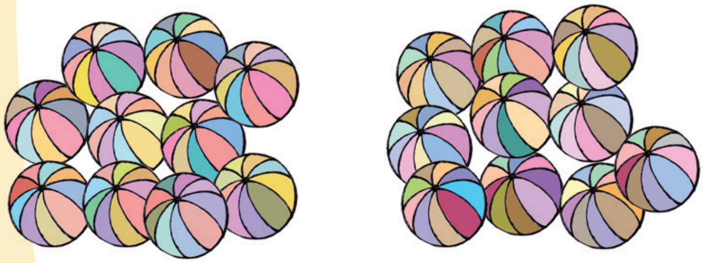

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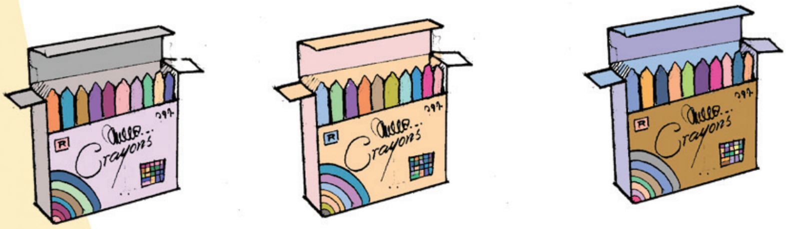
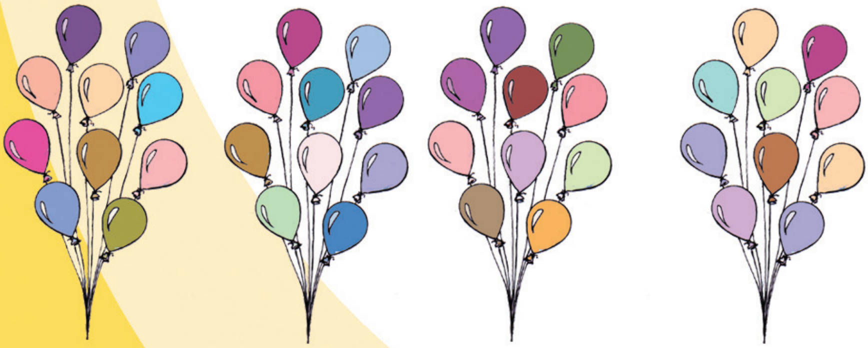


Crayons
Crayons
Crayons

☐



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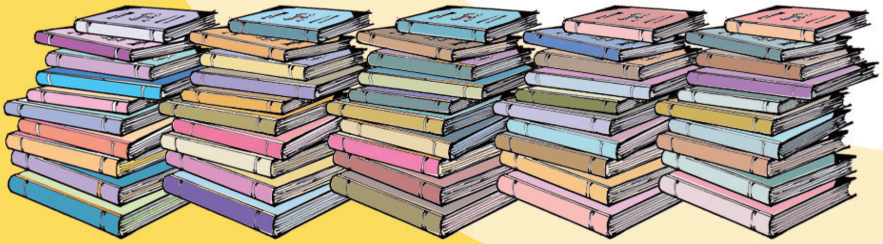

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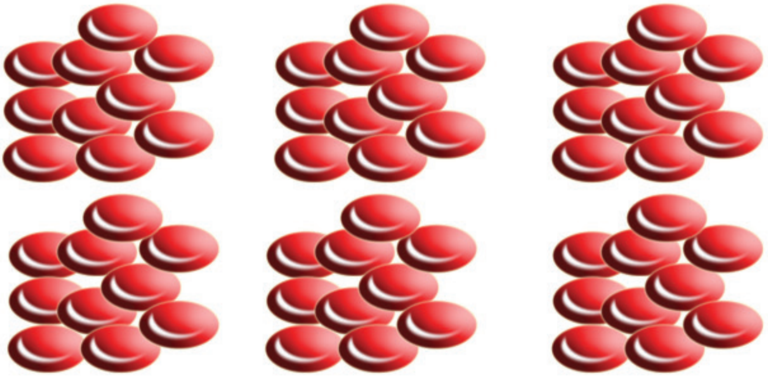

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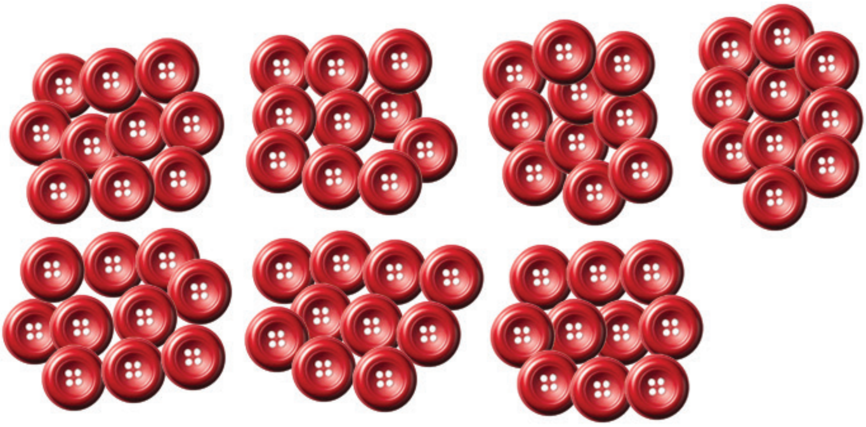

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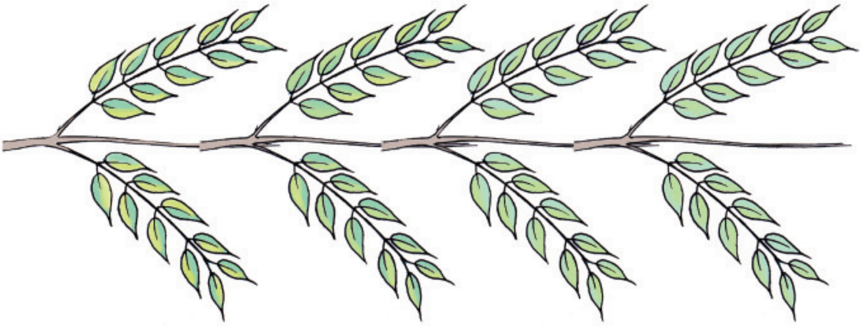

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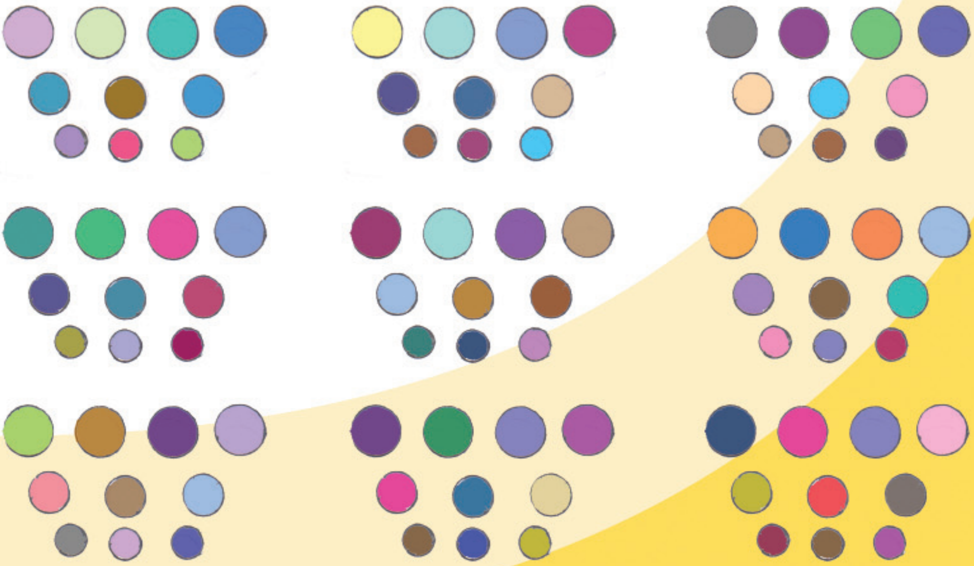
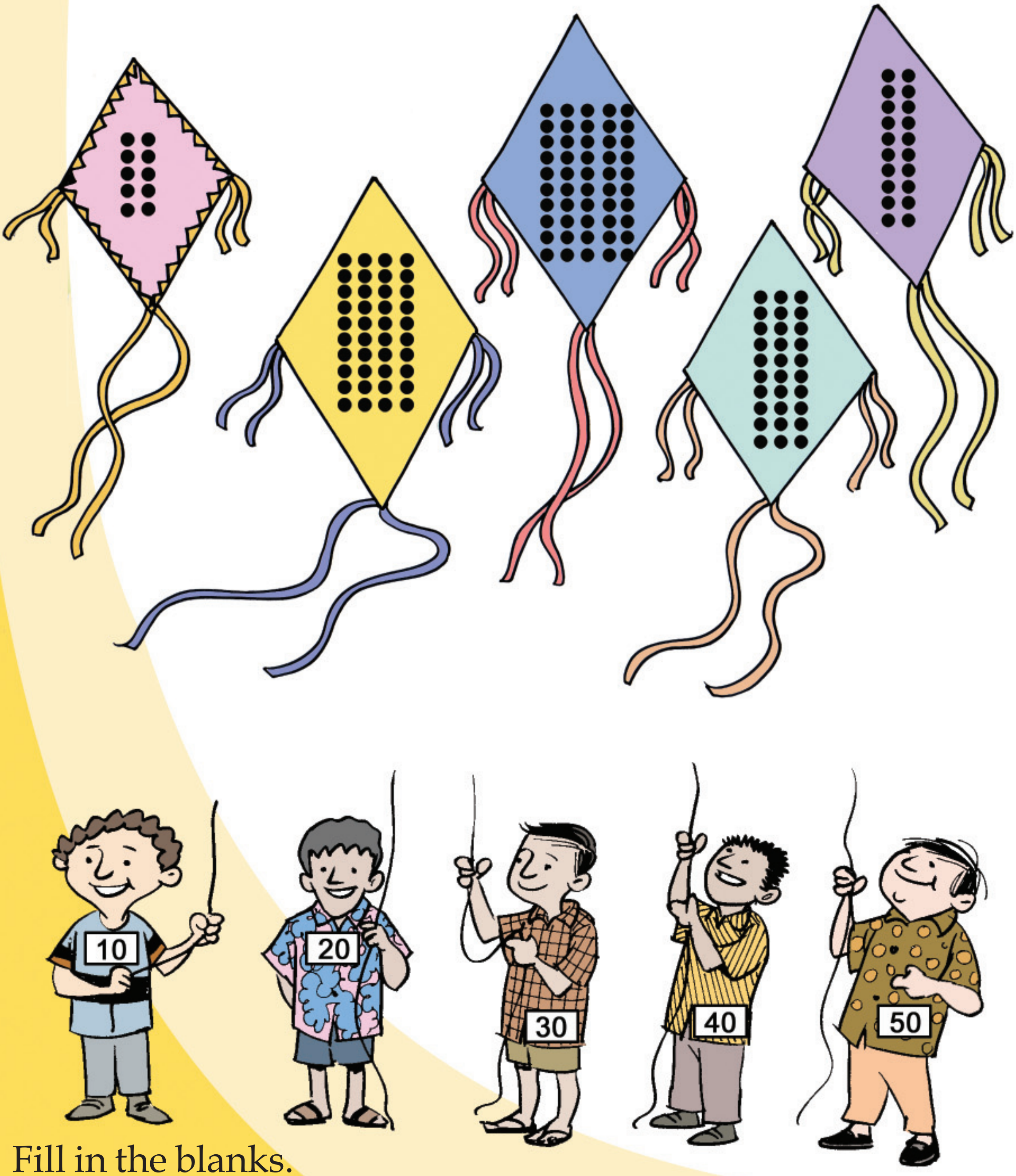


☐

Whose kite? Draw lines and join

Number on the shirt is the number of dots on his kite.

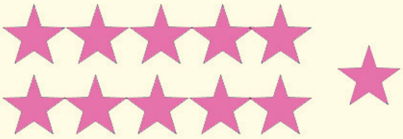
Count the dots on the kites and connect them to the strings.



Fill in the blanks.

10		30			60			90

Let's find out!



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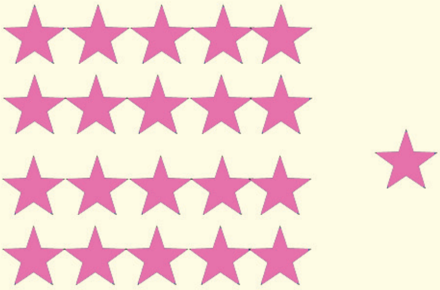

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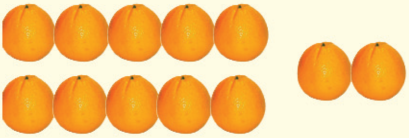

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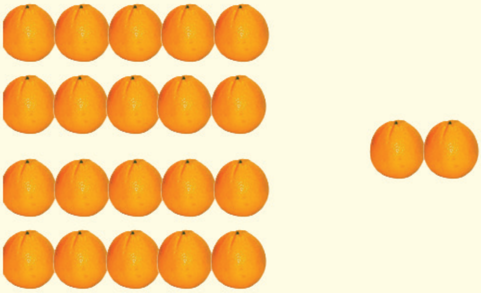

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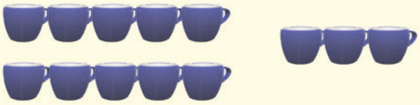

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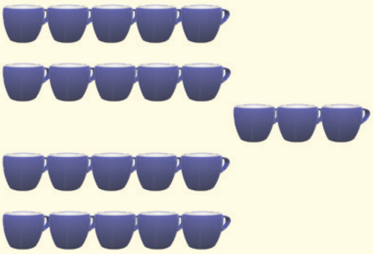

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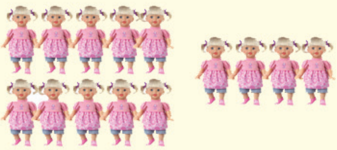

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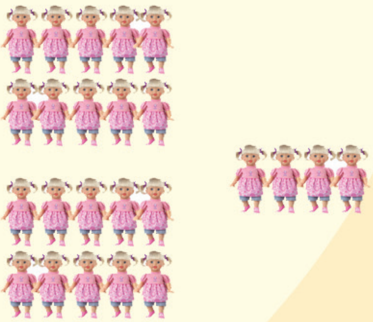

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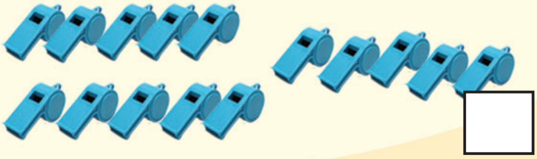

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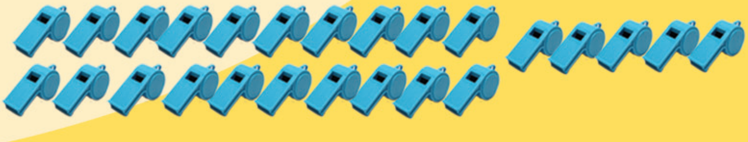

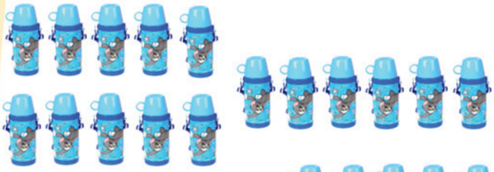

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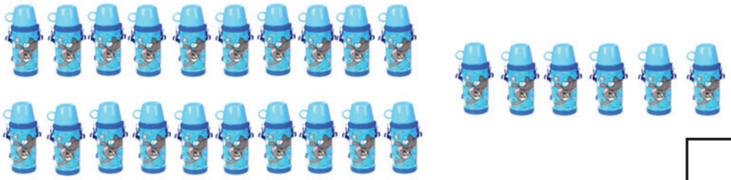

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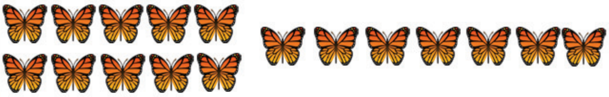

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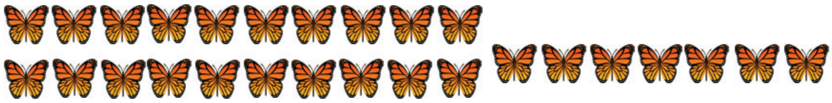

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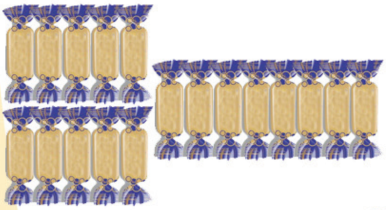

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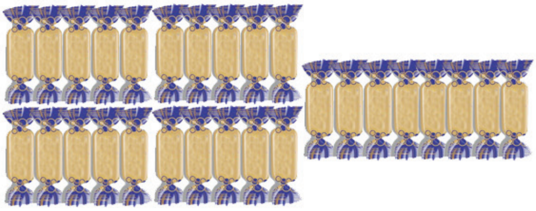

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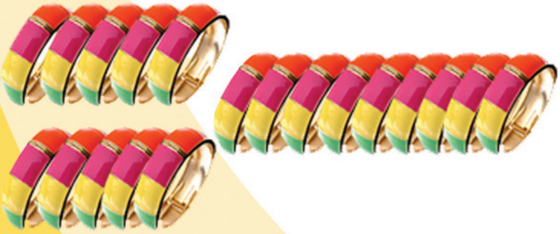

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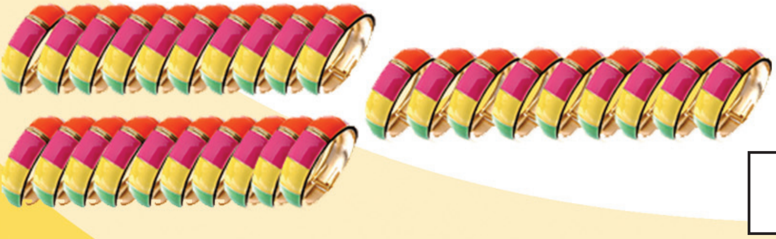
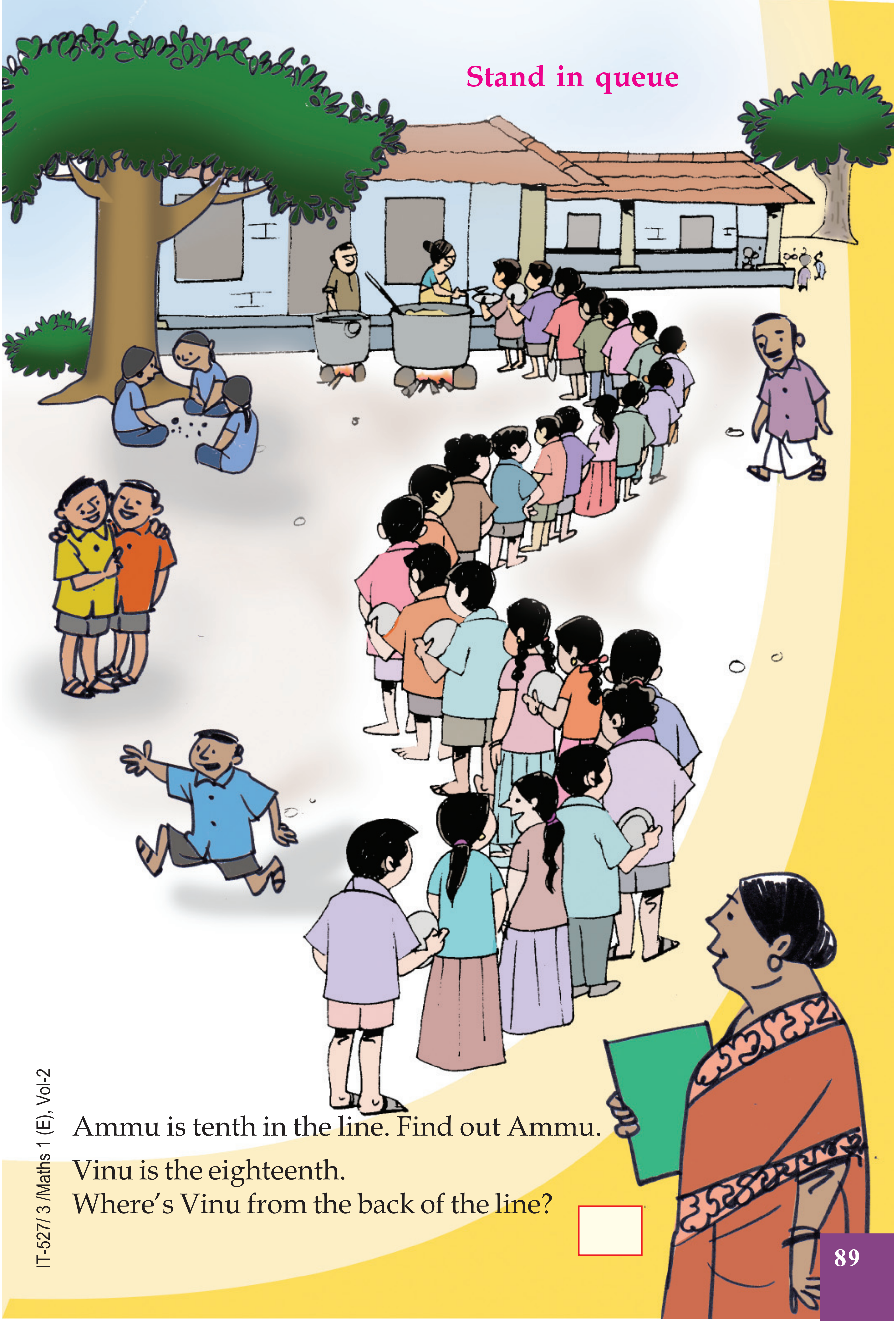


