

MATHEMATICS

Standard I

Part - I



Government of Kerala

DEPARTMENT OF EDUCATION

State Council of Educational Research and Training (SCERT);
Kerala

2016

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.

Prepared by :

State Council of Educational Research and Training (SCERT)

Poojappura, Thiruvananthapuram 695012, Kerala

Website : www.scertkerala.gov.in

e-mail : scertkerala@gmail.com

Phone : 0471 - 2341883, Fax : 0471 - 2341869

Typesetting and Layout : SCERT

First Edition : 2014, Reprint : 2016

Printed at : KBPS, Kakkanad, Kochi-30

© Department of Education, Government of Kerala



Dear friends,

This book is set with the aim to make learning of mathematics interesting.

Major activities are intended to be done with the help of teachers.

Mathematical concepts included in this book are to be attained from the experiences from the surroundings.

Try to aquire them through games, observation and experiments.

With love,

Dr. P. A. Fathima
Director, SCERT



TEXTBOOK DEVELOPMENT TEAM

PARTICIPANTS

Ajeesh Kumar T.B.

H.S.A., GHS Mannamkandam, Idukki

Carmaly P.A.

LPSA, H.F.A.S.B.S. Kumbala

P.P. Prabhakaran Nair

HSA (Rtd.) Palora High School, Kozhikode

Bareesh V.P.

A.M.L.P.S. Farook, Kozhikode

Manoj T.N.

H.S.A. G.M.H.S. Palakuzha, Ernakulam

K.R. Muralidharan Pillai

Senior Lecturer DIET Kollam

Muhammad Abdulla K.M.

Govt. Boys H.S.S. Manjeri, Malapuram

Sasidharan V.P.

P.D. Teacher, G.H.S.S.

Ravaneshwaram, Kasaragod

Sreekumar C.G.

P.D. Teacher, Govt. Co-operative LPS

Irumpanangad, Kollam

C.V. Sajeevan

Kariyil, ALPS Thurthi, Kasaragod

Habeeb Rahman

H.S.A. G.H.S. Irumbuzhi, Malapuram

EXPERTS

Venugopal C.

Asst. Professor, Govt. College of Teacher Education, Thiruvananthapuram

Dr. Sunny Lukose

Deputy Director of Collegiate Education (Rtd.) Ernakulam

ARTISTS

Azeez K.S.

DEO Office, Muvattupuzha

Kunhiraman P.C.

DIET, Ernakulam

Jijeesh P.B.

RDTE, Kothamangalam

Rakesh

Neyyadam, Thiruvananthapuram

Harikumar K.B.

Kazhakootam, Thiruvananthapuram

Hari Charutha

Nemam, Thiruvananthapuram

Academic Co-ordinator

Dr. Lidson Raj. J

Research Officer, SCERT

ENGLISH VERSION

Dr. Lidson Raj.J

Asst. Professor

Govt. Brennen College of Teacher

Education, Thalassery

Venugopal C.

Asst. Professor, Govt. College of Teacher

Education, Thiruvananthapuram

Dr. E. Krishnan

Professor (Retd), University College,

Thiruvananthapuram

Muhamed A

H.M., ZMHS, Poolamagalam,

Malappuram

ARTIST

Binu Johnson

Associate Editor, Design Detail, Kochi

Academic Co-ordinator

Arun Jyothi. S. Research Officer, SCERT



State Council of Educational Research and Training (SCERT)

Vidya Bhavan, Poojappura, Thiruvananthapuram - 695012



Contents



1. THARA'S HOME 6



2. MANU'S MISCHIEF 16



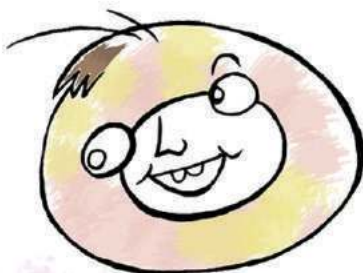
3. MANU'S DREAM 28



4. LET US UNITE FOR ONAM 35

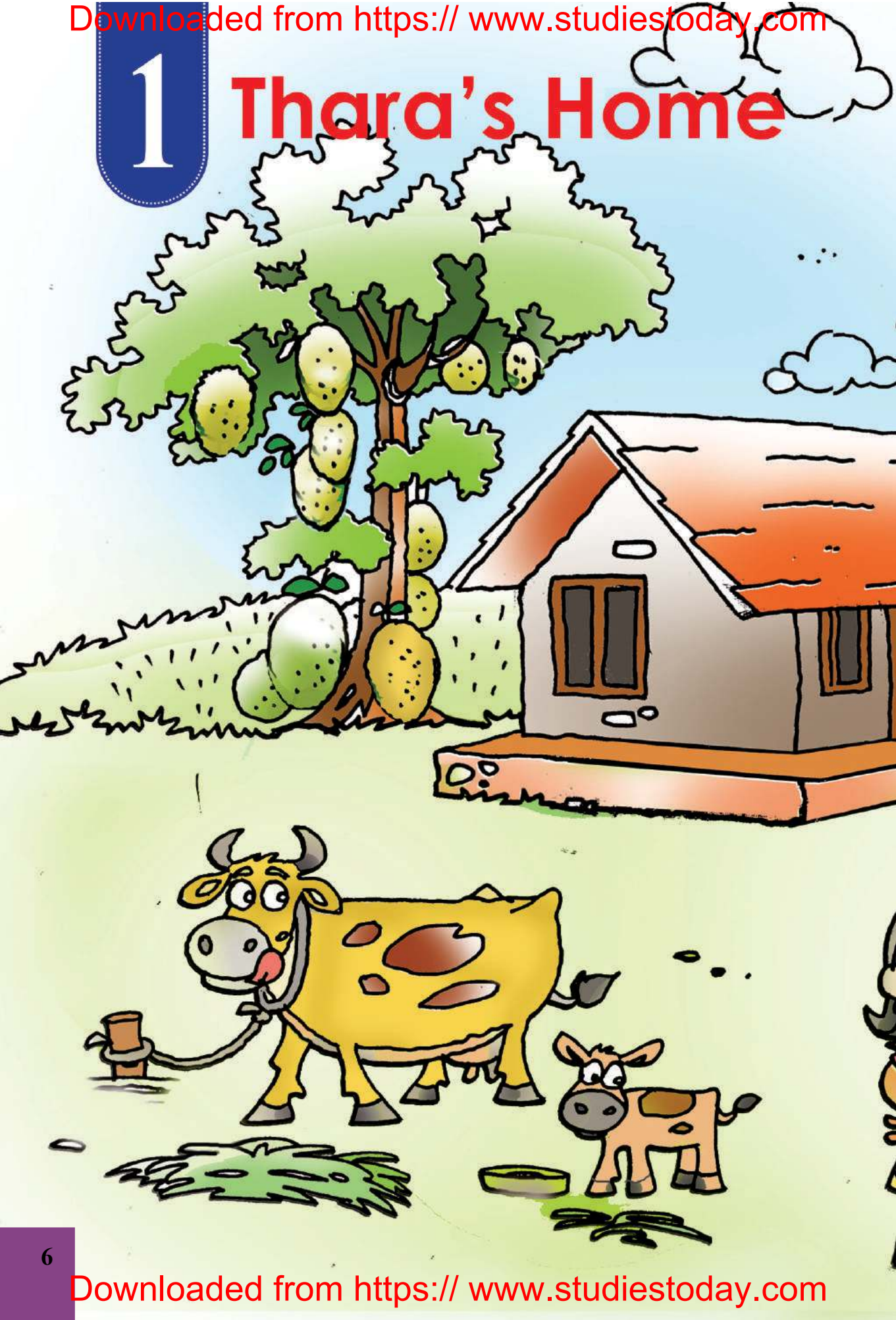


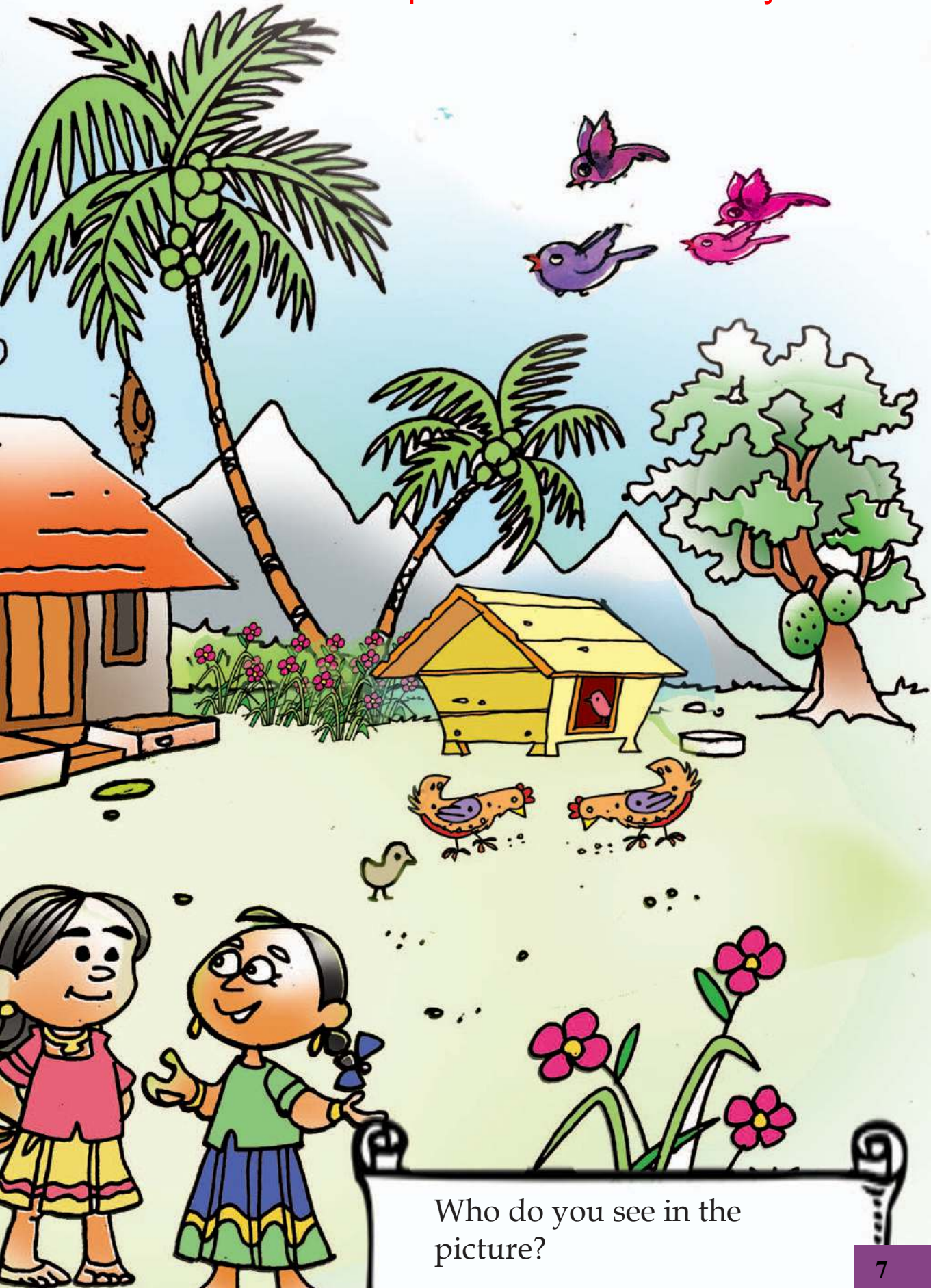
5. LET US COUNT 59



1

Thara's Home





Who do you see in the picture?

Thara came to see Meenu.

A *big* cow and
a *small* calf.

Come on
Meenu, see my
Nandinikutty.



| | | |
|---|--|---|
| <p>Which is bigger? Put ✓ mark.</p> |  |  |
|---|--|---|

The hen is *outside*.
And the chicks?

They are *inside*.



| | | |
|---------------------------------------|---|---|
| <p>Who is inside? Put ✓ mark.</p> |  |  |
|---------------------------------------|---|---|

Look! The crow's nest is on the *top*. There must be eggs.

Oh! There are ants here at the *bottom*.



Who is at the bottom?
Put ✓ mark.



There is a nest on the *taller* coconut tree.

There is a squirrel on the *shorter* coconut tree.



Put ✓ mark on the shorter one





The jackfruit of this *big* tree taste like honey.