☐

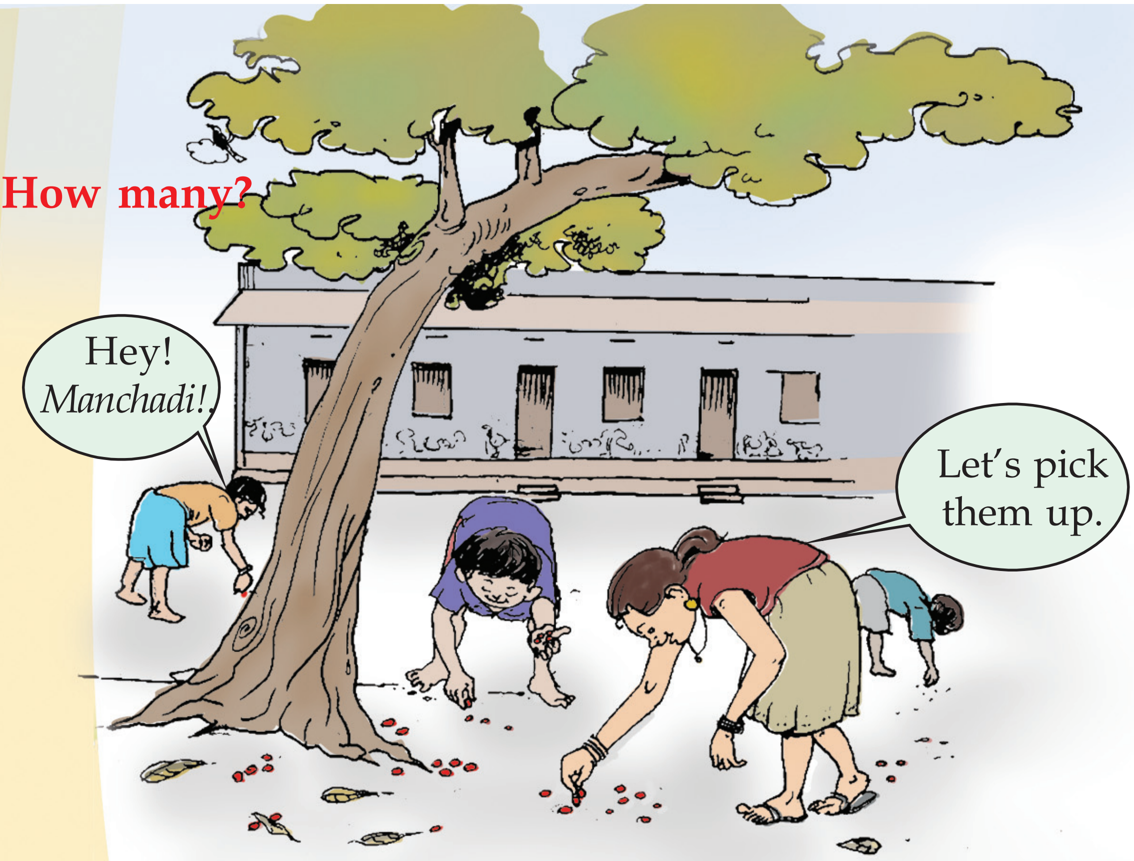
Stand in queue



Ammu is tenth in the line. Find out Ammu.

Vinu is the eighteenth.
Where's Vinu from the back of the line? ☐

How many?


Hey! *Manchadi!*
Let's pick them up.

They counted the seeds in ten.

			Count
Sulu		⑩ ⑩ ⑩ ④	34
Hari		⑩ ⑩ ⑥	
Amina		⑩ ⑩ ⑩ ⑩ ②	
Rani		⑩ ⑩ ⑨	

Who got the most?

Write the number of seeds in order, least to most.

Fill in the empty boxes

+	10	20	30	40	50	60	70	80	90
1	11	21							
2	12	22							
3	13	23							
4	14	24							
5	15	25							
6	16	26							
7	17	27							
8	18	28							
9	19	29							

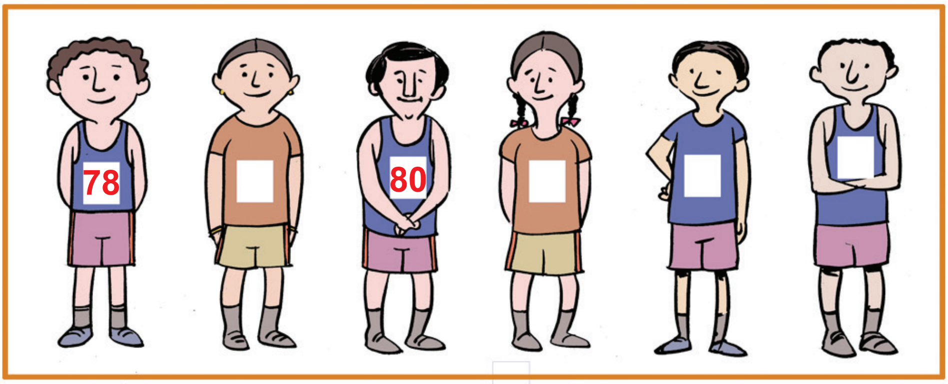
Circle the number greater than 38.

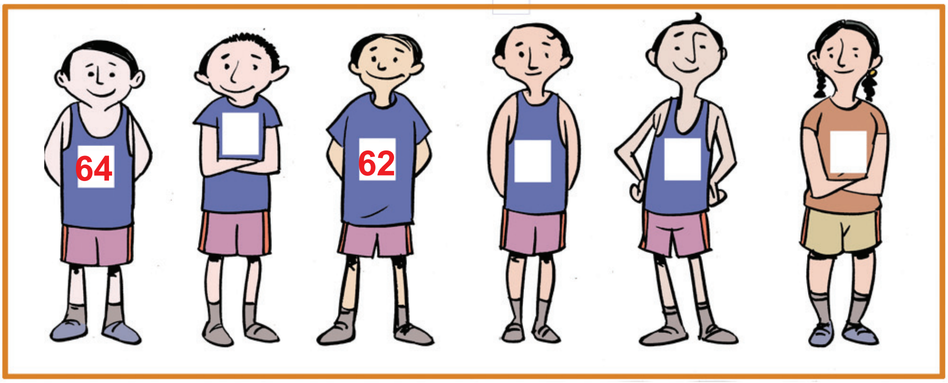
27 35 24 42 18

Circle the number less than 71.

96 84 53 80 99

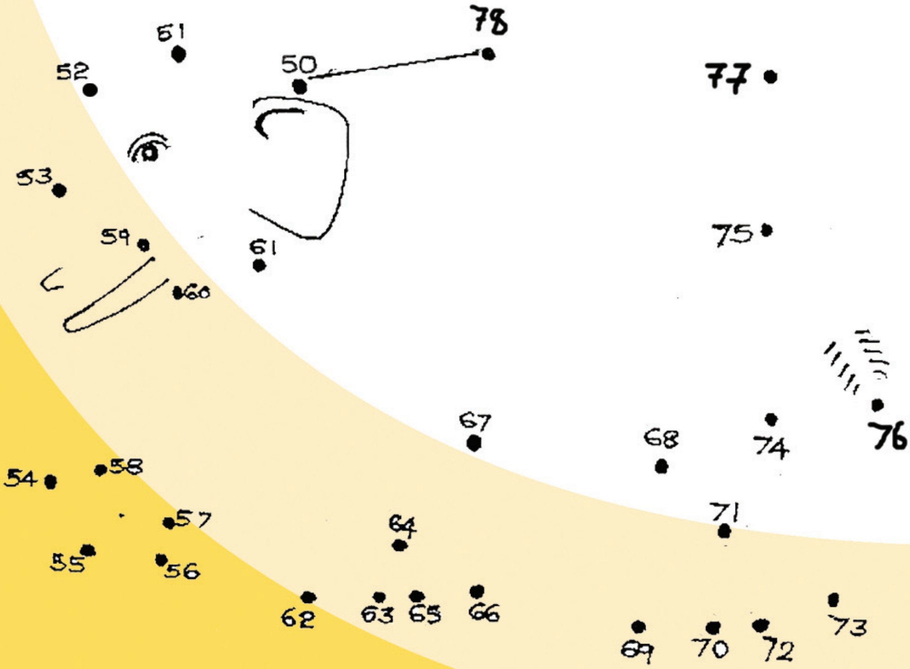
Give numbers in order





Who is hiding?

Join the dots from 50 to 78 in order.


78
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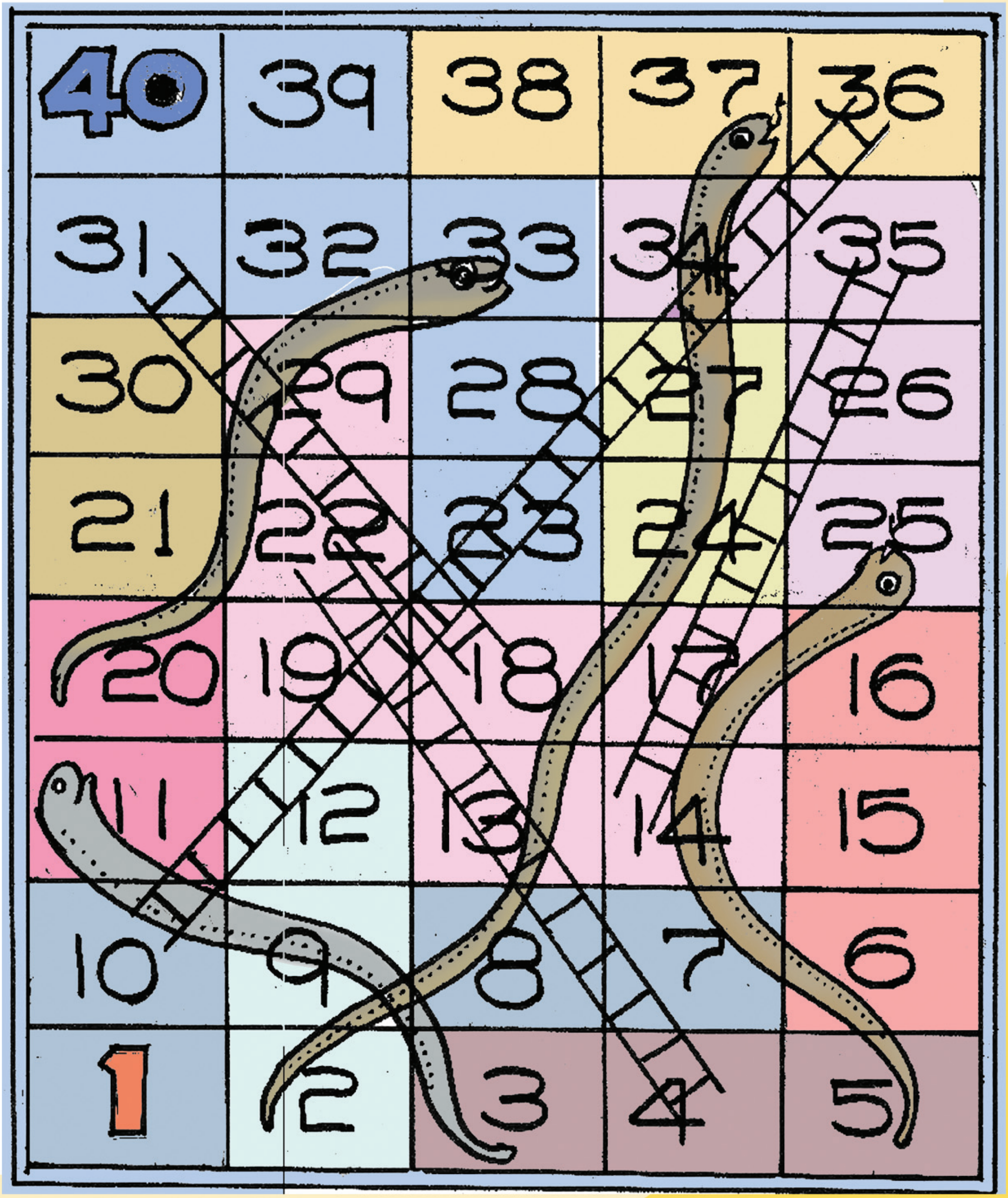
72

Snake and ladder

Let's play snake and ladder.



40
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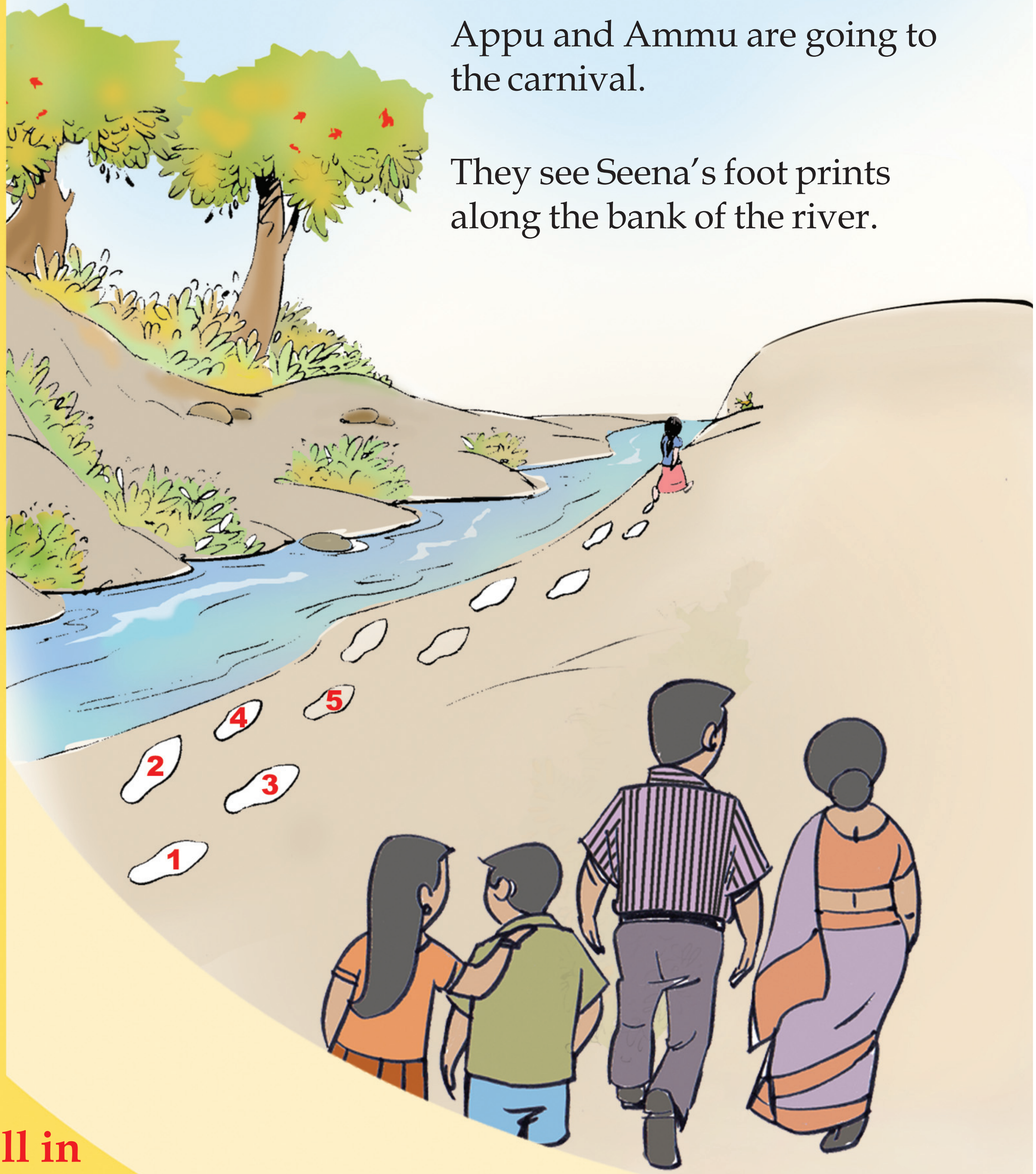
16
11
12
13
14
15
10
9
8
7
6
1
2
3
4
5

7

Let’s Add and Subtract

Appu and Ammu are going to the carnival.

They see Seena’s foot prints along the bank of the river.

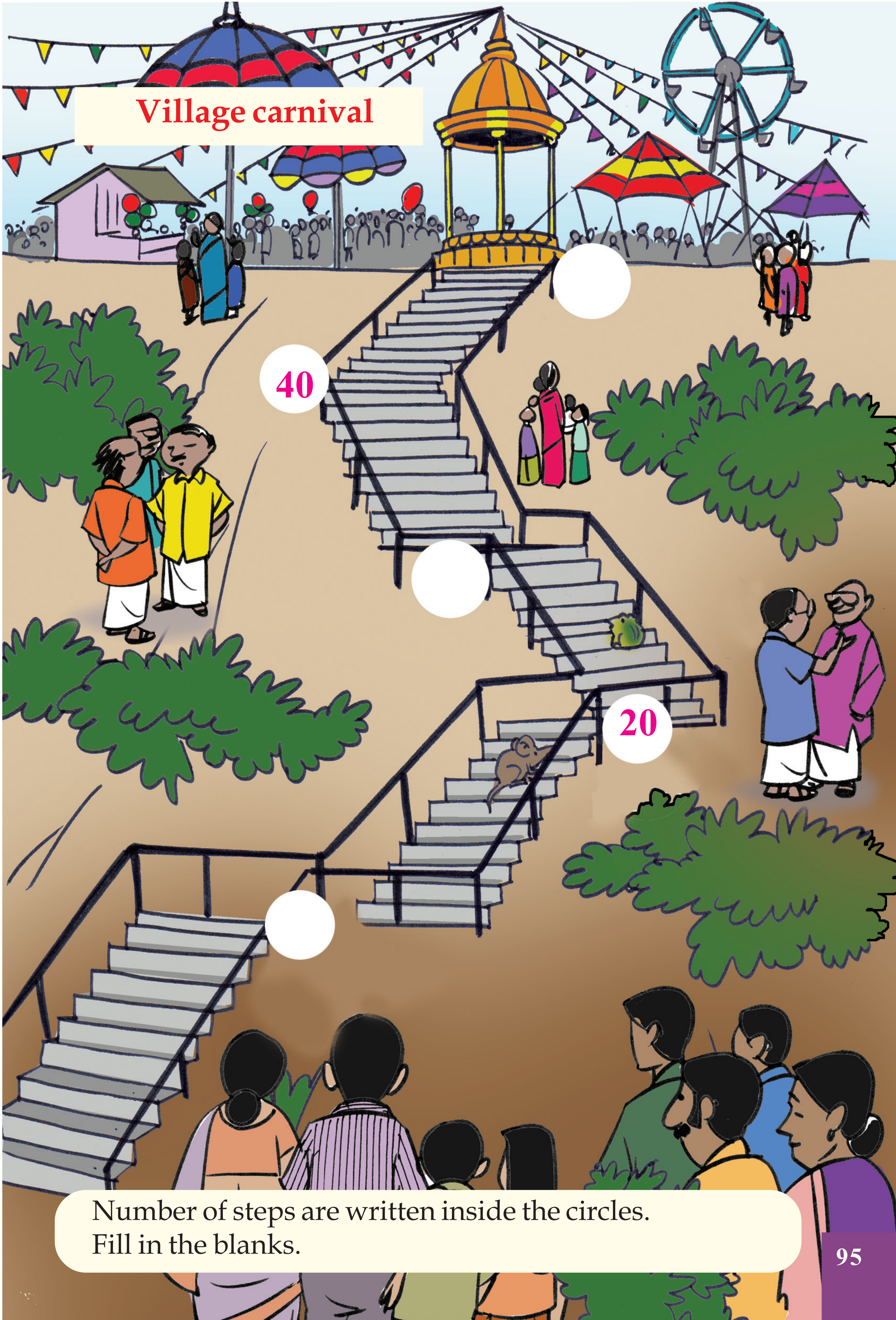


Fill in

The numbers on Seena’s right foot prints 1 3 5 ○ ○

The numbers on Seena’s left foot prints 2 4 6 ○ ○

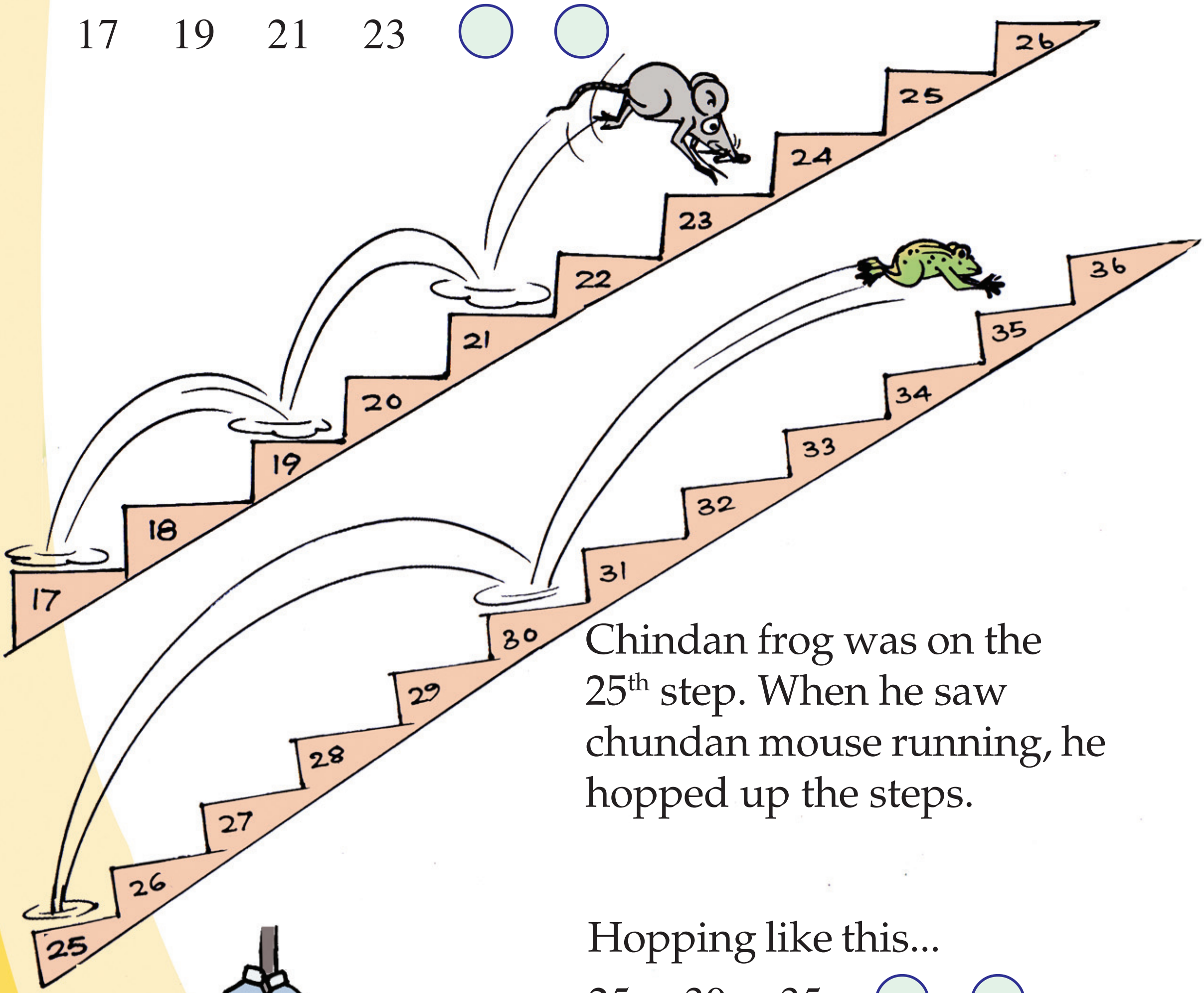
Village carnival



Number of steps are written inside the circles.
Fill in the blanks.

Chundan Mouse was on the 17th step.
Hearing a sound, he ran up.
Running like this....

17 19 21 23 ○ ○


17
18
19
20
21
22
23
24
25
26
25
26
27
28
29
30
31
32
33
34
35
36

Chindan frog was on the 25th step. When he saw chundan mouse running, he hopped up the steps.

Hopping like this...

25 30 35 ○ ○

Write the correct answers and put in the box.

78 80 82 ☐ ☐ ☐

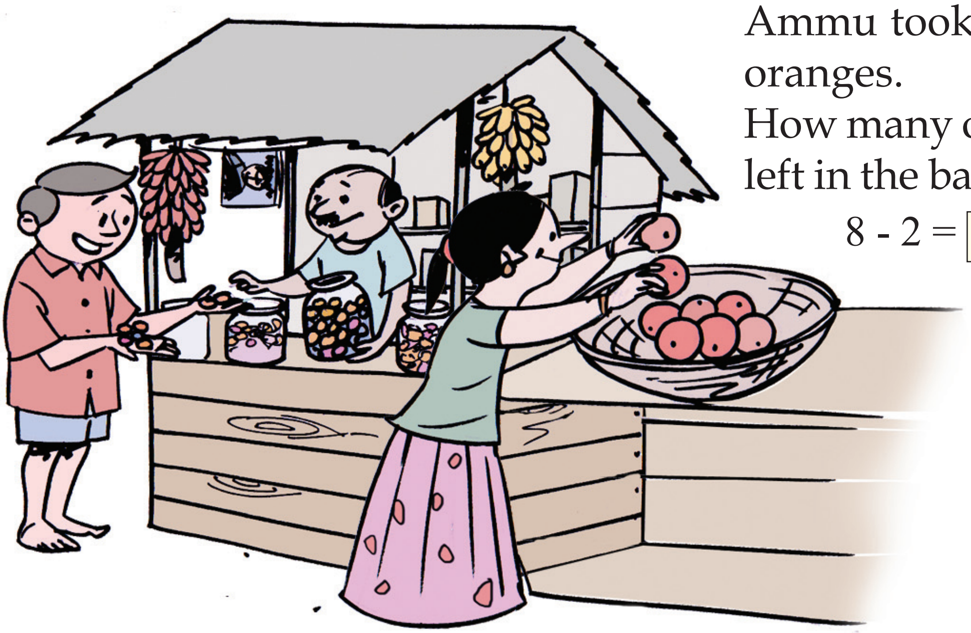
40 50 ☐ ☐ 80 90

☐ ☐ ☐ 20 25 30

Get your prize!
Fill up the card
and put in
the box.

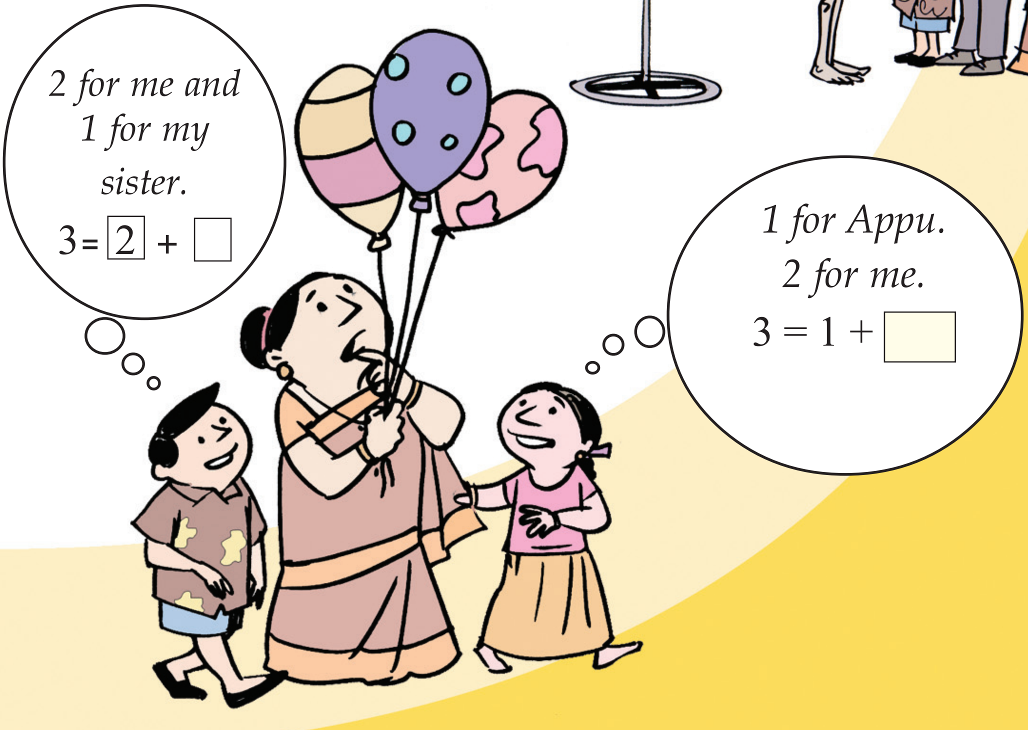
You can also write the correct answers.

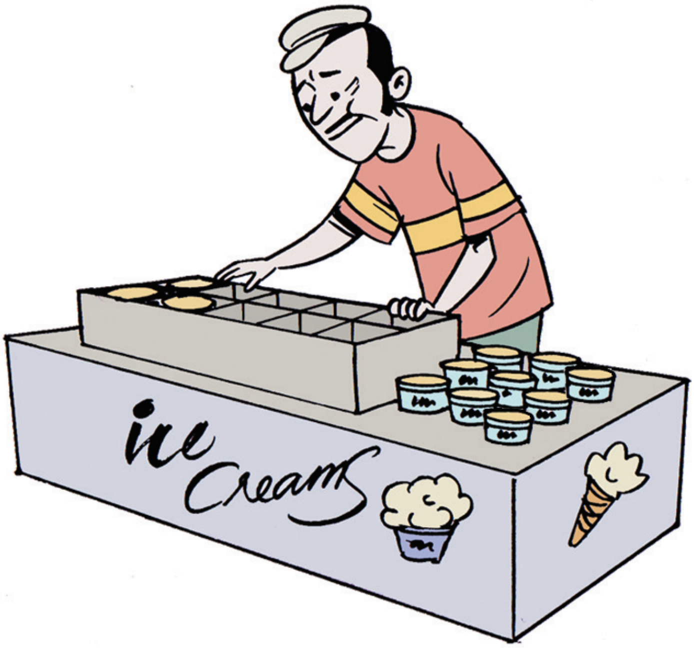
Scenes from the carnival



Ammu took two oranges.
How many oranges left in the basket?

$8 - 2 = \square$


2 for me and 1 for my sister.
$3 = \boxed{2} + \square$
1 for Appu. 2 for me.
$3 = 1 + \square$

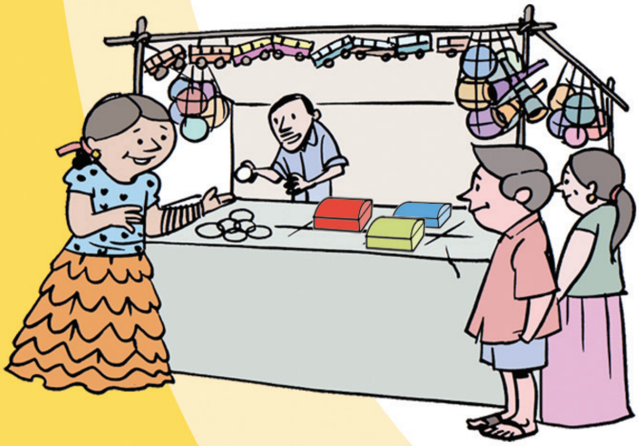


How many cups are
outside the box? ☐

How many cups needed
to fill the box? ☐

How many cups left after filling the box?

9 - 7 = ☐



8 bangles on Ammini's
left hand.

6 bangles on the table.

How many bangles in all?

☐ and ☐ makes

☐ bangles.

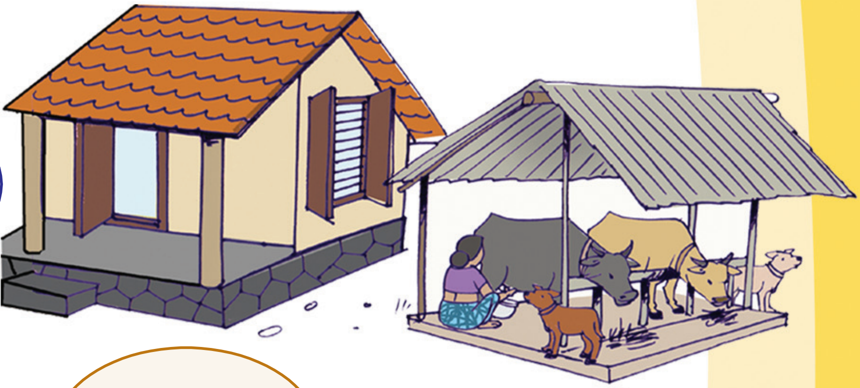
Ammini wants 10 bangles. How many more should she
take? ☐

She takes 2 bangles from the table. How many bangles left
on table? ☐

How many bangles in all, on her hand and on the table? ☐

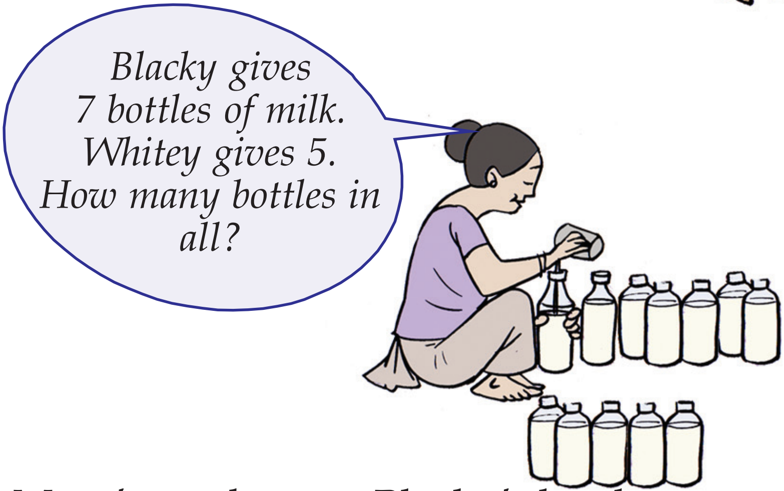
They went to Mary's home from the carnival ground.

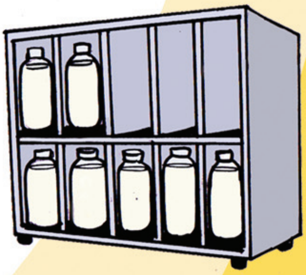
Hey!
Two cows!
How beautiful!



Want to see the cows? Come.

On the shelf


Blacky gives 7 bottles of milk. Whitey gives 5. How many bottles in all?



Mary's mother put Blacky's bottles on the shelf. How many slots are left on the shelf?

To fill the shelf, how many bottles of Whitey's milk are needed?

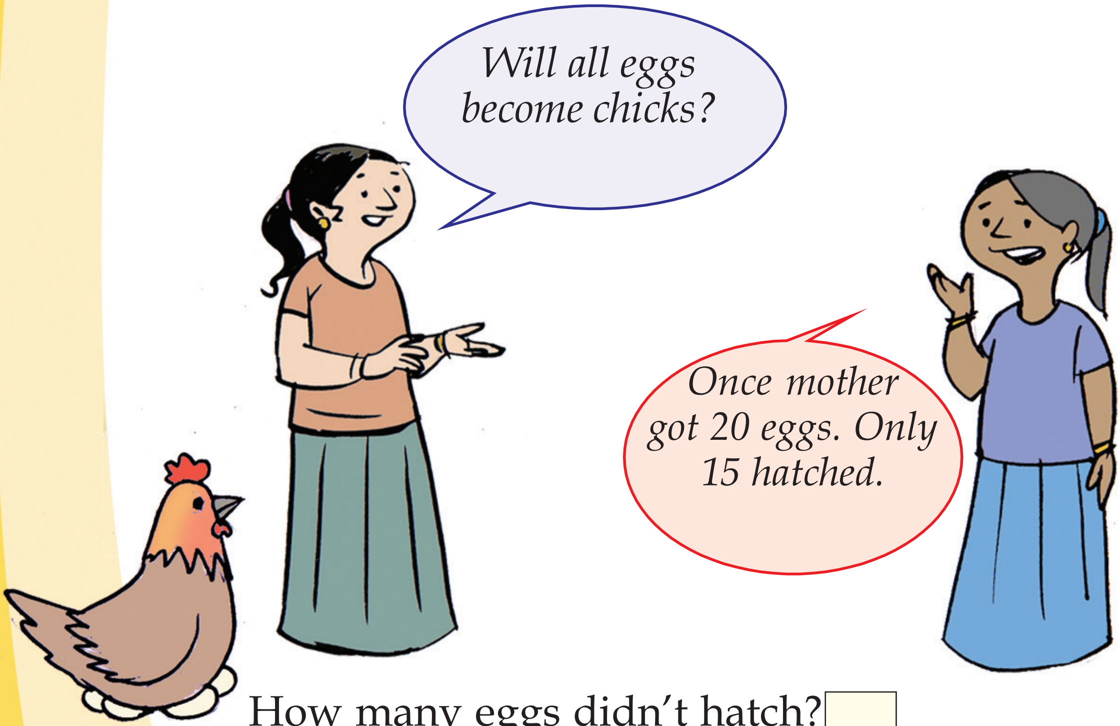
How many bottles left after the shelf is filled?

Total 10 + 2 =

7 + 5 =

Mother hen brooding

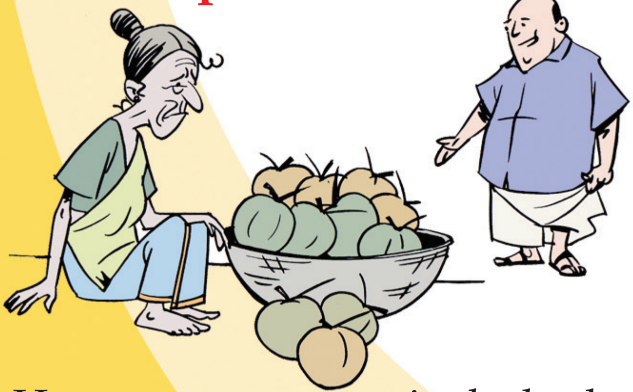
Mary took them to the brooding hen.