More jackfruits on the big tree and less jackfruits on the *small* tree.

Which is less? Put ✓ mark.



Who's at the front?
Who's at the back ?

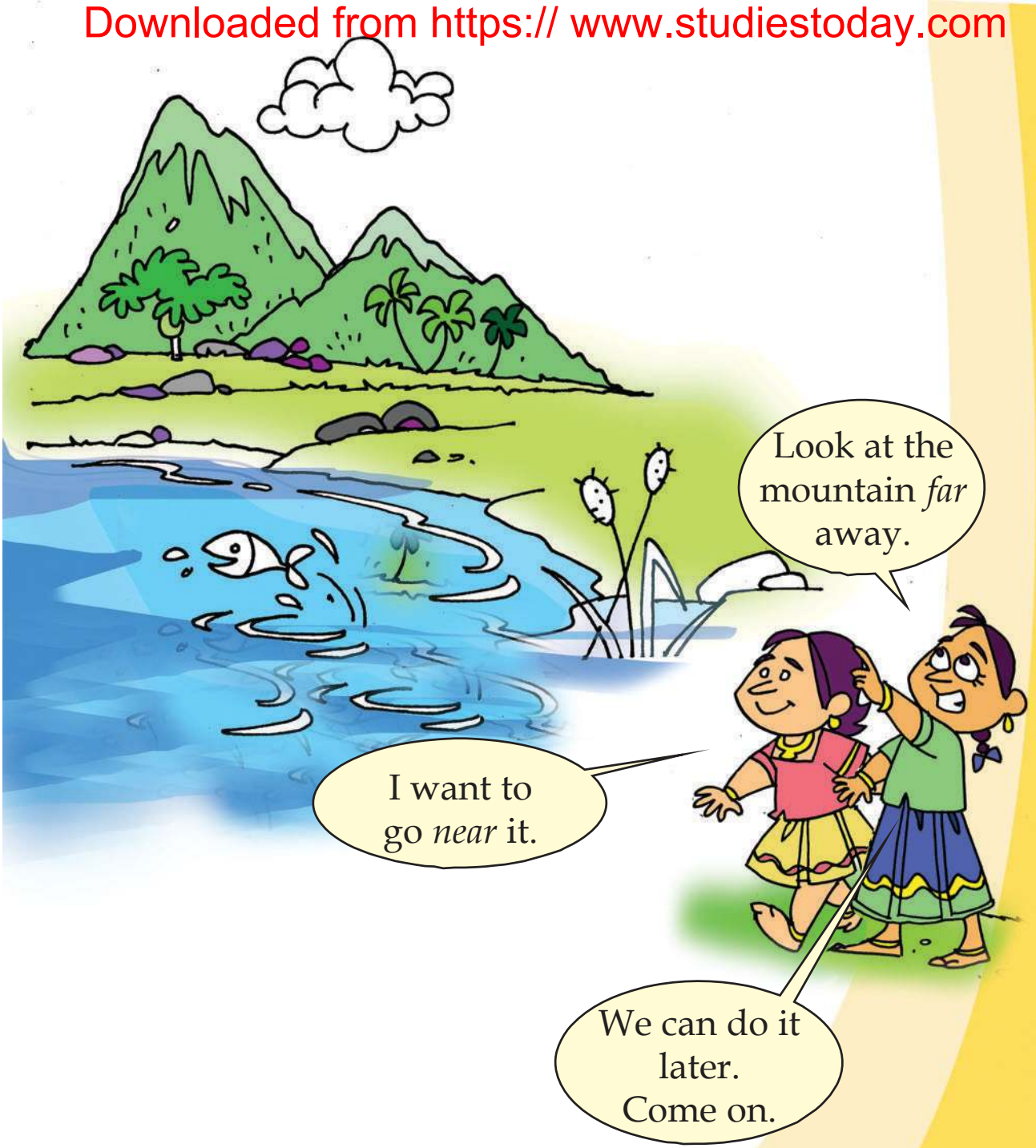
Thara walked in front of Meenu as they went to the pond.

There is spinach at the *right* side and plantains at the *left*.

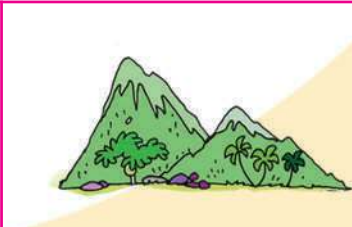


Which one is at Thara's left side? Put ✓ mark.

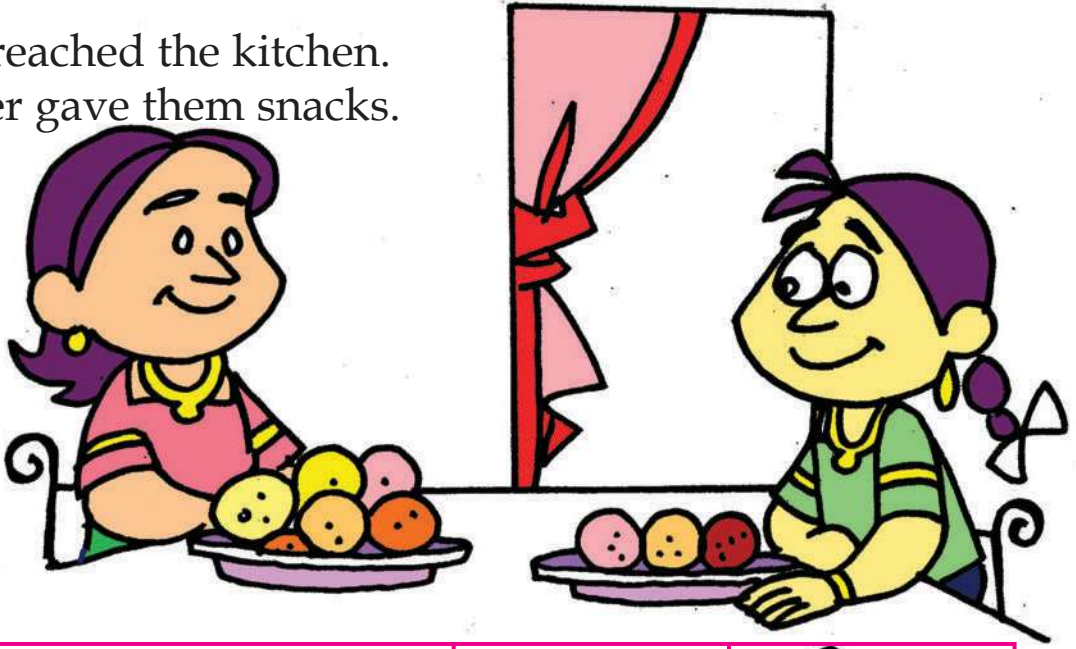




Which one is nearer?
Put ✓ mark.