Will all eggs become chicks?
Once mother got 20 eggs. Only 15 hatched.

How many eggs didn't hatch? ☐

How much more is 20 than 15? ☐

Coconut problem



How many coconuts in the basket? ☐

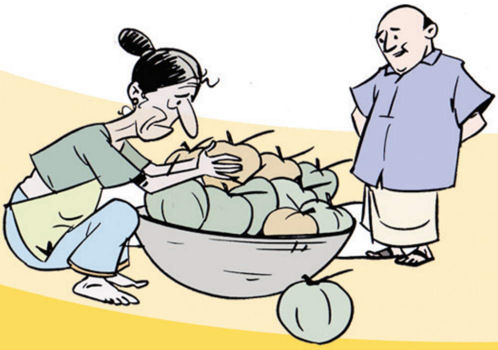
Outside? ☐

How many in all?

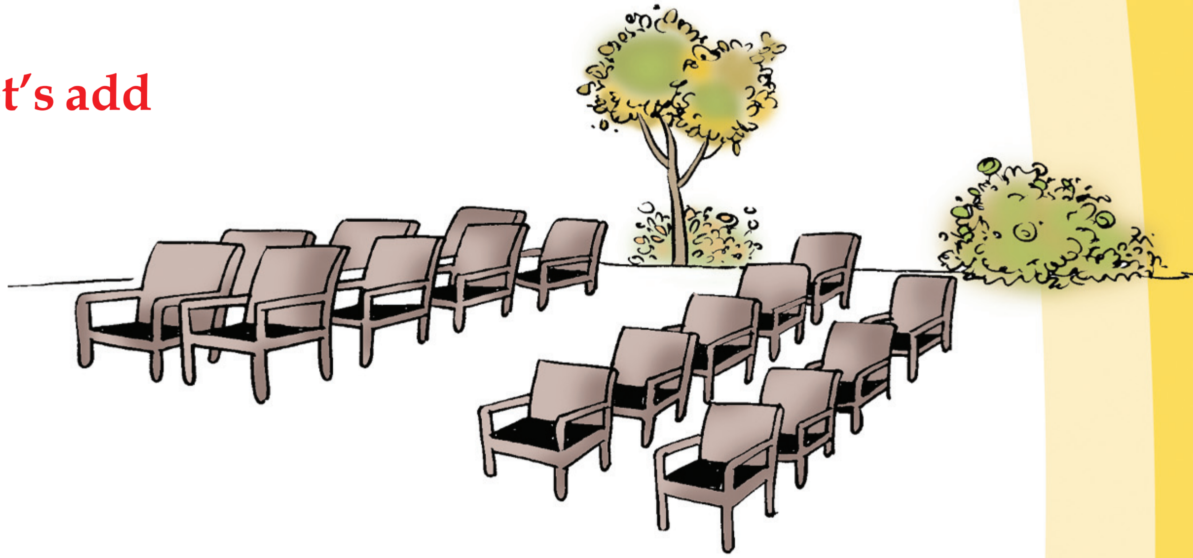
8 + 3 = ☐

8 + 2 = ☐

10 + ☐ = ☐



Let's add

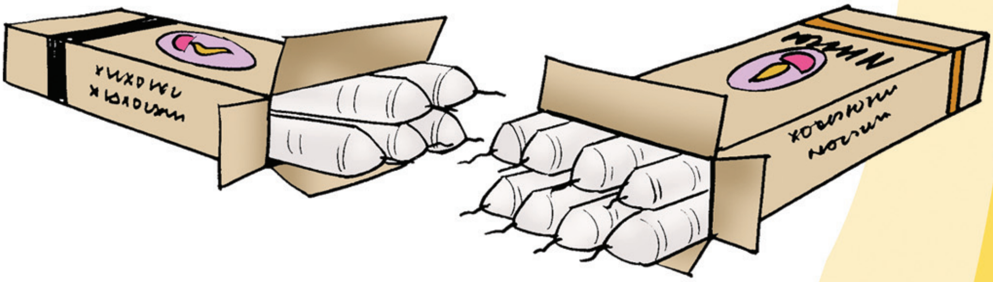


How many chairs?

8 + 9 = ☐

8 + ☐ = ☐

10 + ☐ = ☐



How many candles?

5 + 8 = ☐

☐ + ☐ = ☐

10 + ☐ = ☐

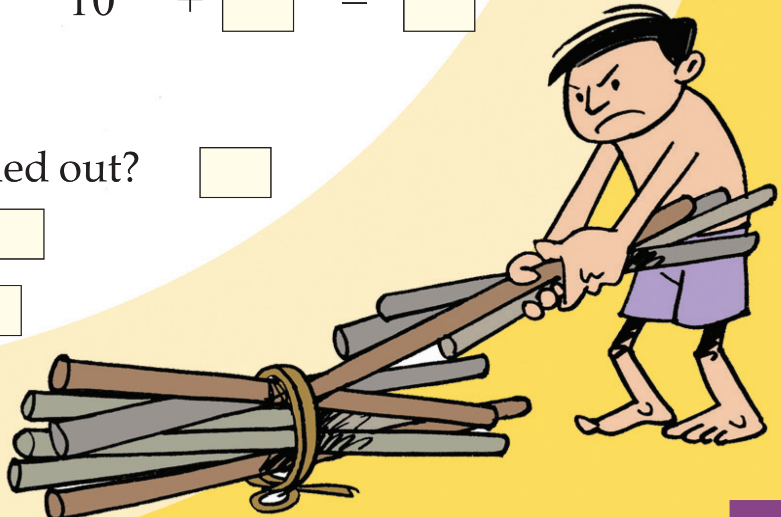
How many left?

Look at the picture

How many sticks pulled out? ☐

The remaining? ☐

10 – ☐ = ☐



Can you answer?

- Thara has 12 beads. Suppose she gets 5 more. How many would she have then?
- Manu has 15 chocolates. He gave 3 to Anu. How many chocolates does he have now?

A number game

Anu wrote four numbers on cards like this.

$\boxed{8}\ \boxed{9}\ \boxed{10}\ \boxed{11}$

Vinu arranged the cards like this.

$$\begin{array}{cc} \boxed{8} & \boxed{9} \\ \boxed{10} & \boxed{11} \end{array}$$

Let's add the numbers on the opposite corners.

$10 + 9 = \boxed{}$

$11 + 8 = \boxed{}$

Write the numbers 4, 8, 12, 16 in boxes like this.

$$\begin{array}{cc} \boxed{} & \boxed{} \\ \boxed{} & \boxed{} \end{array}$$

Add the numbers in the opposite corners.

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

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

What's the missing number here?

$$\begin{array}{cc} \boxed{7} & \boxed{3} \\ \boxed{10} & \boxed{} \end{array}$$

How did you get it?

One, Two, Three

One, when I'm all alone

Two, when I'm with my ma

Three, when we're with my pa

Four, with my little sis

Five, with my baby bro

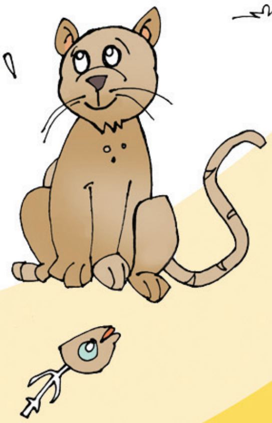
Six, with my pretty doll

Seven, with my yelping pup

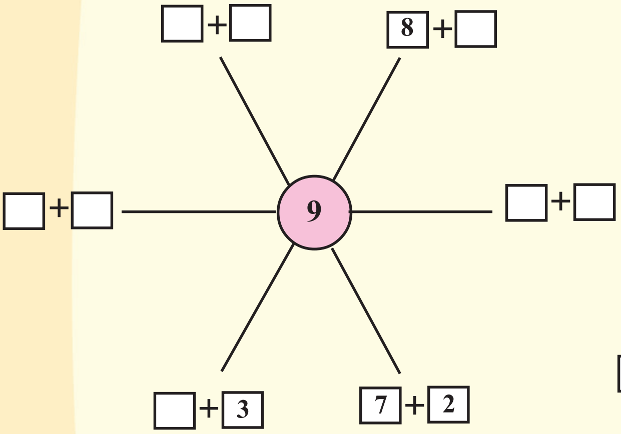
Eight, with my purring kit

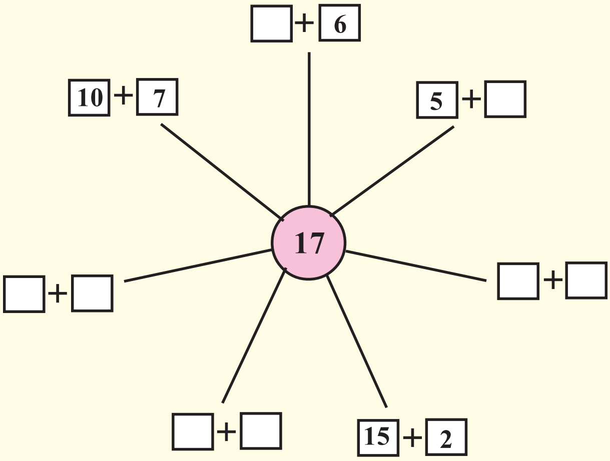
Nine, with my frisky lamb

Ten, with its meek mother

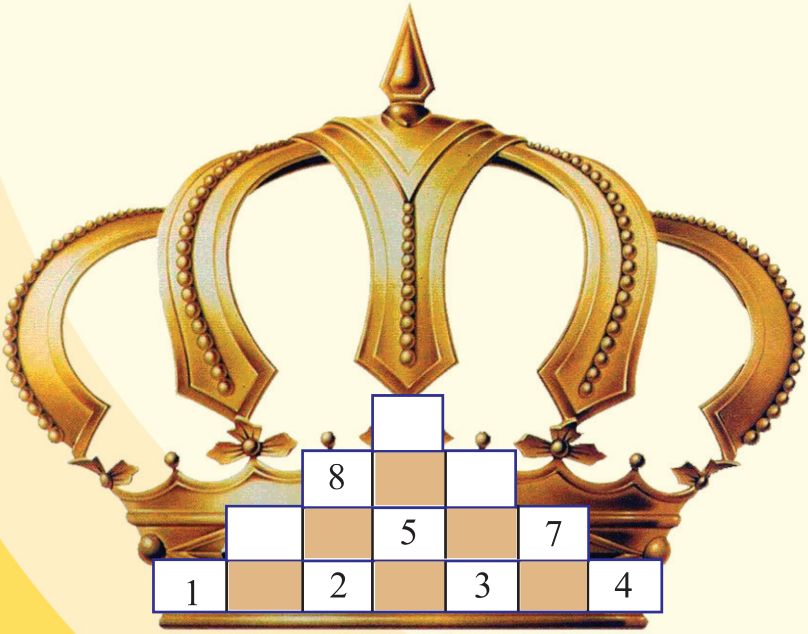


Fill in



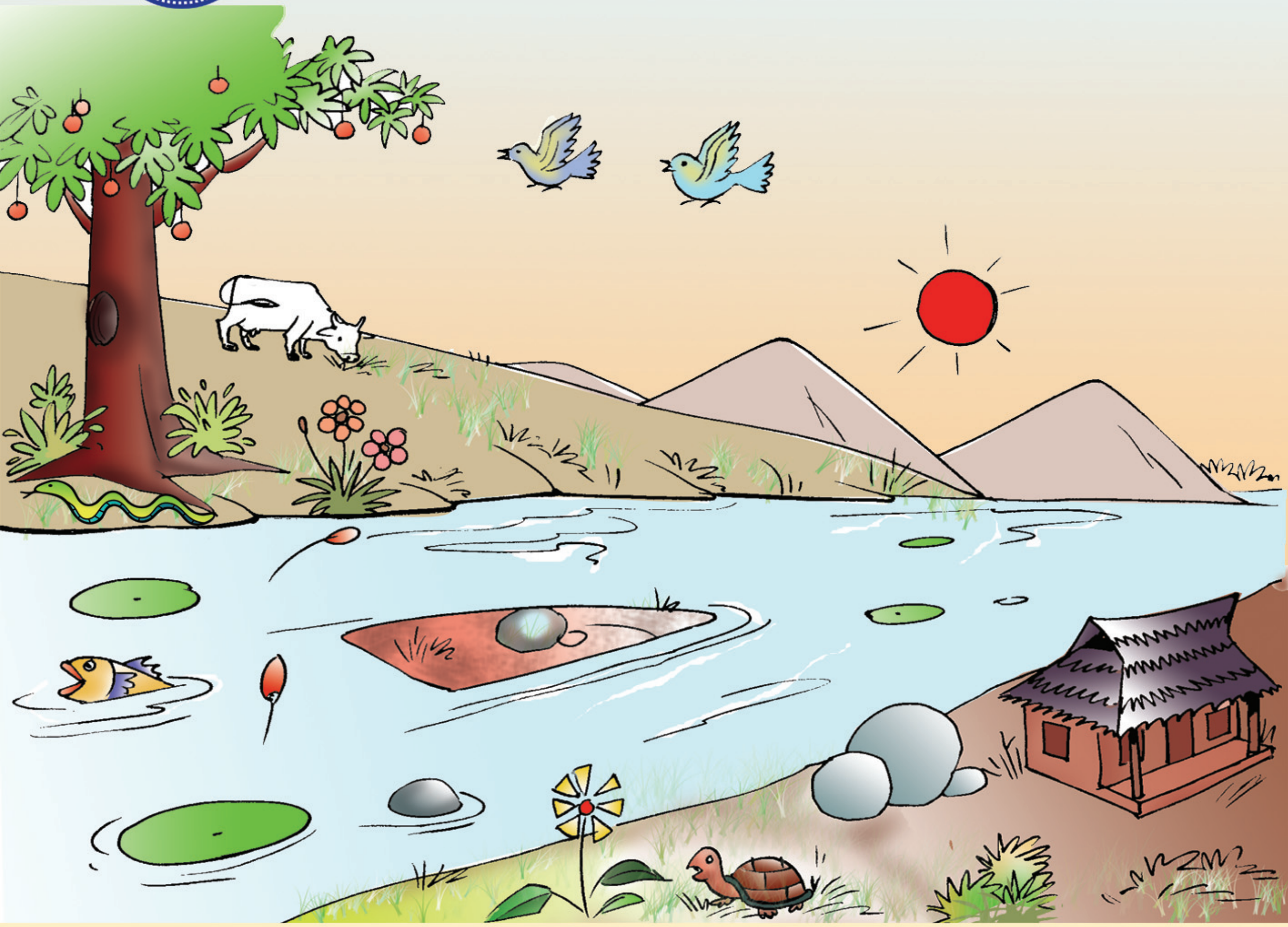

17
☐+6
10+7
5+☐
☐+☐
☐+☐
☐+☐
15+2

Let us make a crown



Write suitable numbers in the empty boxes.

8 Beautiful Shapes



Mangoes are all *round*
Leaves are all *flat*
Look at the cow, it's *fat*
And the snake, it's *long*
So many shapes all around !
Take a look and find them out !

What are in this picture?

- -

- -

- -

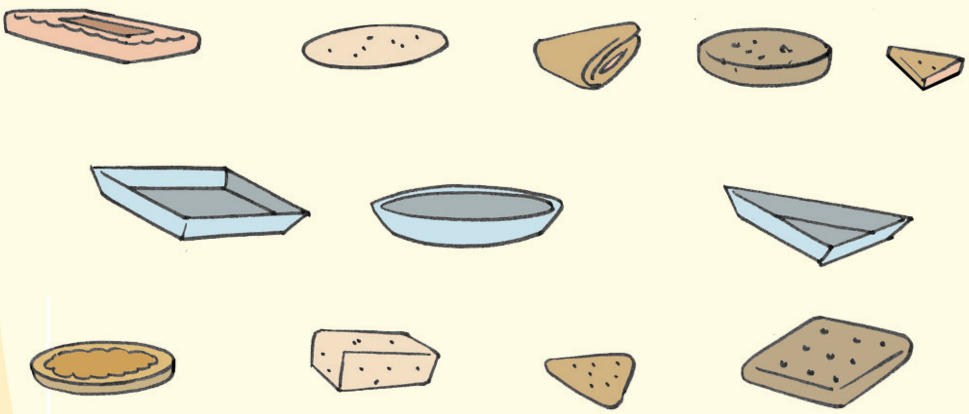
- -

Shapes of snacks

Anu is sorting snacks.

She wants to put each in a dish of the same shape.

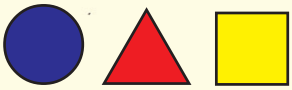
Draw lines and join.

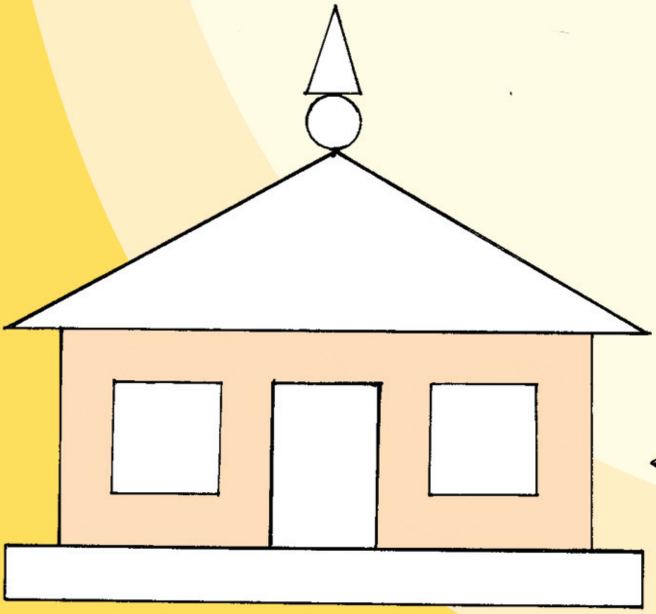


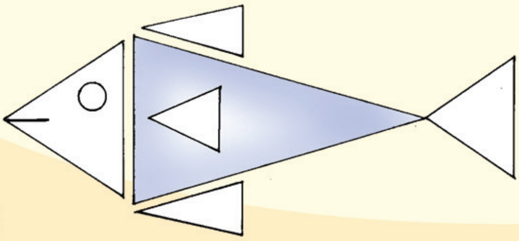
Colour the picture

See the pictures Anu and Vinu have drawn:

Colour the shapes like this:





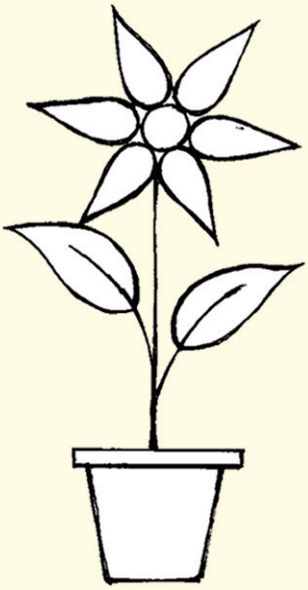


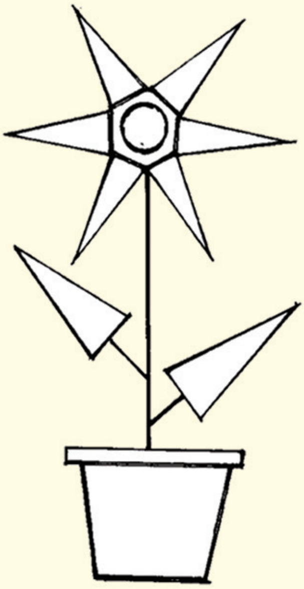
Let's colour!

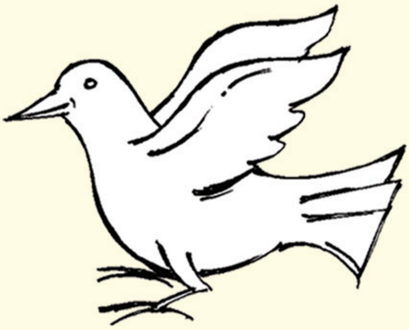
Colour the other pictures Anu and Vinu have drawn.