They reached the kitchen.
Mother gave them snacks.

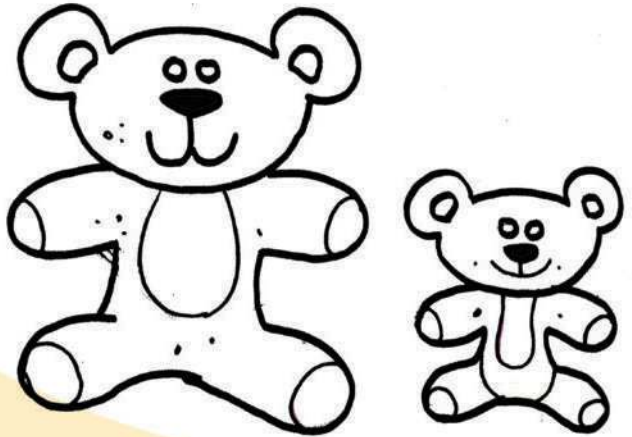


Who has more?
Put ✓ mark.

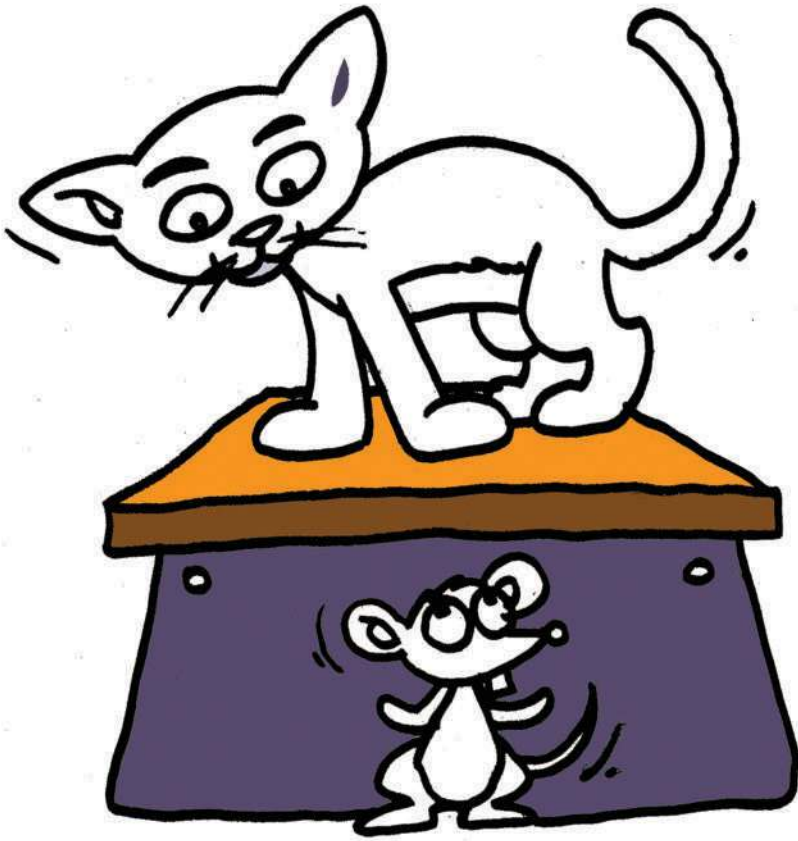


Wow!
Beautiful
dolls!

These are
my dolls.



Colour the small doll.

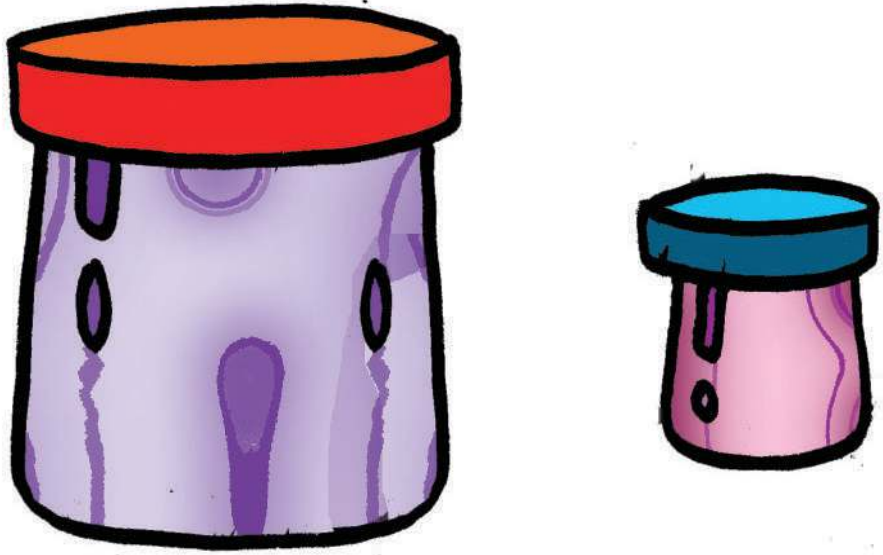


Colour the one on the top of the box.



Colour the cat in front of Thara.

Which is small ? Draw a circle.



Which tree is far? Draw a circle around it.