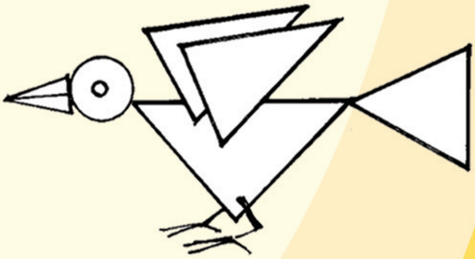
Anu

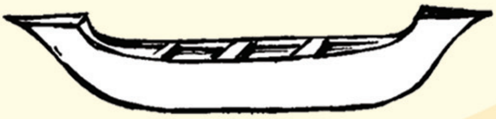
Vinu

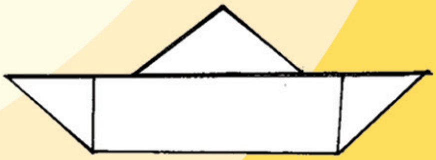








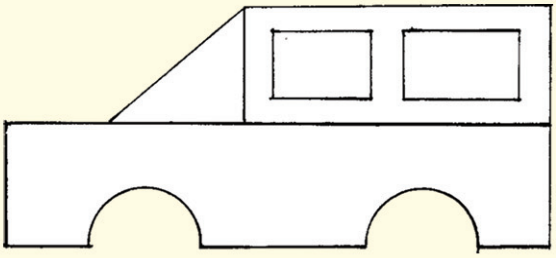


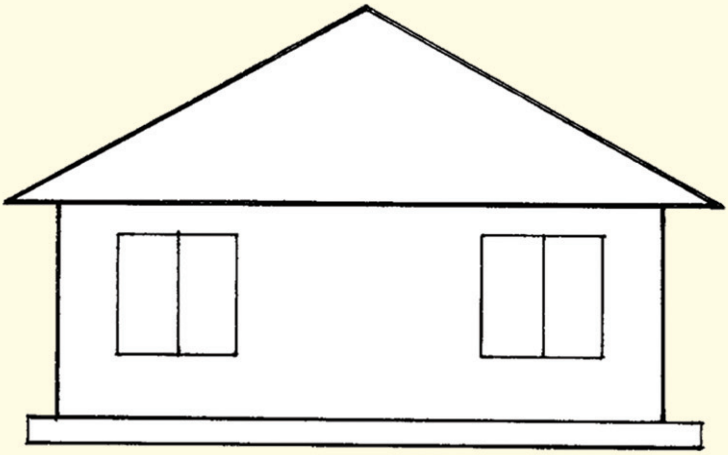


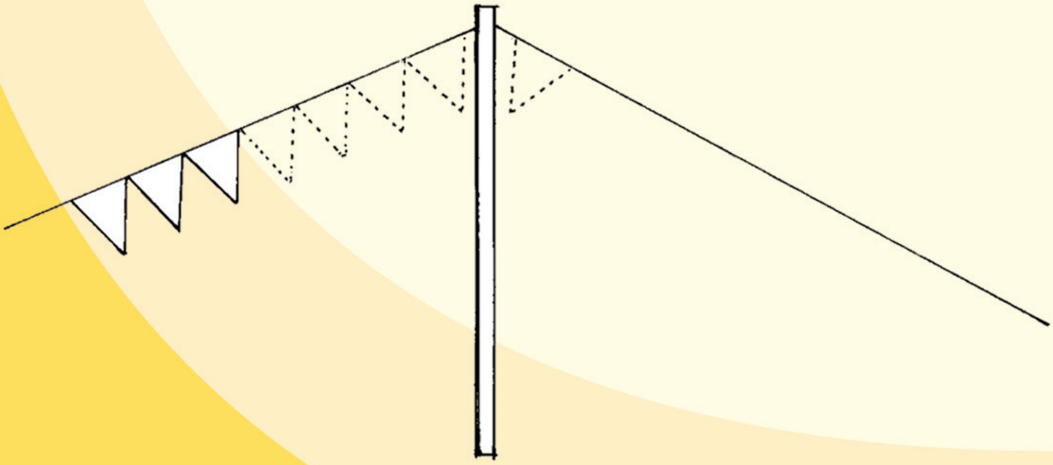
Whose pictures do you like more?

Complete the picture

Draw the missing parts.



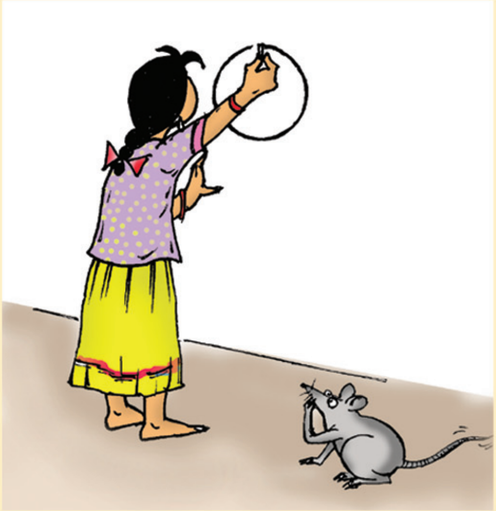


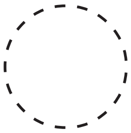


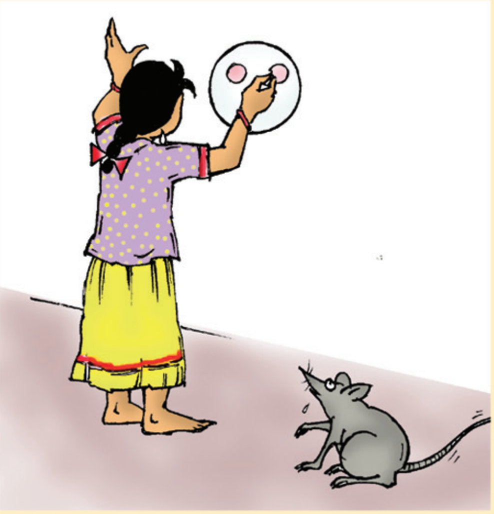
Colour the pictures, choosing the right colours!

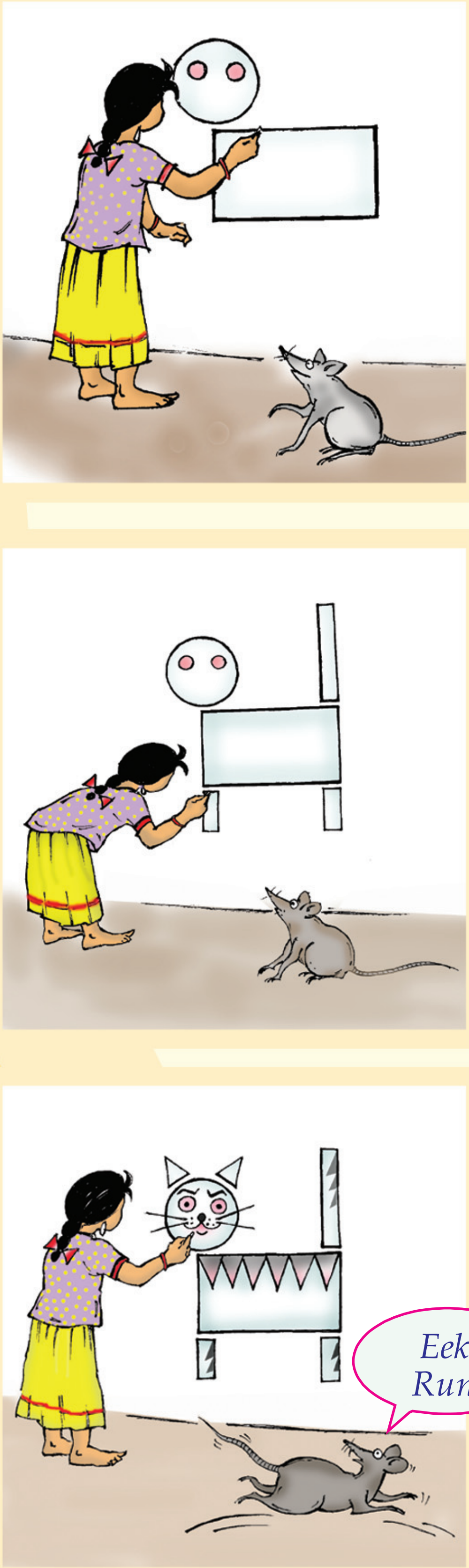
Try yourself

Anu is drawing a picture.
Try to draw along with her.



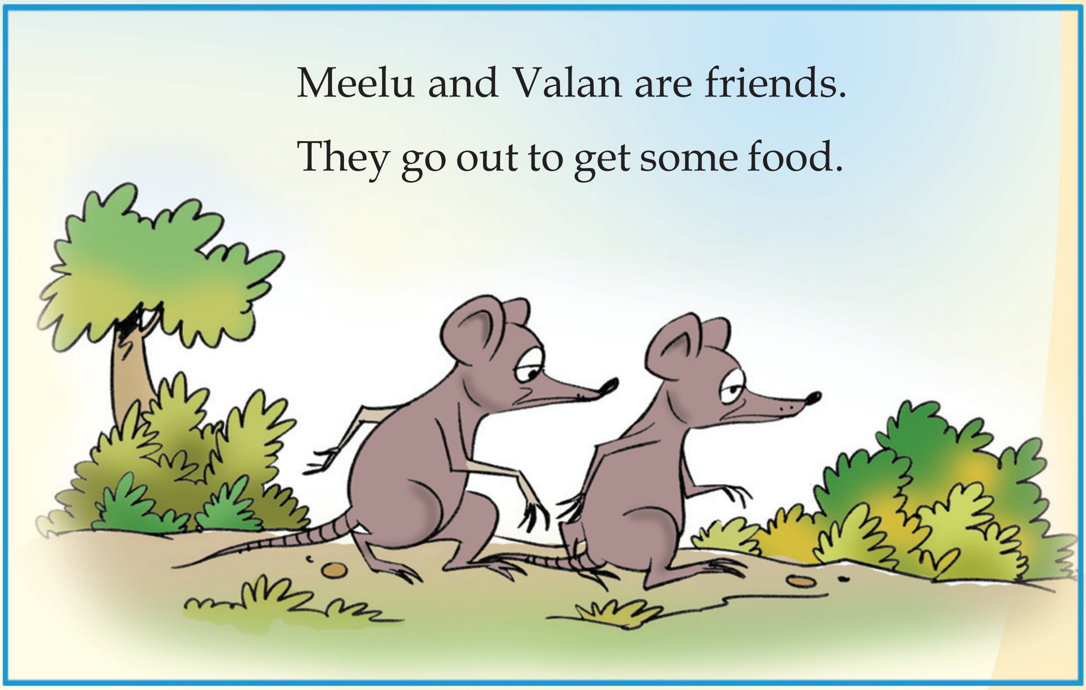





Eek!
Run!

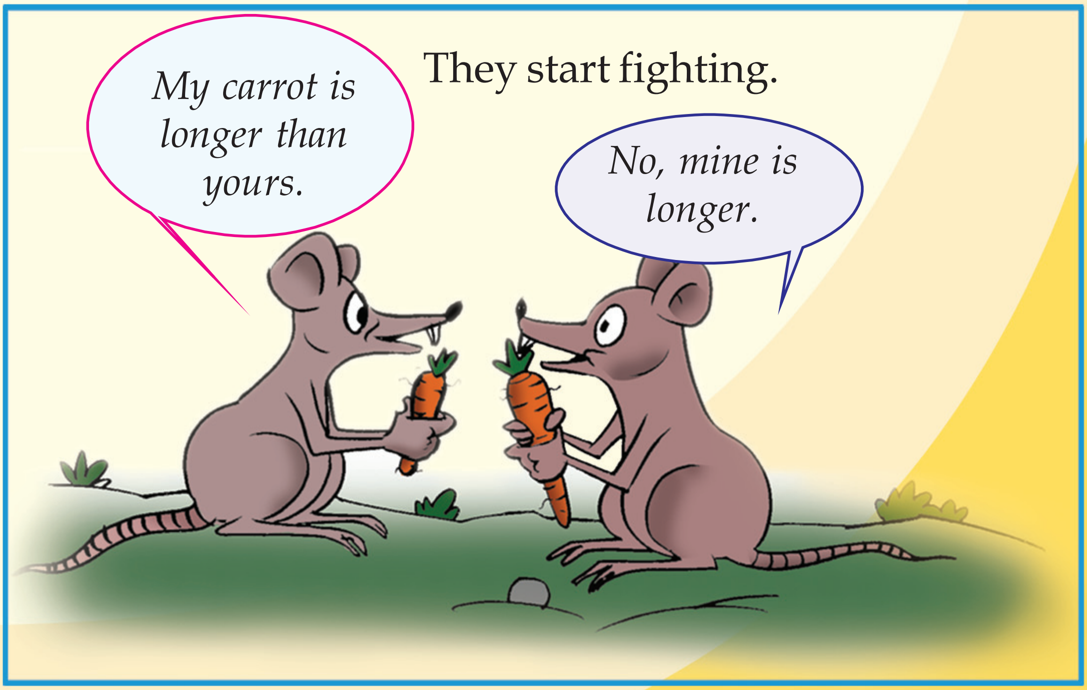
9

So Long !



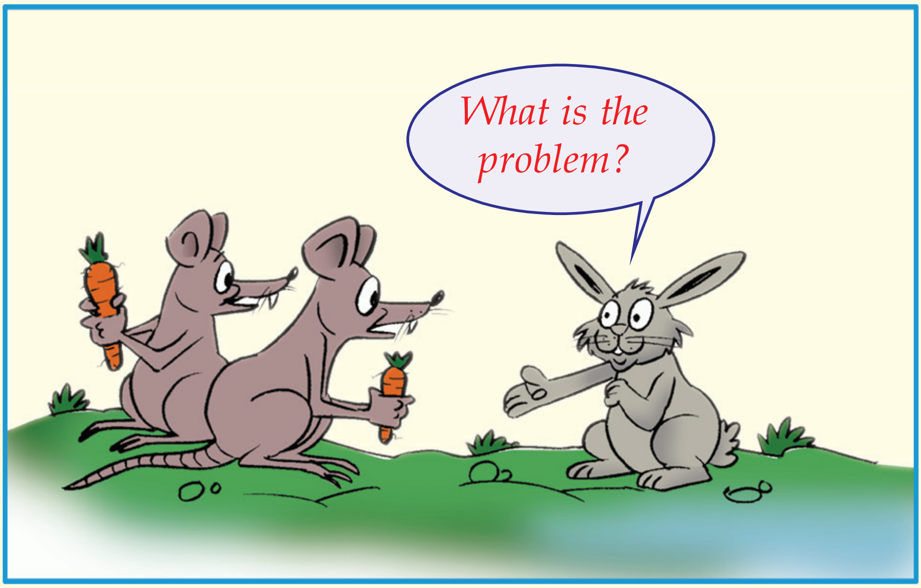
Meelu and Valan are friends.

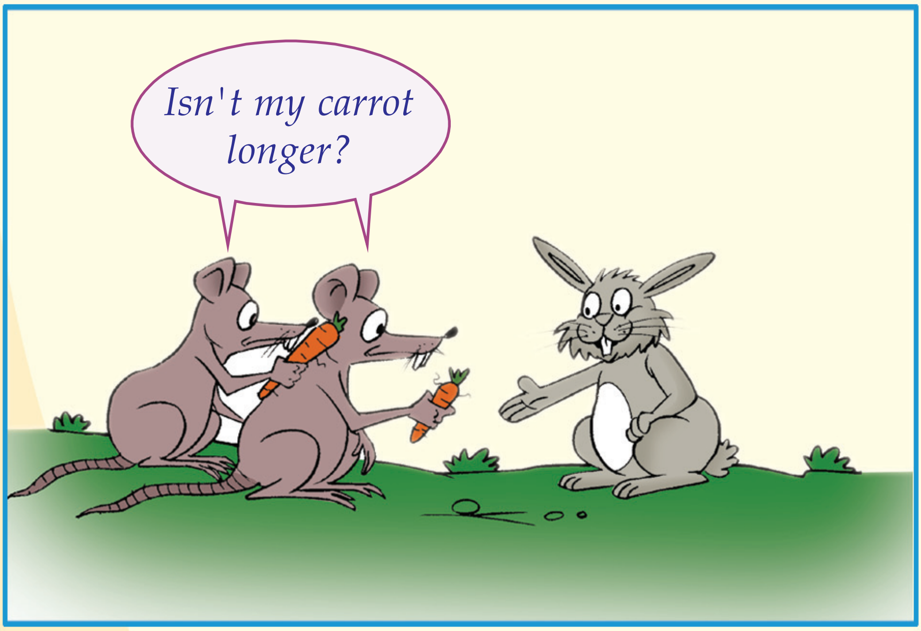
They go out to get some food.

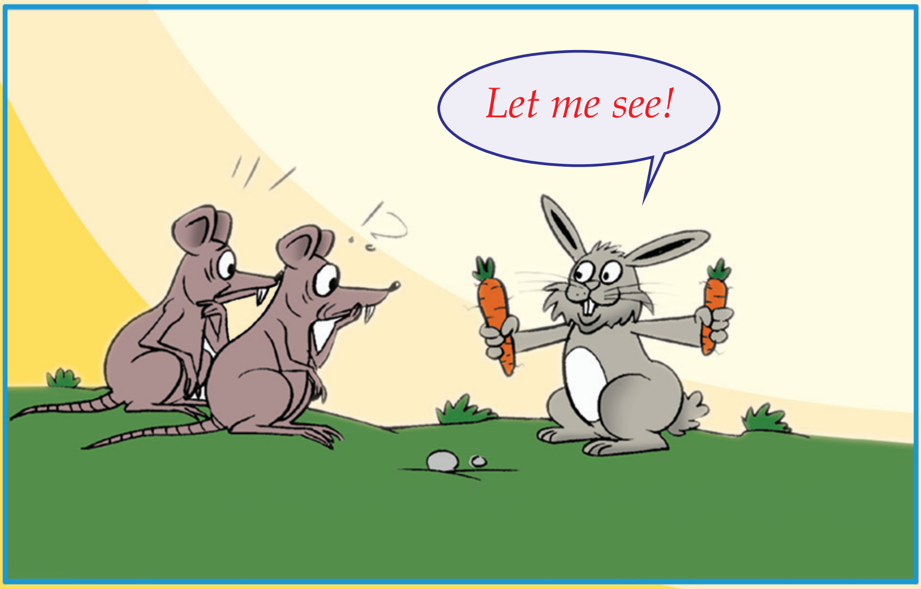


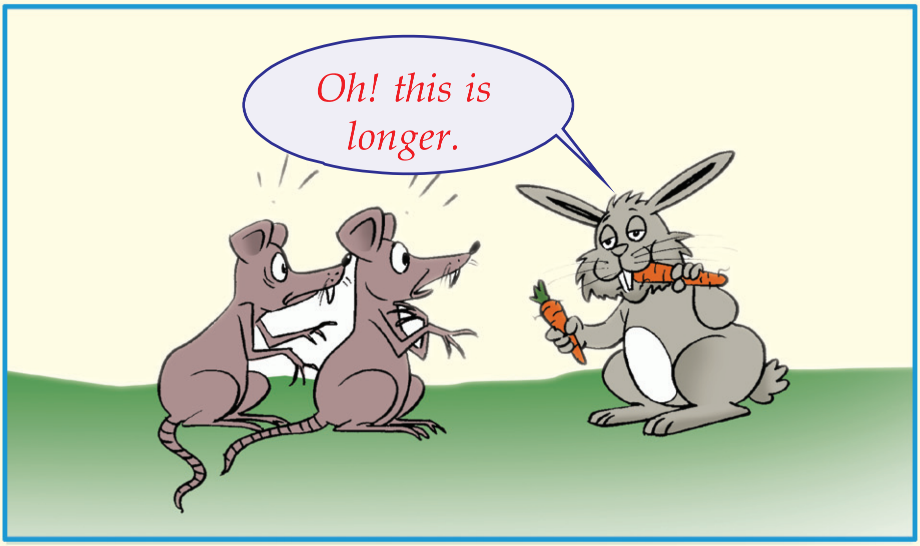
They start fighting.