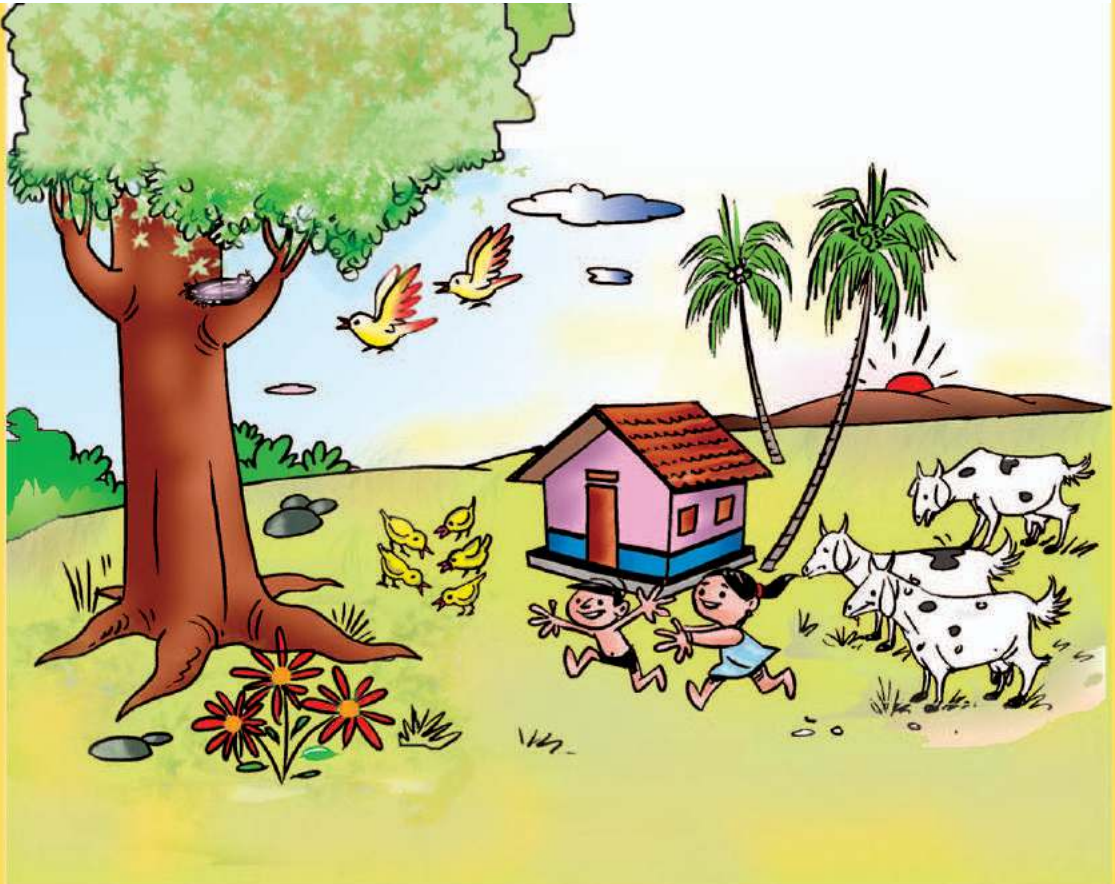


Who's inside? Who's outside?
Colour the one who is outside.



2

Manu's Mischief



So many groups!





Two birds built a nest.



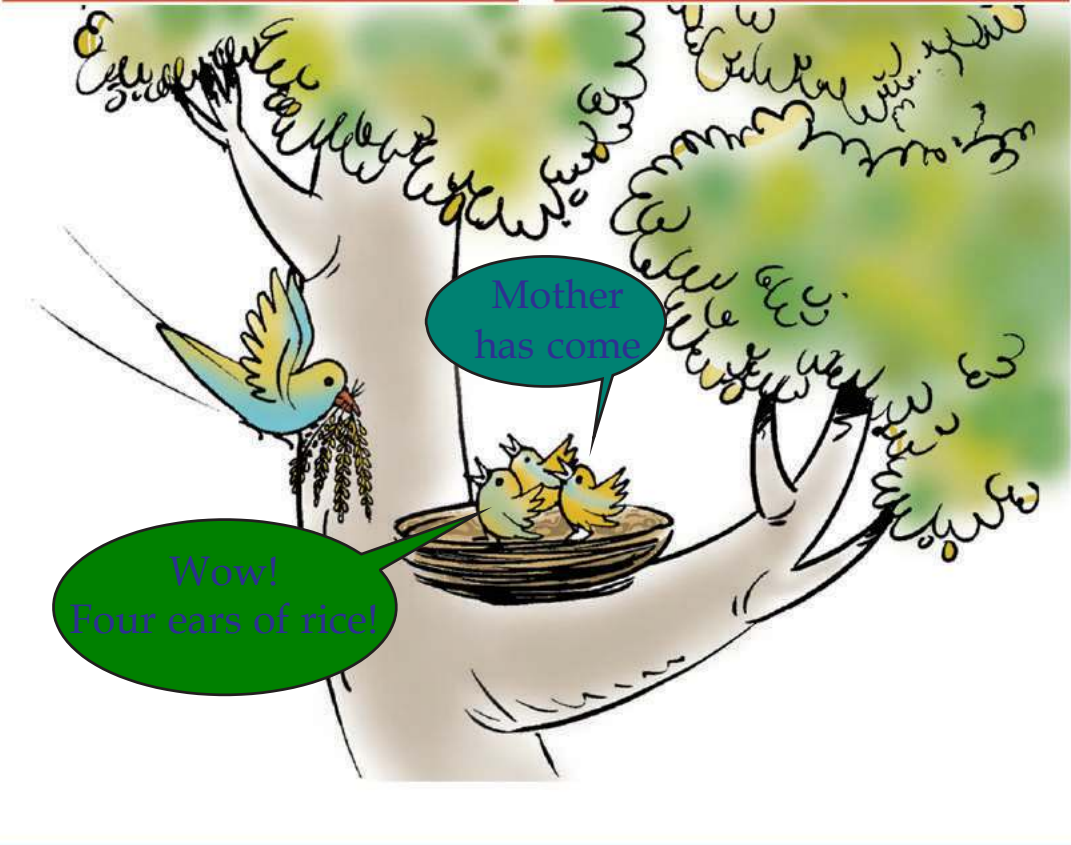
A good nest, beautiful nest.



The bird laid eggs. One, two, three! Three eggs.

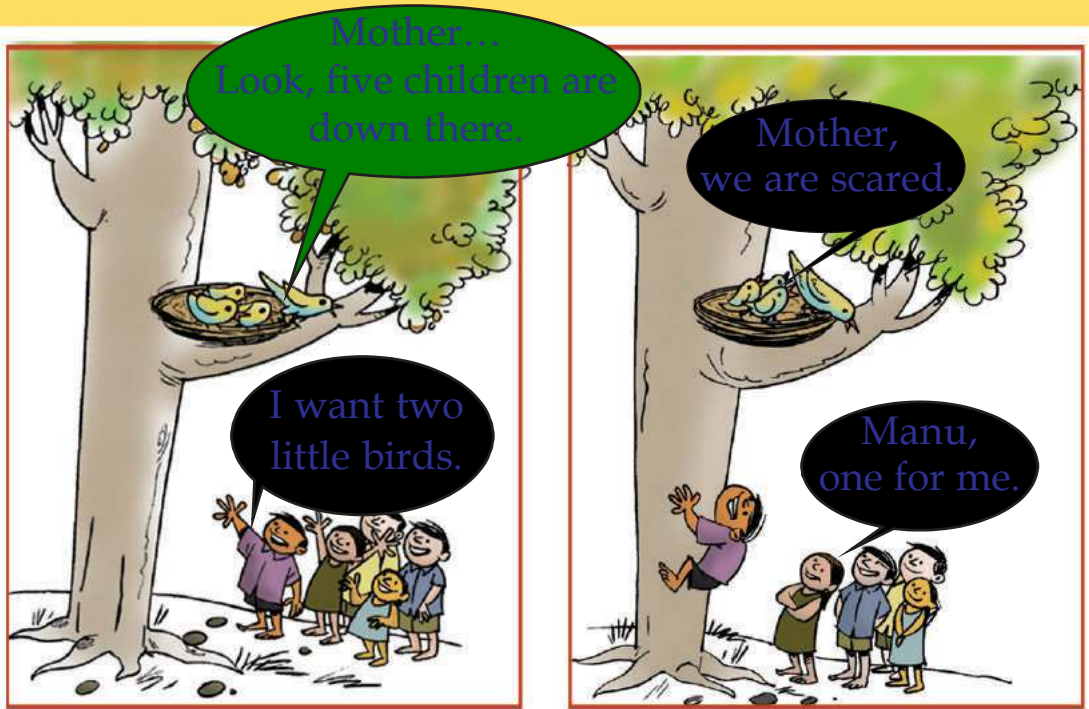


All three hatched. Three small birds.

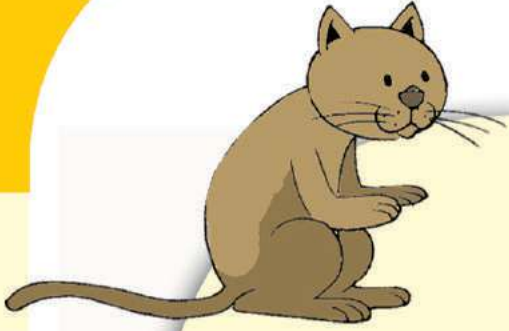


Mother has come

Wow! Four ears of rice!



Let us sing a song



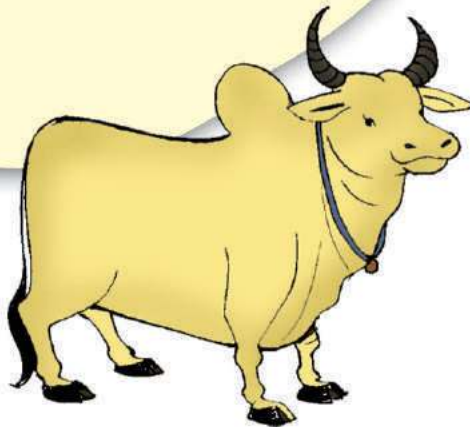
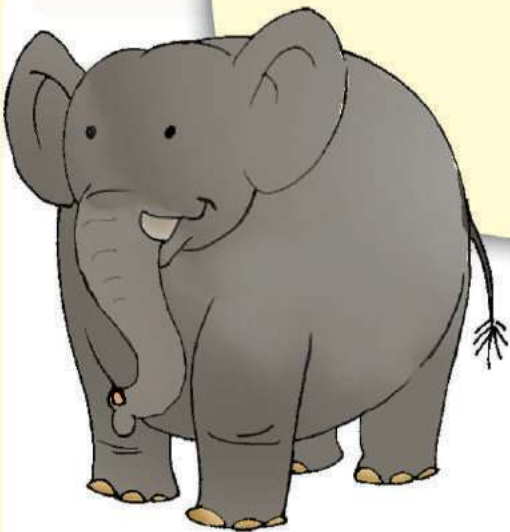
Elephant has one long Trunk
One and only one.

Bull has two long horns
Two and only two.