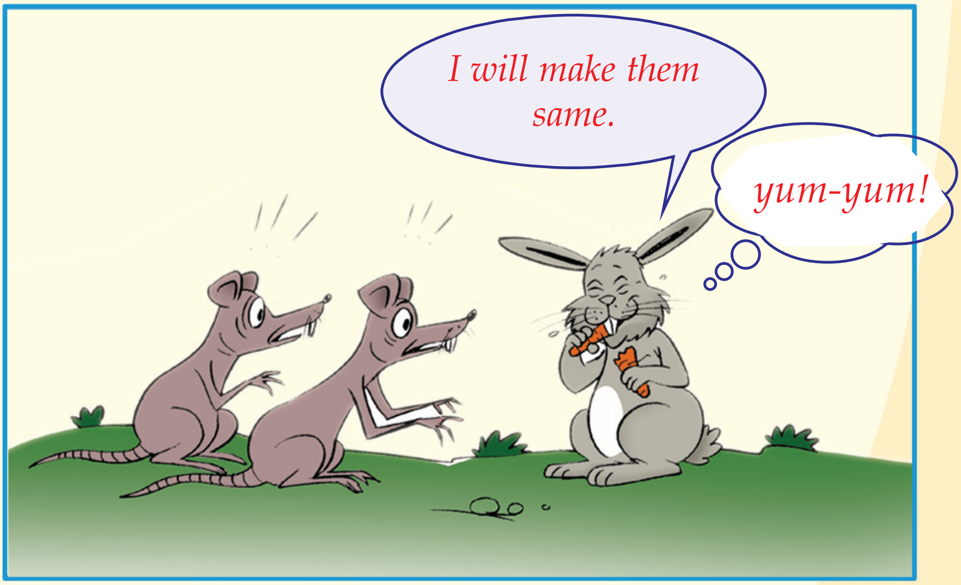
My carrot is longer than yours.
No, mine is longer.

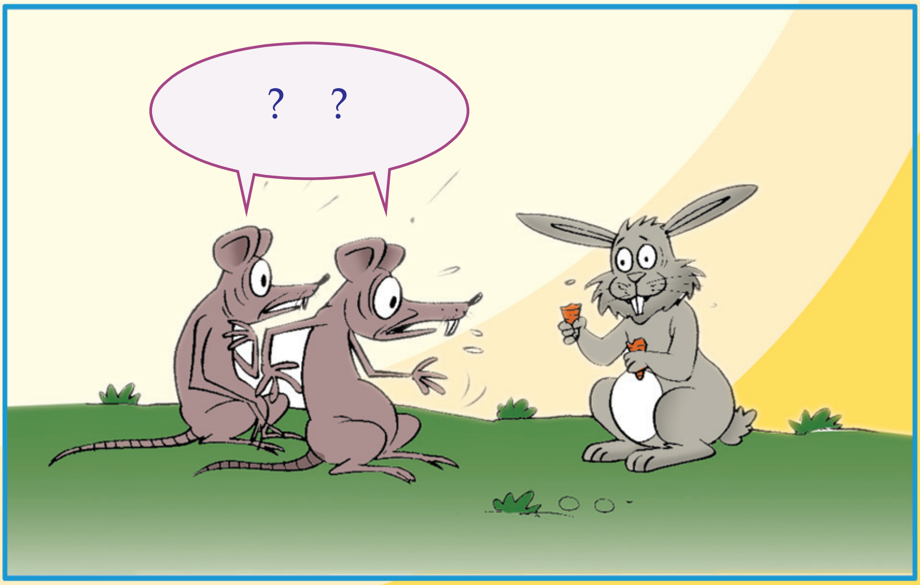

What is the problem?


Isn't my carrot longer?


Let me see!


Oh! this is longer.

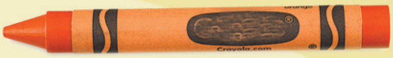
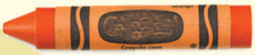
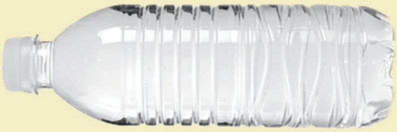
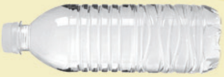
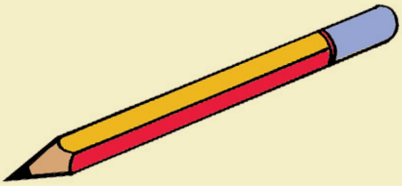
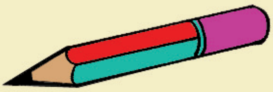
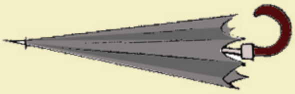
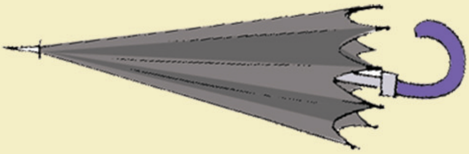
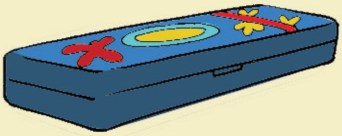
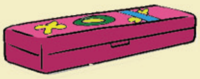

I will make them same.
yum-yum!


? ?

Which is the shorter?

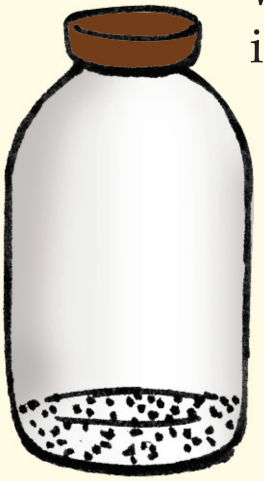
Thara and Manu are packing their school bags.

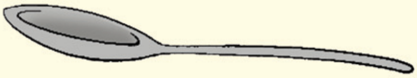
Circle the shorter things.

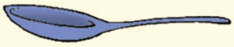
Which to use?

We want to take some sugar from the jar. Which spoon will you use? Put a ✓ mark in the box.

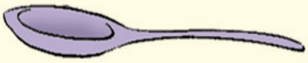




☐



☐

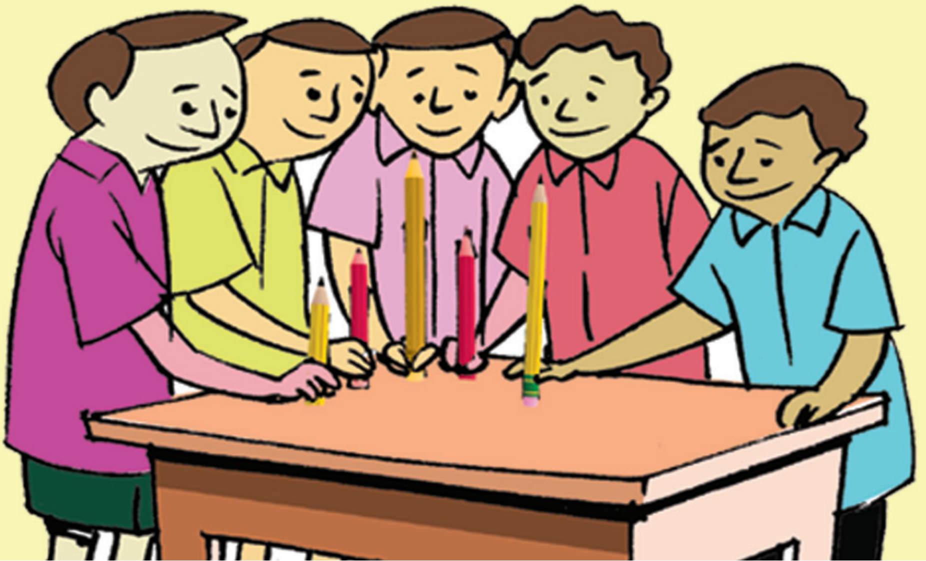


☐

Why?

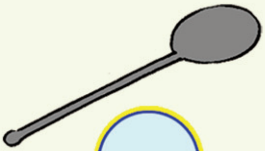
The longest

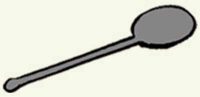
Find out who has the longest pencil in your class.

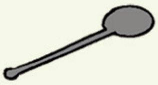


Let's arrange

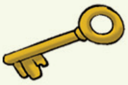
Find out the shortest and the longest in each set. Write 1 against the shortest, 2 against the next in length and 3 against the longest.

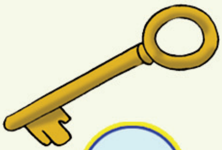


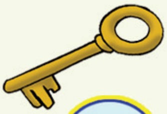


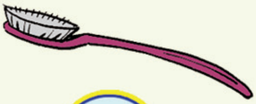


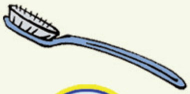
1

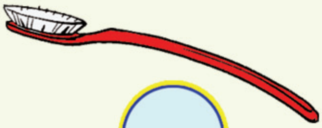


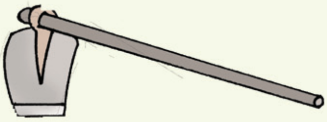


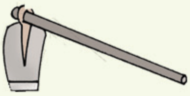


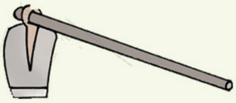


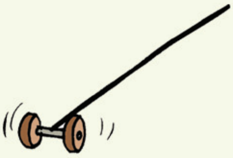


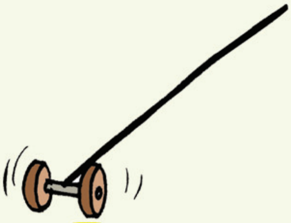


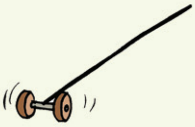






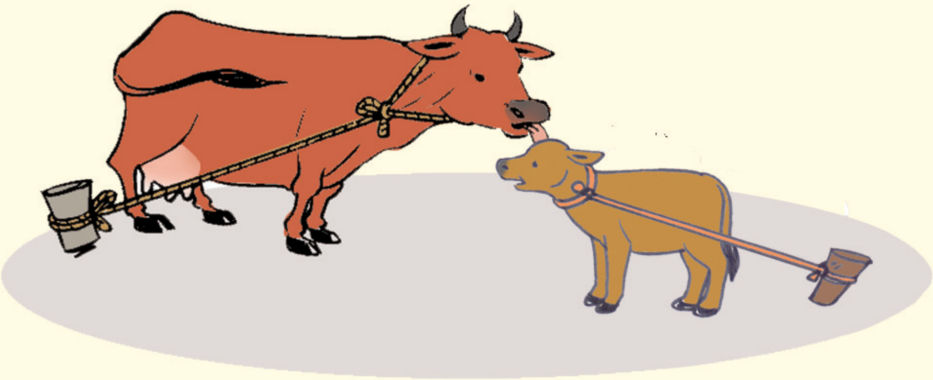






Whose rope is shorter?

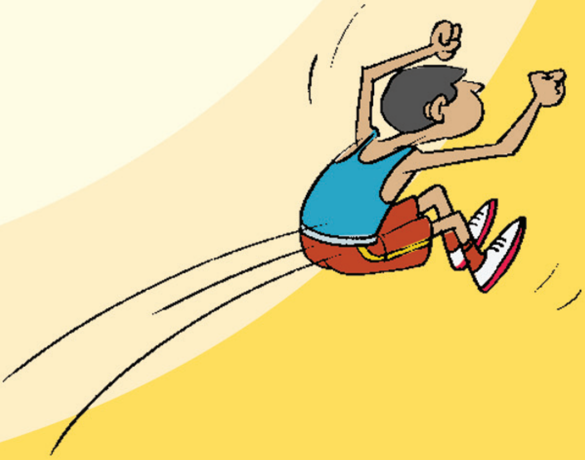
Which one has shorter rope ? put a ✓ mark.



☐ ☐

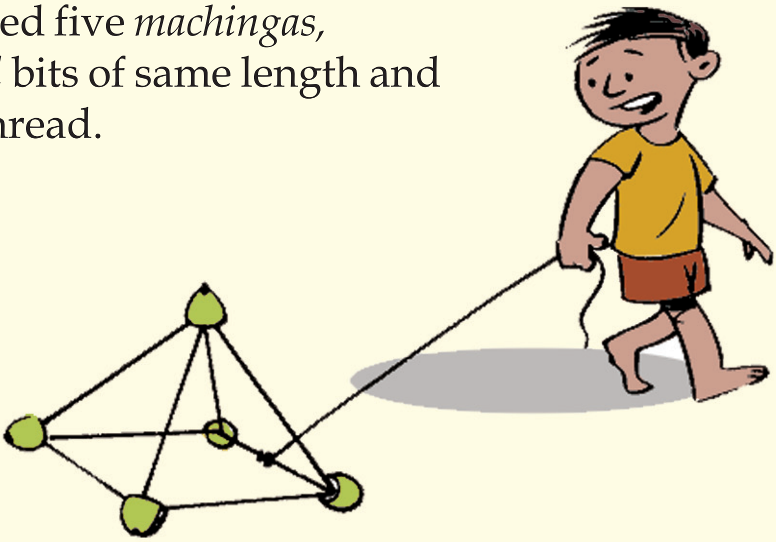
Let's find out

- Which is the longest finger in your hand?
- Who among your friends jumps the longest?
- Which is longer, the black board or the table in your class room?

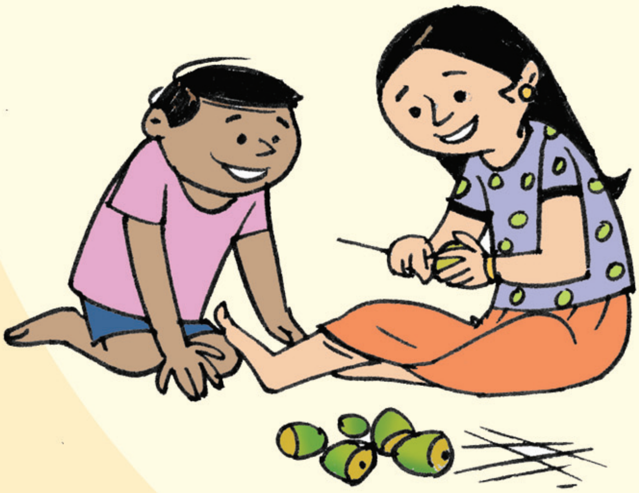


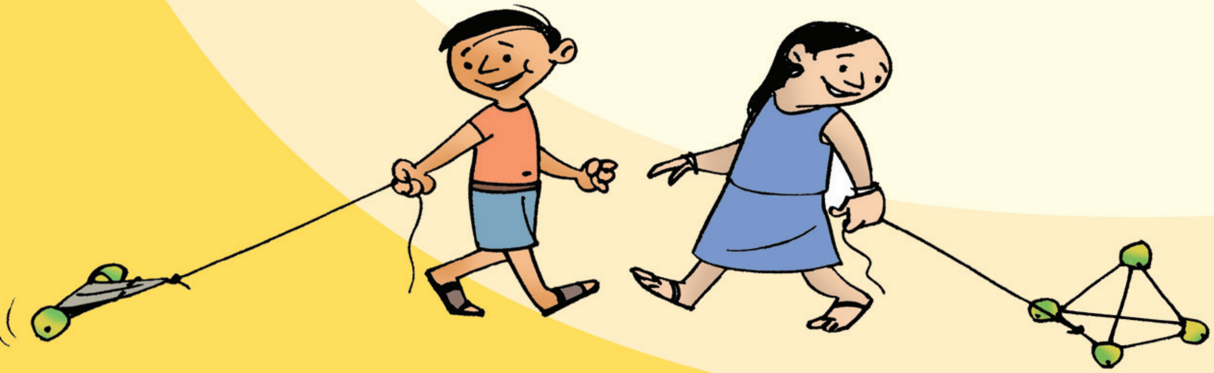
A toy cart

You will need five *machingas,* eight *eerkkil* bits of same length and a piece of thread.



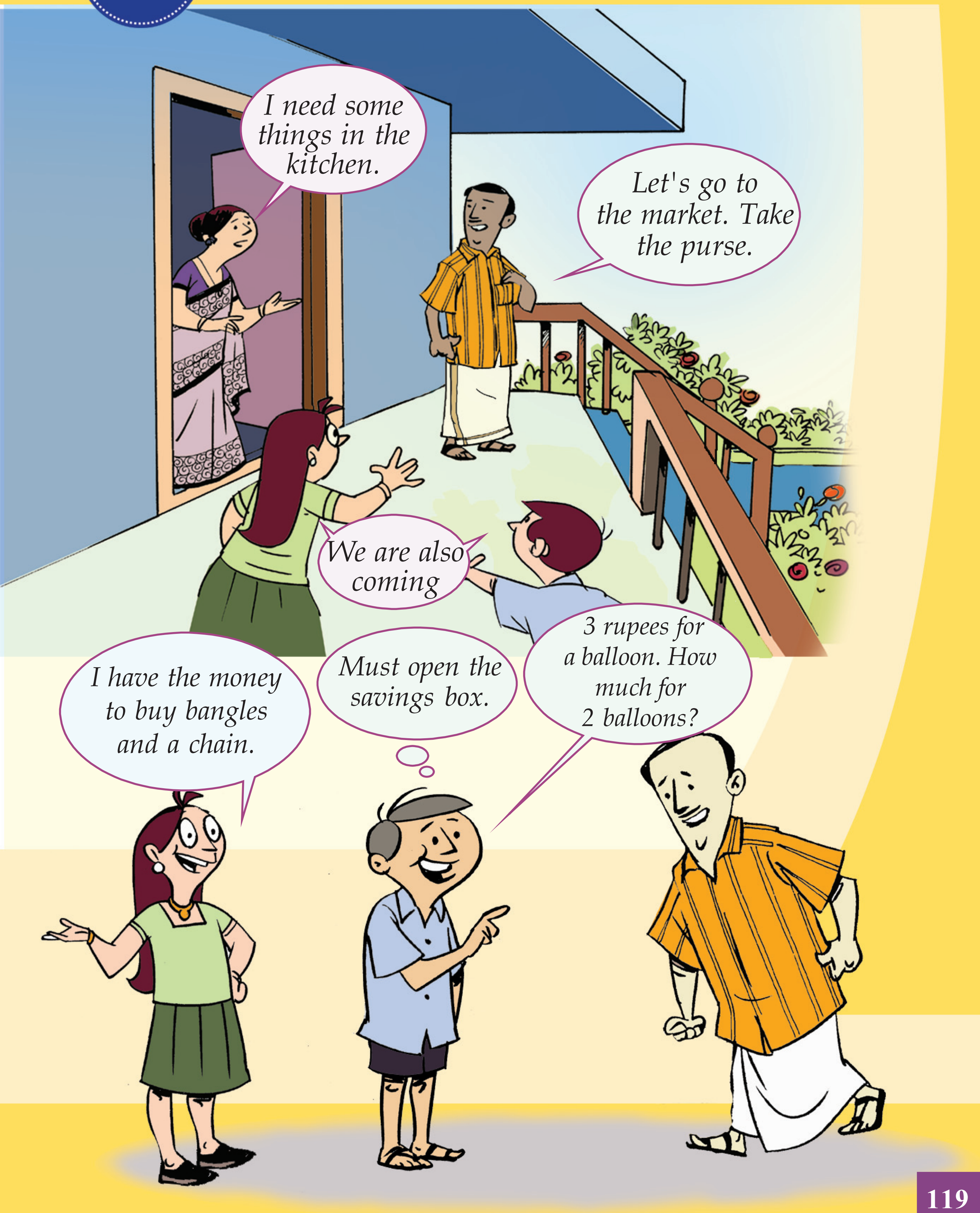
Stick the *eerkkil* bits in the *machingas* to make the toy cart like this.