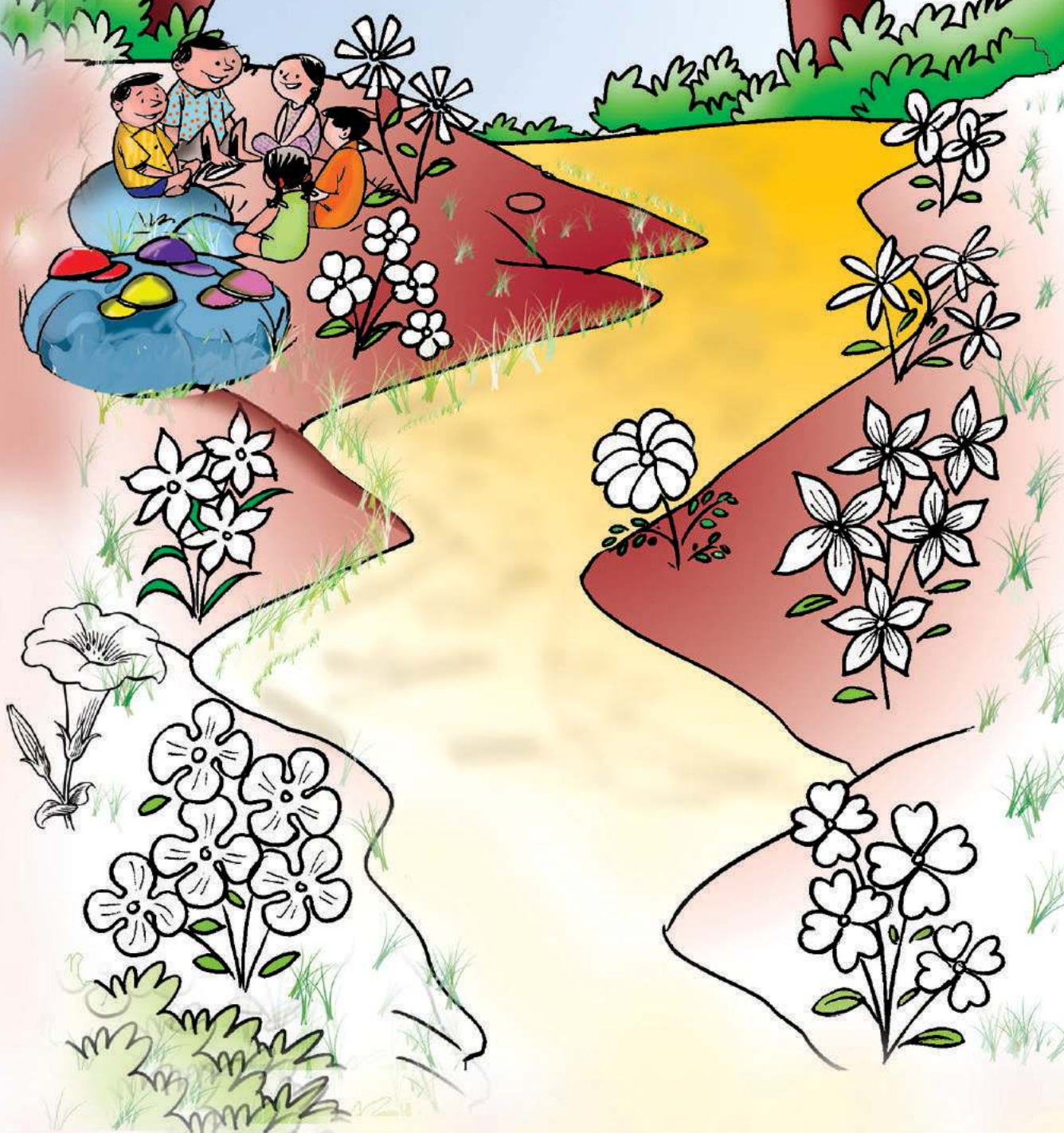
Coconut has three eyes
Three and only three.

Cat has four short legs
Four and only four.

Each hand has five fingers
Five and only five.








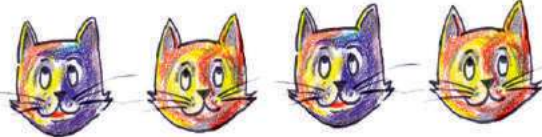
To the garden...



Look at the different plants.
Which plants have the same number of flowers?
Give them the same colour.

Friends at the garden

Count and draw dots.

| | |
|---|--|
|  |  |
|  | |
|  | |
|  | |
|  | |

Flowers.. Flowers.. Everywhere..



Flowers, flowers everywhere
One of them is blue
Blue Pea is blue

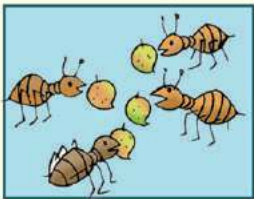
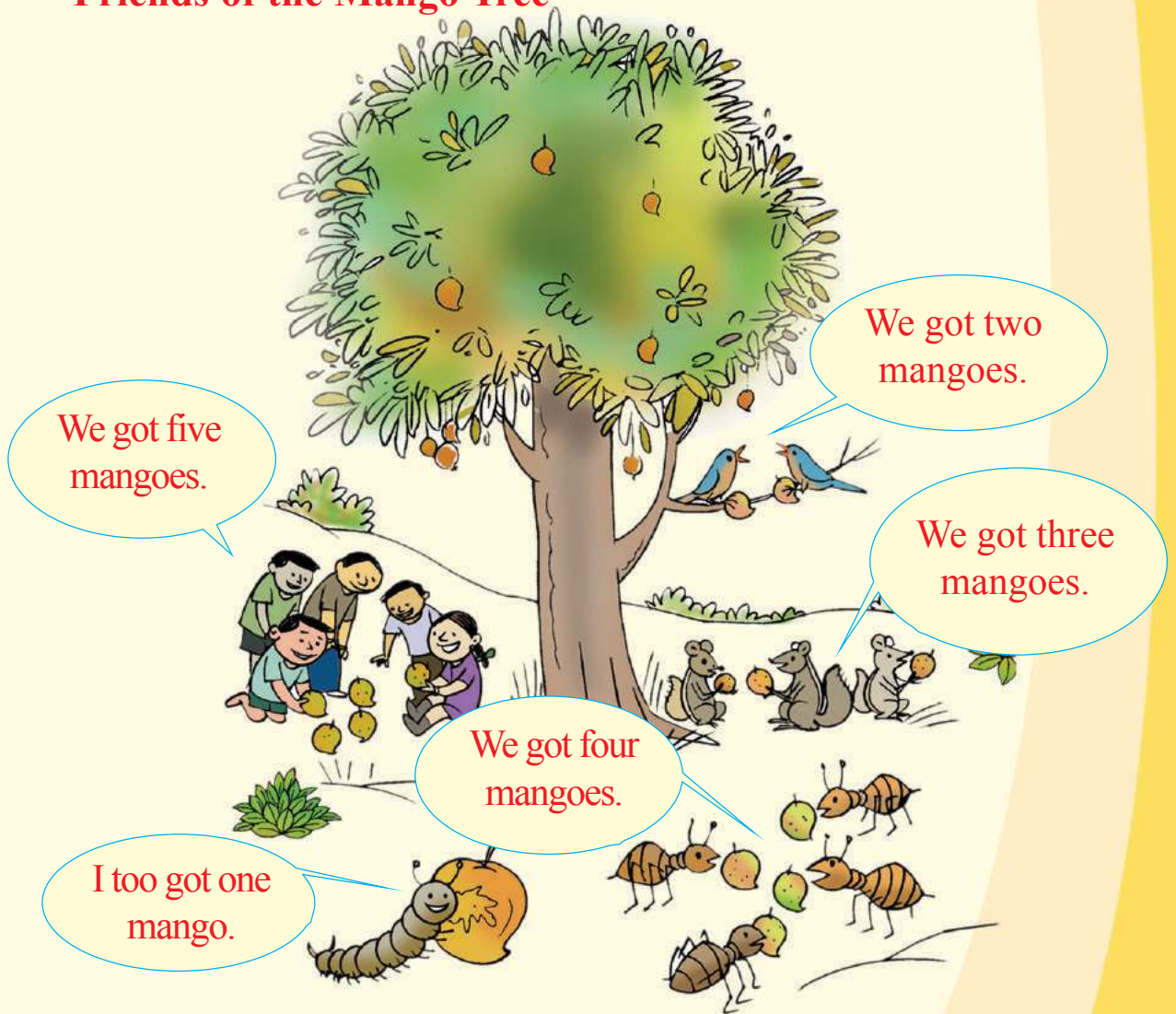
Flowers flowers everywhere
Two of them are Roses
Colour of Rose is rose