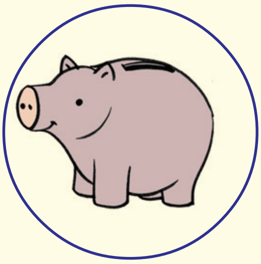


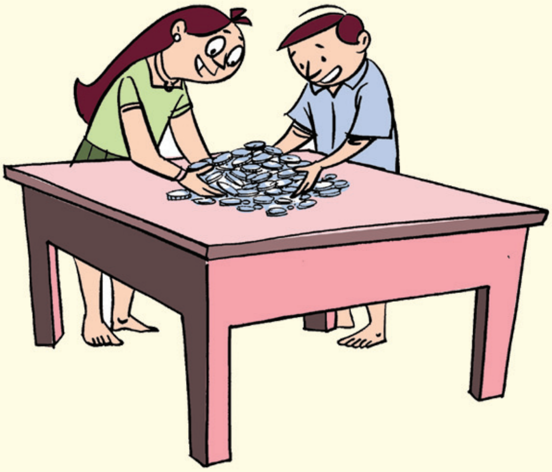
10

Rupee and Paise

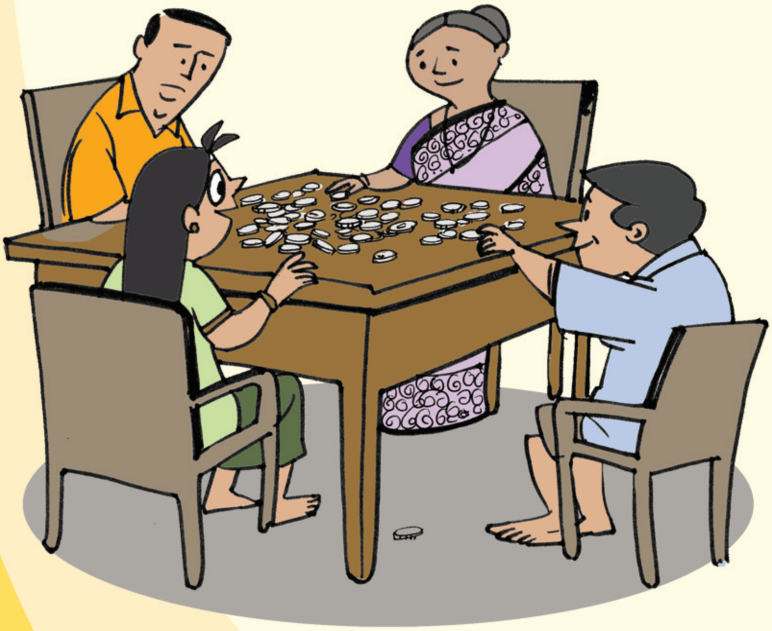

I need some things in the kitchen.
Let's go to the market. Take the purse.
We are also coming
I have the money to buy bangles and a chain.
Must open the savings box.
3 rupees for a balloon. How much for 2 balloons?

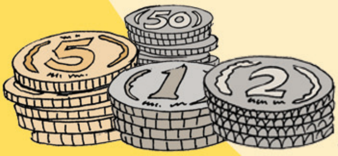
The savings box



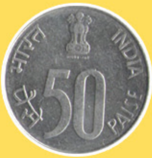


Let's sort the coins

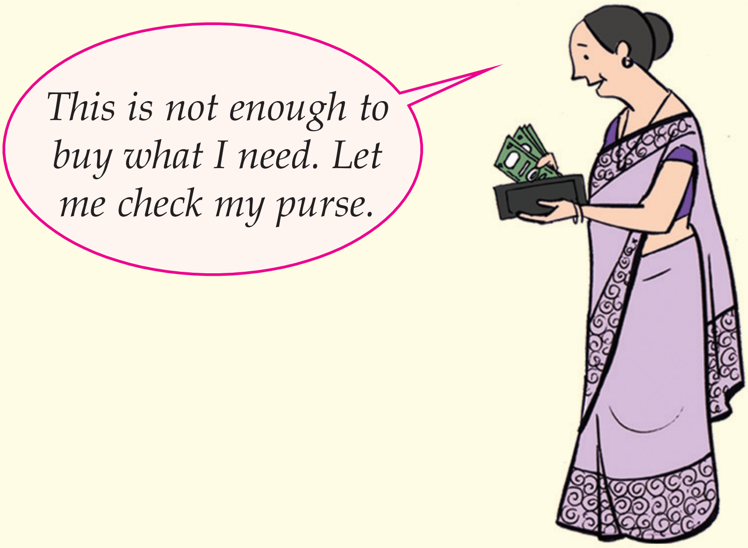


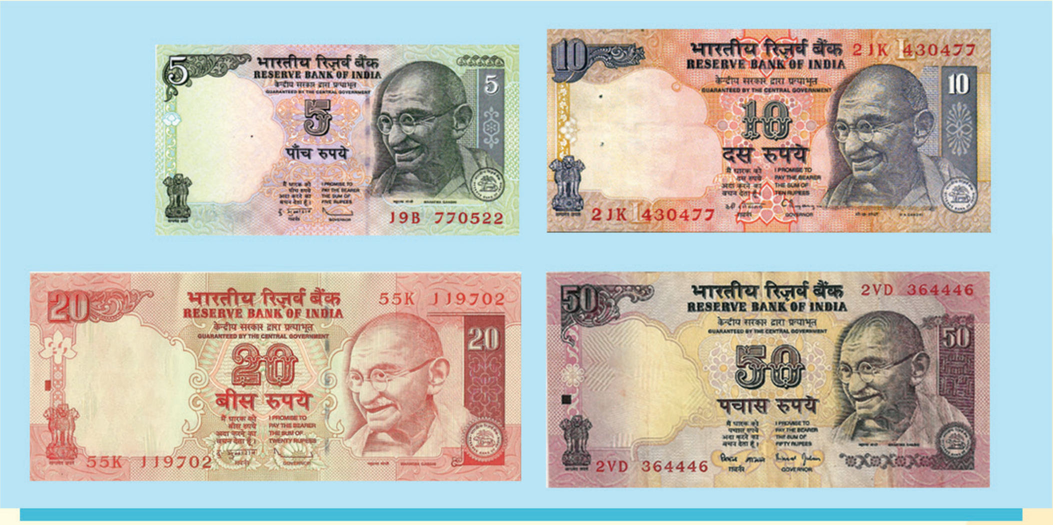


What all coins are here?


भारत
INDIA
50
PAISE

Which is this coin?


This is not enough to buy what I need. Let me check my purse.

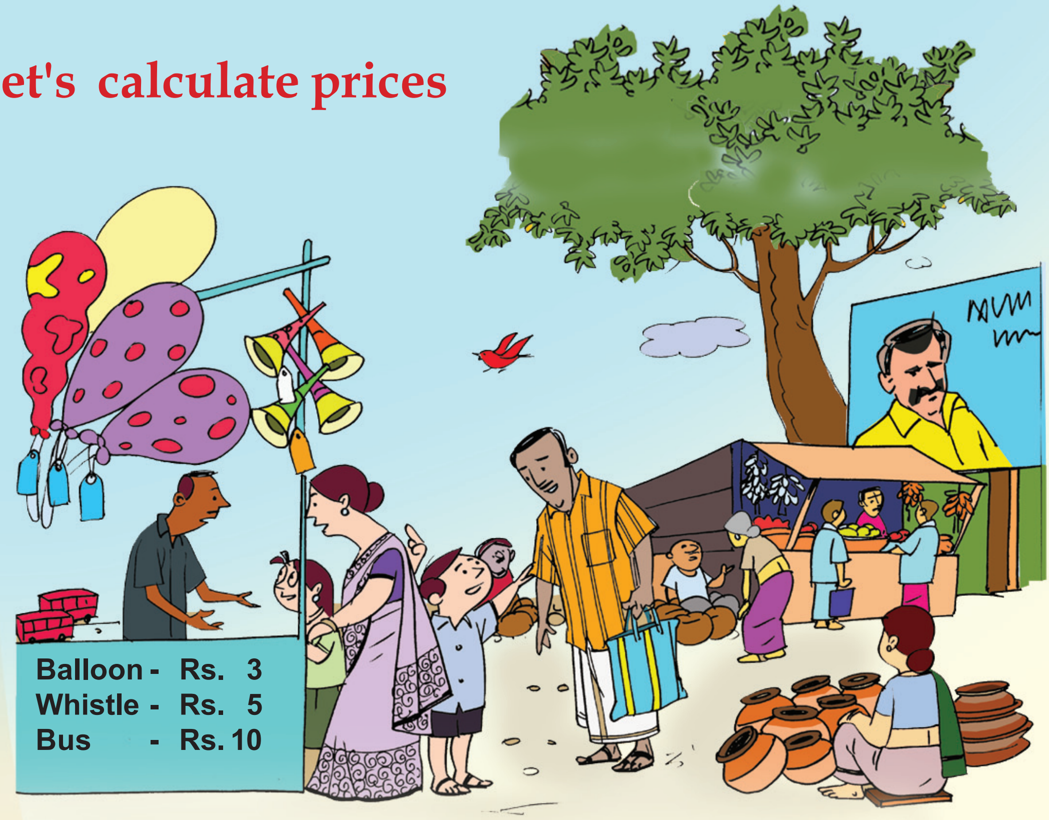

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
5
पाँच रुपये
J9B 770522
10
दस रुपये
2JK 430477
20
बीस रुपये
55K JJ9702
50
पचास रुपये
2VD 364446

Can you tell?

Whose picture do you see in all these notes?

Are all notes of the same size?

Let's calculate prices


Balloon - Rs. 3
Whistle - Rs. 5
Bus - Rs. 10

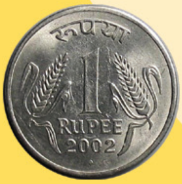
Price of a balloon .... Rupees.

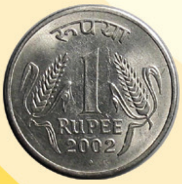
Price of a whistle .... Rupees.

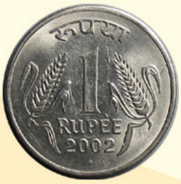
How much money to buy a balloon and a whistle for Vinu? ....

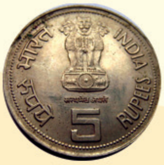
Which of these coins must be given?

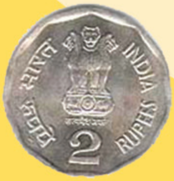
Put ✓ mark against them.

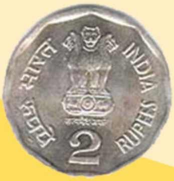

रुपया
1
RUPEE
2002


रुपया
1
RUPEE
2002


रुपया
1
RUPEE
2002


भारत
INDIA
रुपये
5
RUPEES


भारत
INDIA
रुपये
2
RUPEES

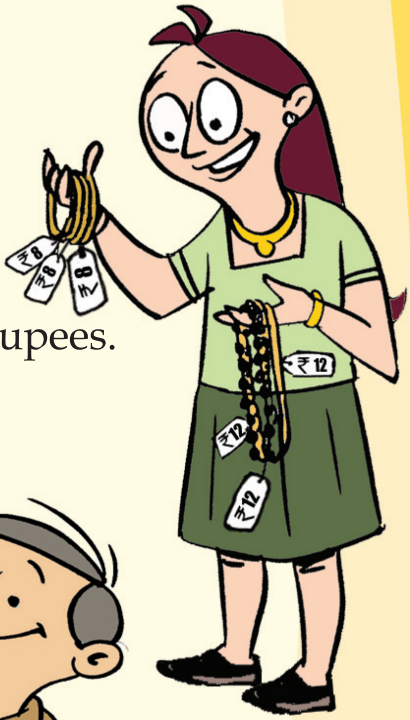

भारत
INDIA
रुपये
2
RUPEES

Find the total

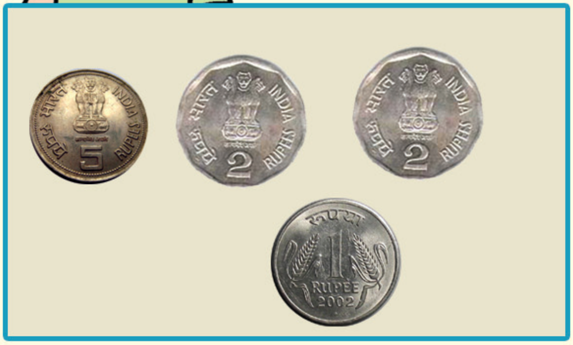
Price of a chain .... Rupees.

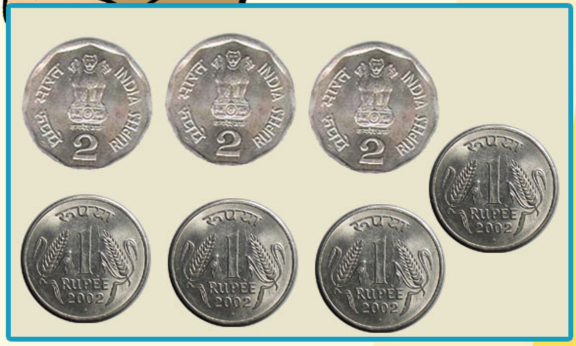
Price of a bangle .... Rupees.

Total price = ...+............ = ... Rupees.



Who has more?





Anu has ☐ rupees with her.

Vinu has ☐ rupees with him.

Which is correct? Put ✓ mark.

Anu has more. ☐

Vinu has more. ☐

They have equal amounts. ☐

Find the total

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
10
दस रुपये
2JK 430477

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
10
दस रुपये
2JK 430477

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
10
दस रुपये
2JK 430477

10 + 10 + 10 =

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
5
पाँच रुपये
19B 770522

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
5
पाँच रुपये
19B 770522

भारतीय रिज़र्व बैंक
RESERVE BANK OF INDIA
5
पाँच रुपये
19B 770522

5 + 5 + 5 =

भारत
INDIA
2
रुपये
RUPEES

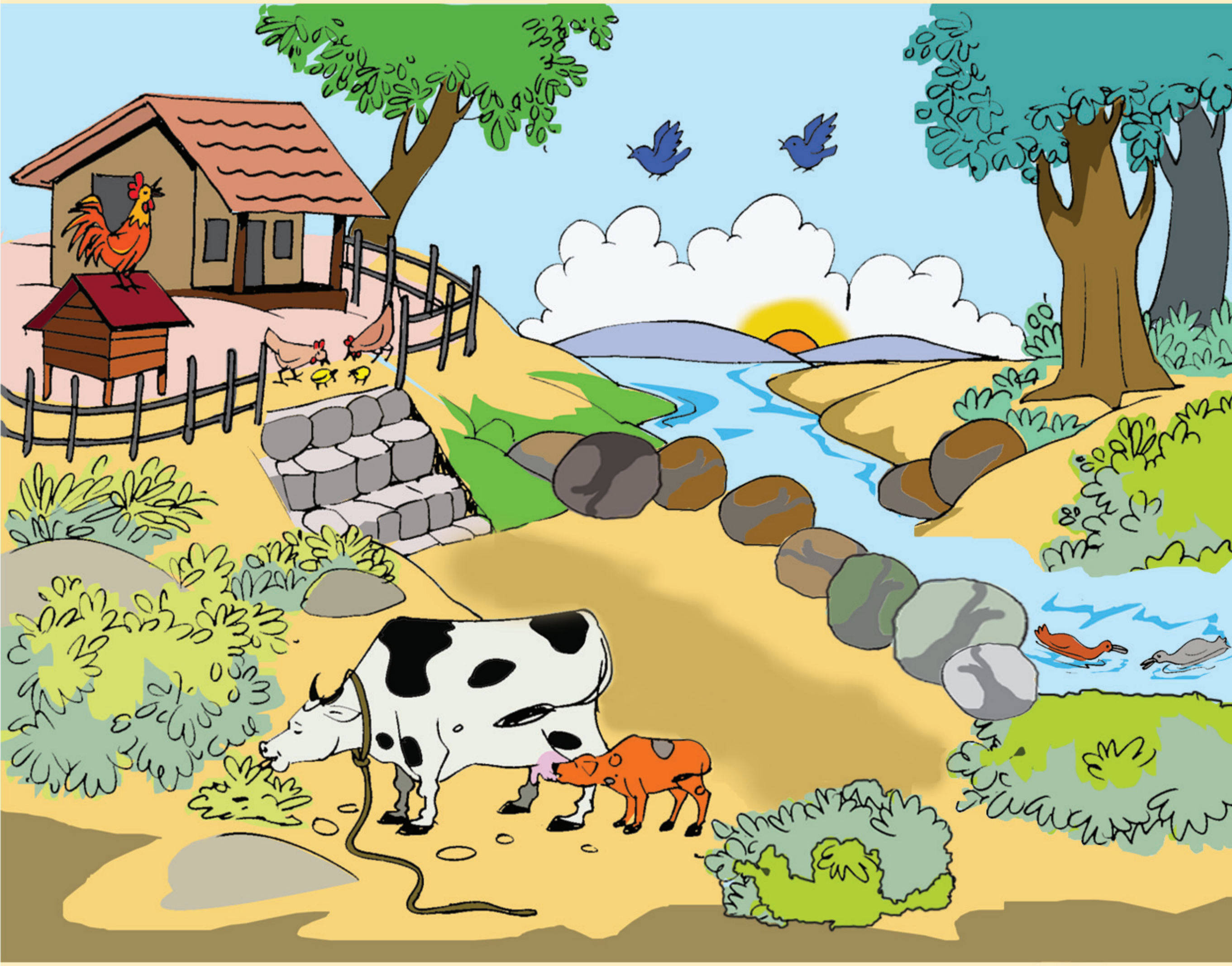
भारत
INDIA
2
रुपये
RUPEES

रुपया
1
RUPEE
2002

2 + 2 + 1 =

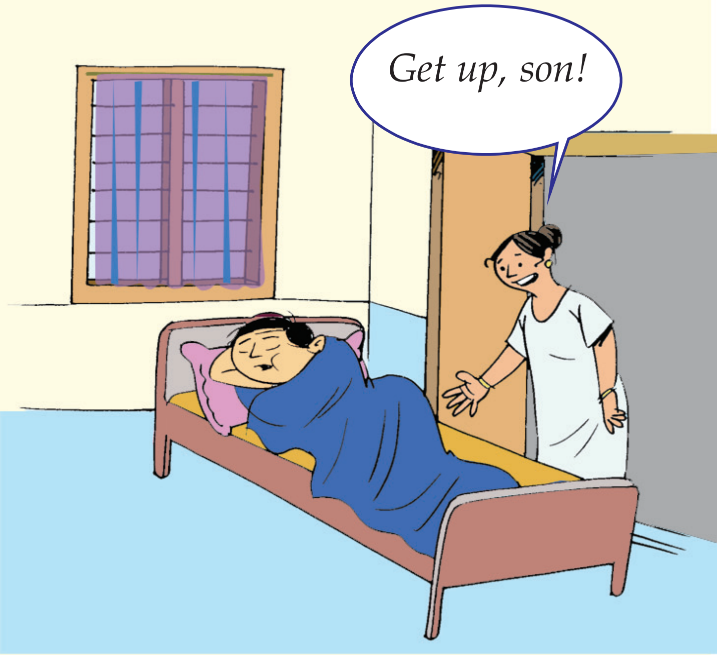
11 Time

The cock crowed.
The birds chirped.
It's daybreak...



Time

Which is correct?
Put ✓ mark.

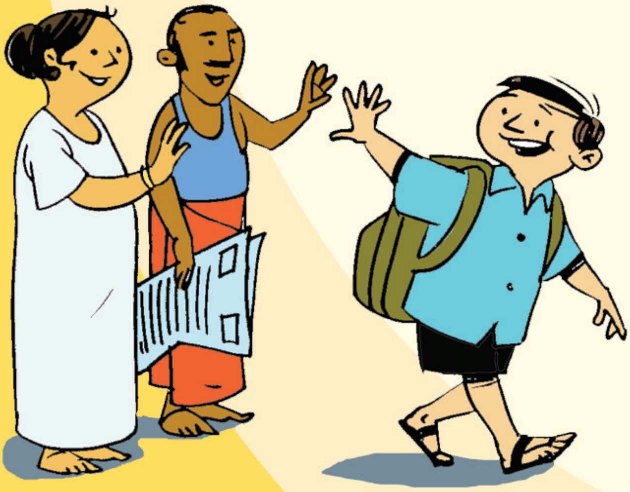


You went to bed at

night ☐ day ☐

You woke up in the

morning ☐ afternoon ☐ evening ☐



Who am I?

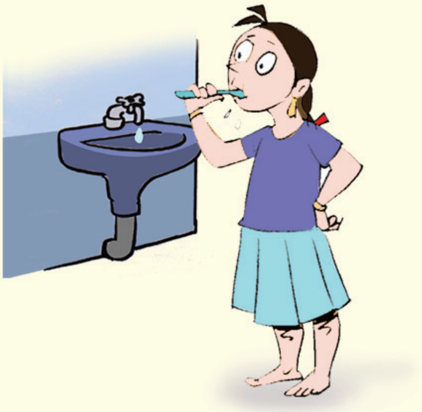
In the east at dawn
Over the head at noon
Down the sea at dusk
Can you say who I am?

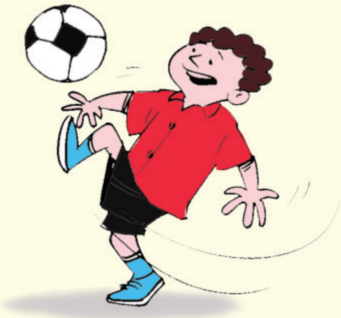
You went to school in the

morning ☐ evening ☐

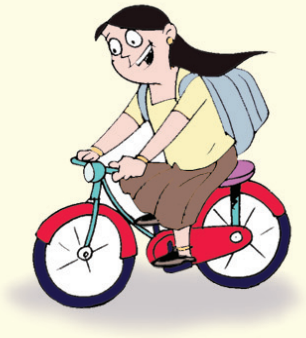
Which of these takes more time?

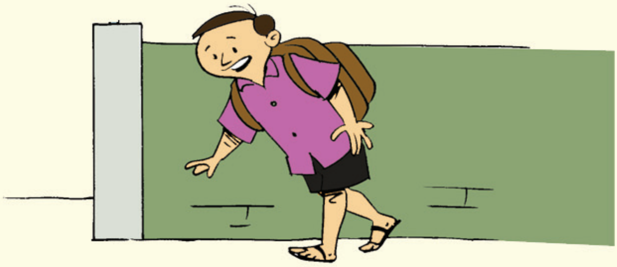
Put a ✓ mark.



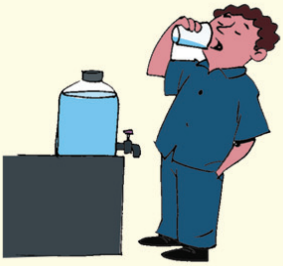


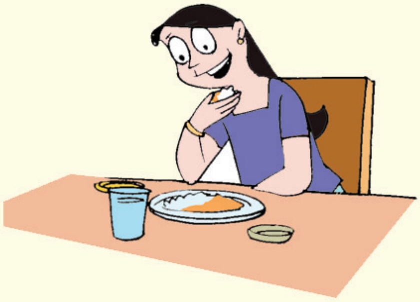
○ ○





○ ○

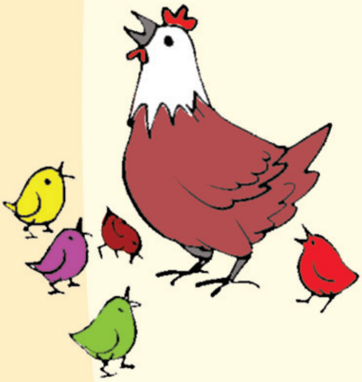


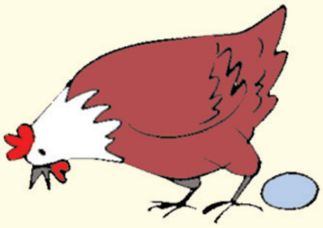


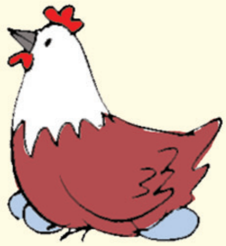
○ ○

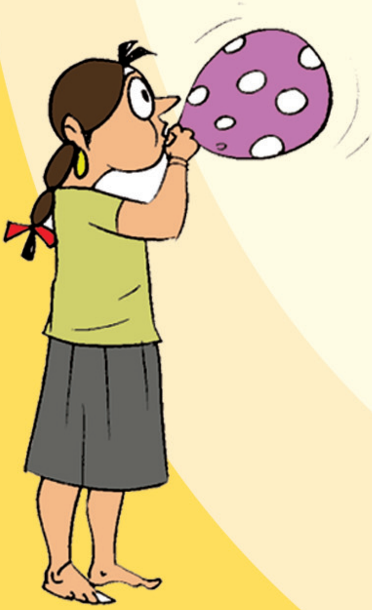
Write in the correct order.

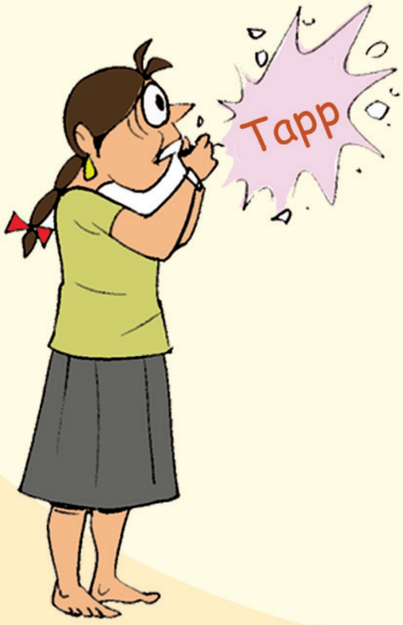
Begin, Later, End

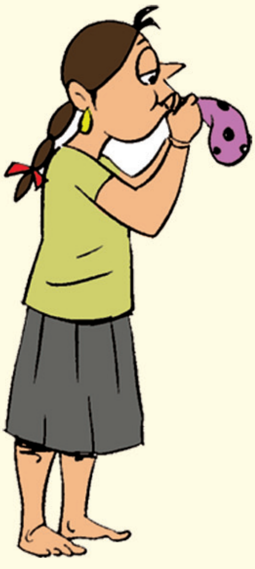




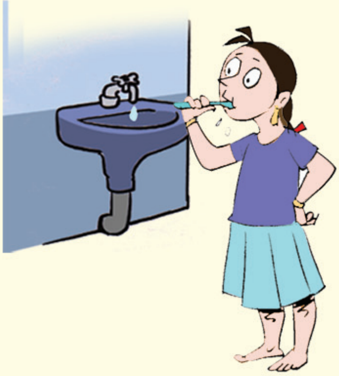


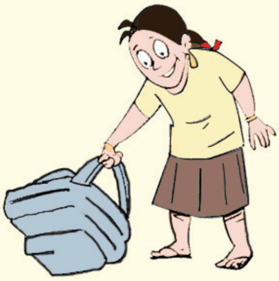


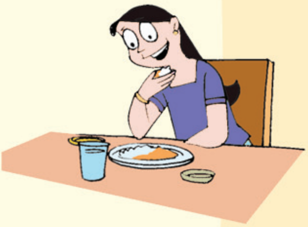


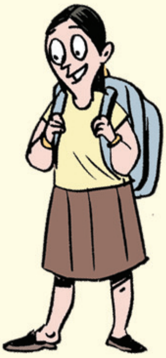


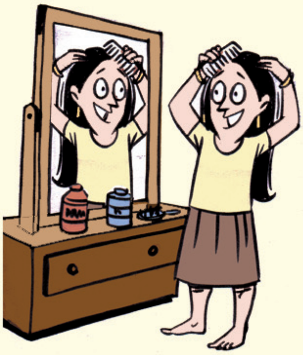
Anu doing many things.
Number them in the correct order.

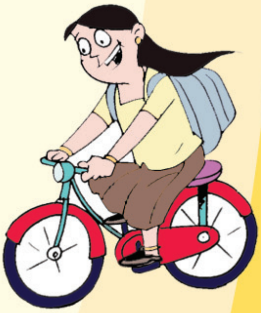












At what time?

Going to school.	Morning
The sun setting.	
Birds returning to nests.	
Getting the newspaper.	
End of School.	
Eating lunch.	

Let's find out

How many days are there in a week?

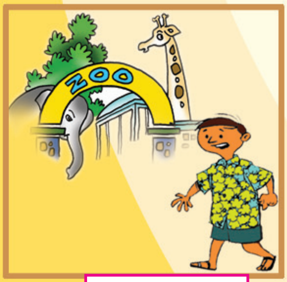
Which is the first day?

Which is the last day?

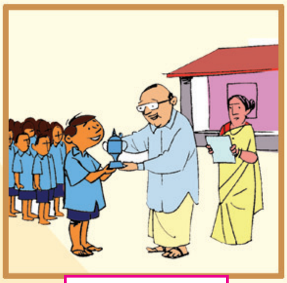
Sunday, Monday,
Tuesday, Wednesday
Then Thursday, Friday, Saturday
Every week has seven days
Say them aloud in the right order.

Write the seven days of a week in order.

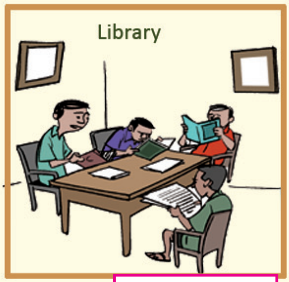
Vinu's week



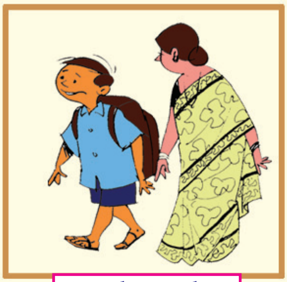
Sunday



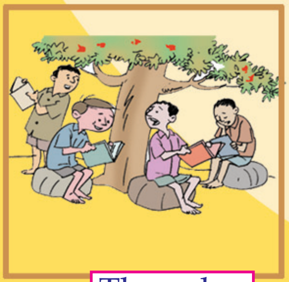
Monday



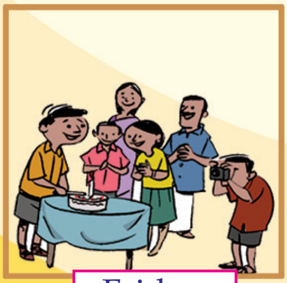
Tuesday



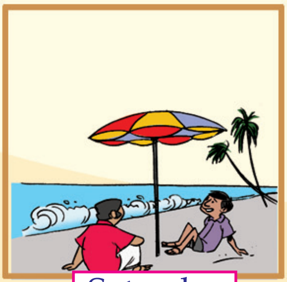
Wednesday



Thursday



Friday



Saturday

Write an important thing you did each day of the last week.

Sunday ____________________

Monday ____________________

Tuesday ____________________

Wednesday ____________________

Thursday ____________________

Friday ____________________

Saturday ____________________

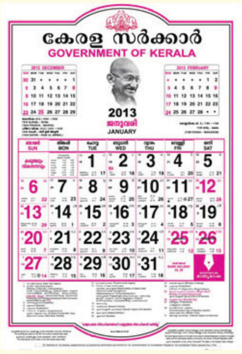
Which are the school holidays?

Which day comes between Monday and Wednesday?

Fill the blanks

Today	Monday	Anu has to go to school.
Tomorrow		She has to go to the Library.
Day after tomorrow		Assembly in the school.
Yesterday		School holiday.

Calendar



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GOVERNMENT OF KERALA

2013

ജനുവരി

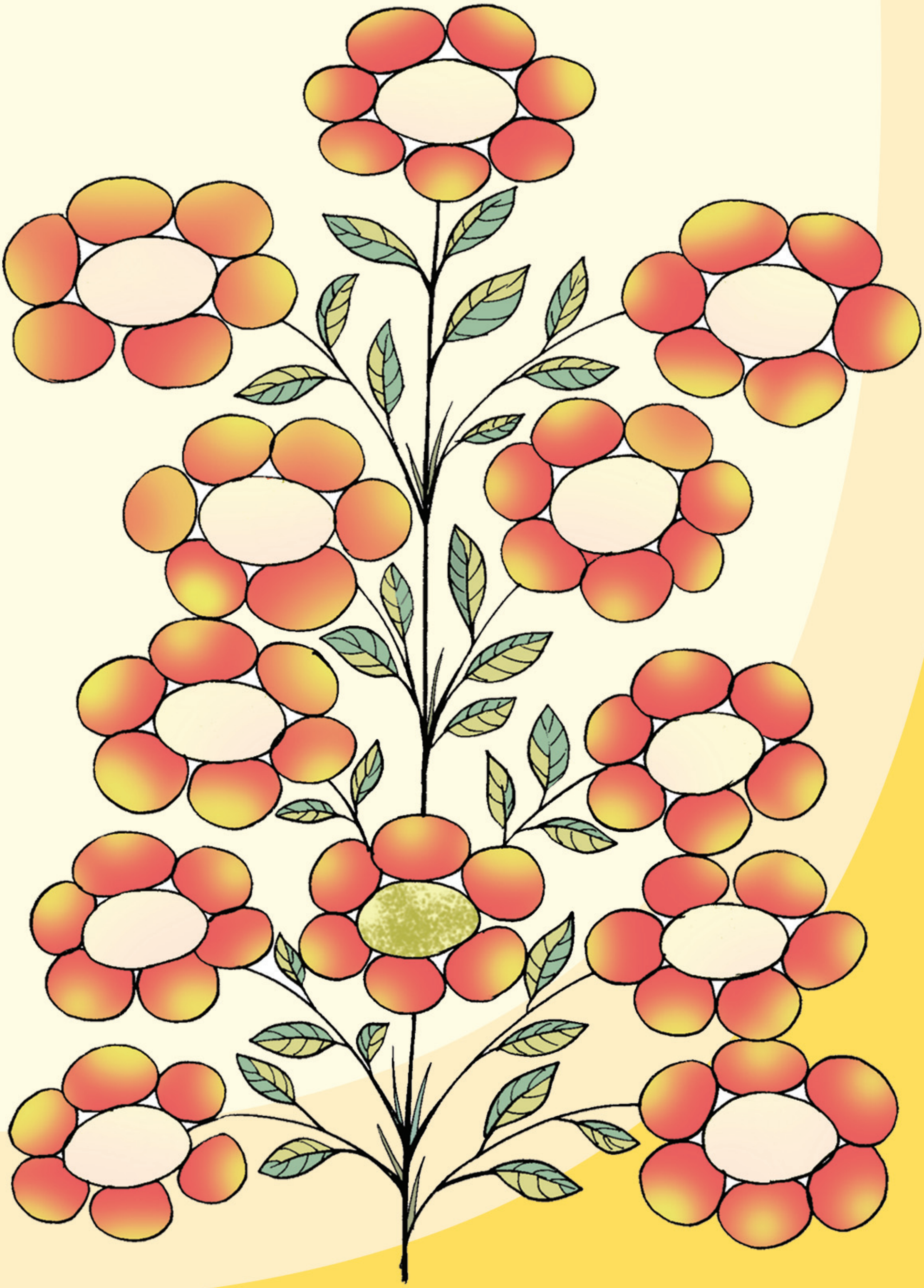
JANUARY

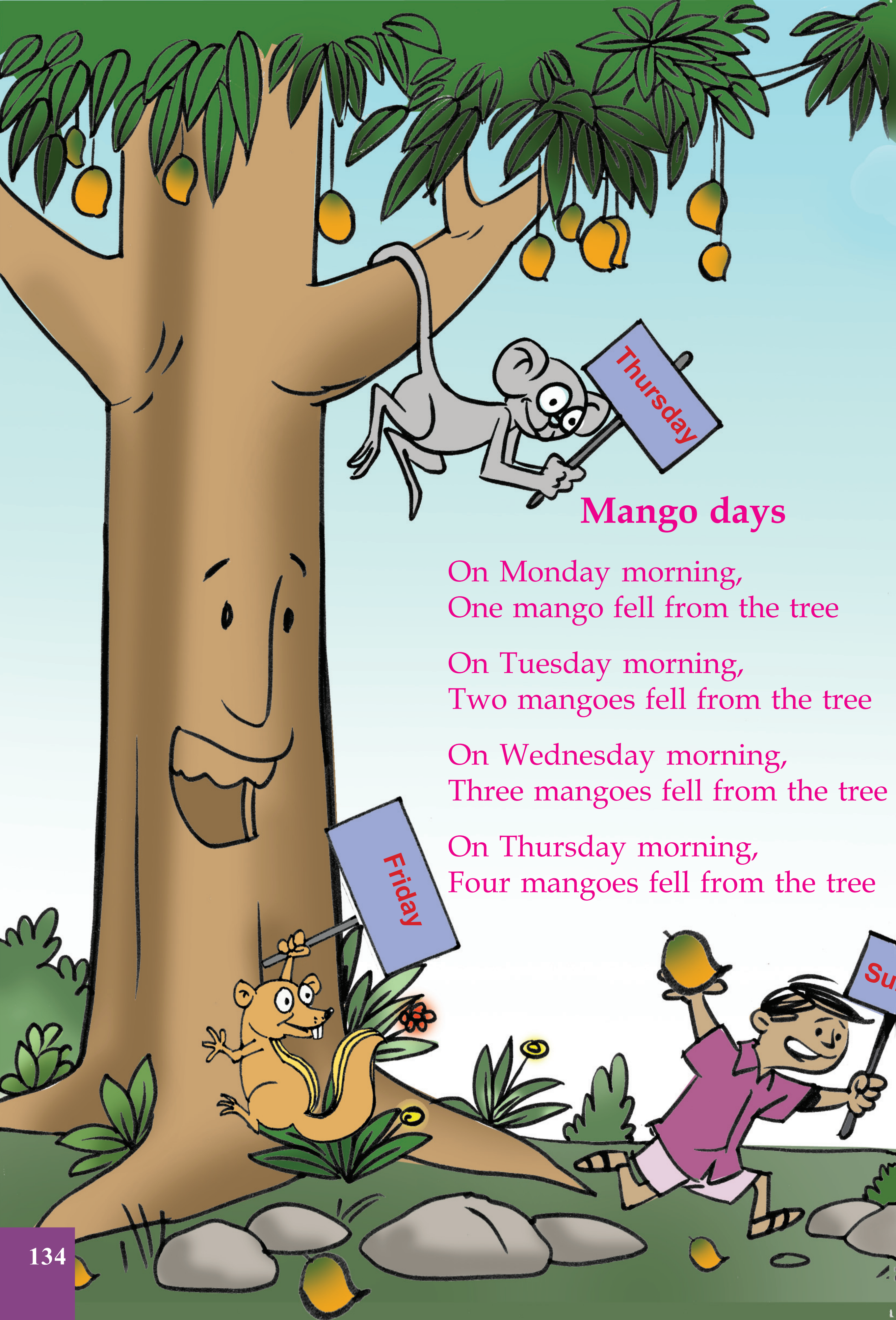
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Write the months in the calendar in order.

Who? When?

Label each flower with the name of a month.
Find the months on which some of your friends were born and write their names in those flowers.





Mango days

On Monday morning,
One mango fell from the tree

On Tuesday morning,
Two mangoes fell from the tree

On Wednesday morning,
Three mangoes fell from the tree

On Thursday morning,
Four mangoes fell from the tree

On Friday morning,
Five mangoes fell from the tree

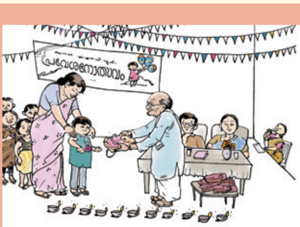
On Saturday morning,
Six mangoes fell from the tree

On Sunday morning,
Seven mangoes fell from the tree

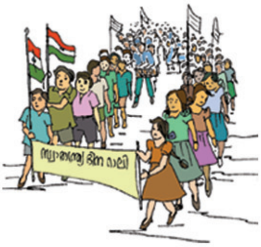
On all these days together,
How many mangoes fell from the tree?

Monday
Saturday
Wednesday
nday
Tuesday

Find out the month



School Starts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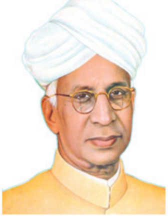
Independence Day

Gandhi Jayanthi

Children's Day



Teachers' Day

Republic Day