Flowers flowers everywhere
Three of them are yellow
Marigold is yellow

Flowers flowers everywhere
Four of them are red
Hibiscus is red

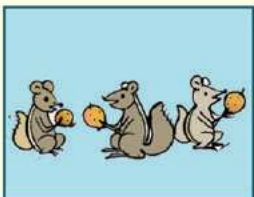
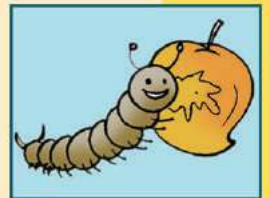
Flowers flowers everywhere
Five of them are white
Jasmine is white.

Friends of the Mango Tree



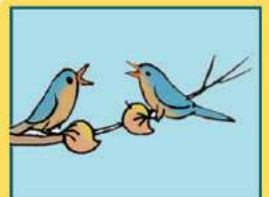
We are four.
We have
4 mangoes.

I am one.
I have
1 mango.



We are three.
We have
3 mangoes.

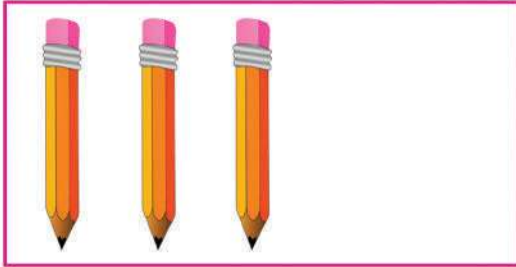
We are two.
We have
2 mangoes.



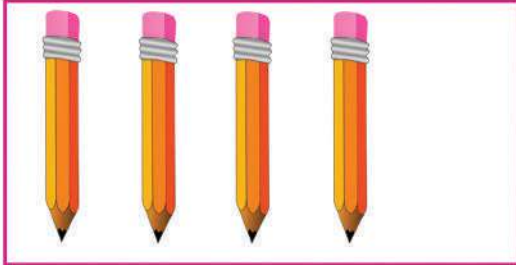
We are five.
We have
5 mangoes.

How many?

Match with numbers



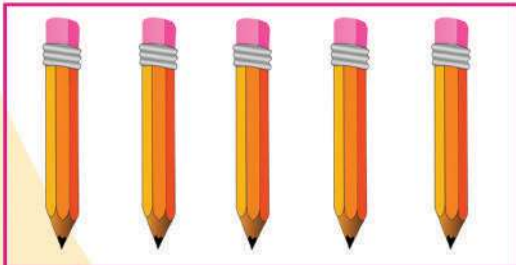
1



2



3



4



5

Count and write the number

1

Two cats

Two turtles

Two caterpillars

Three birds

Three butterflies

Three airplanes

Four padlocks

Four mice

Four keys

Four oranges

Five coconuts

Let us match

Look at the numbers on the slate.

Count the different things in the cupboard.

Do they match?



How many are in the cupboard?

Spoon

Pot

Tumbler

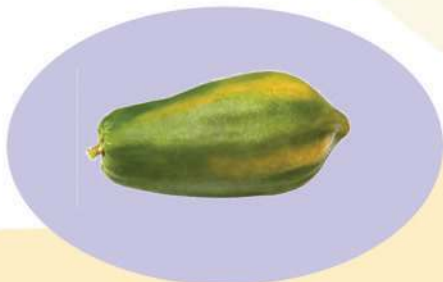
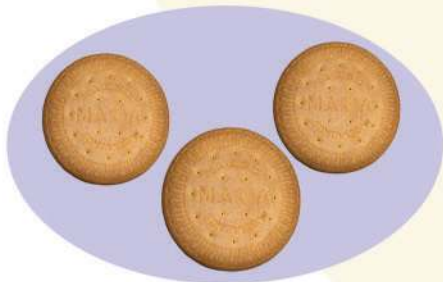
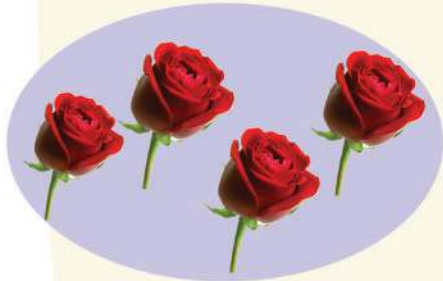
Cup

Lunch box

Some are missing.

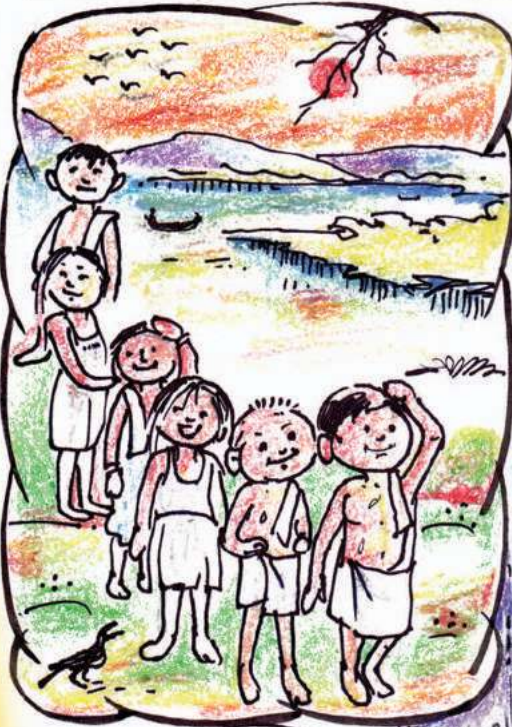
Put an X mark in the other slate for the missing.

Count and write



3

Manu's Dream

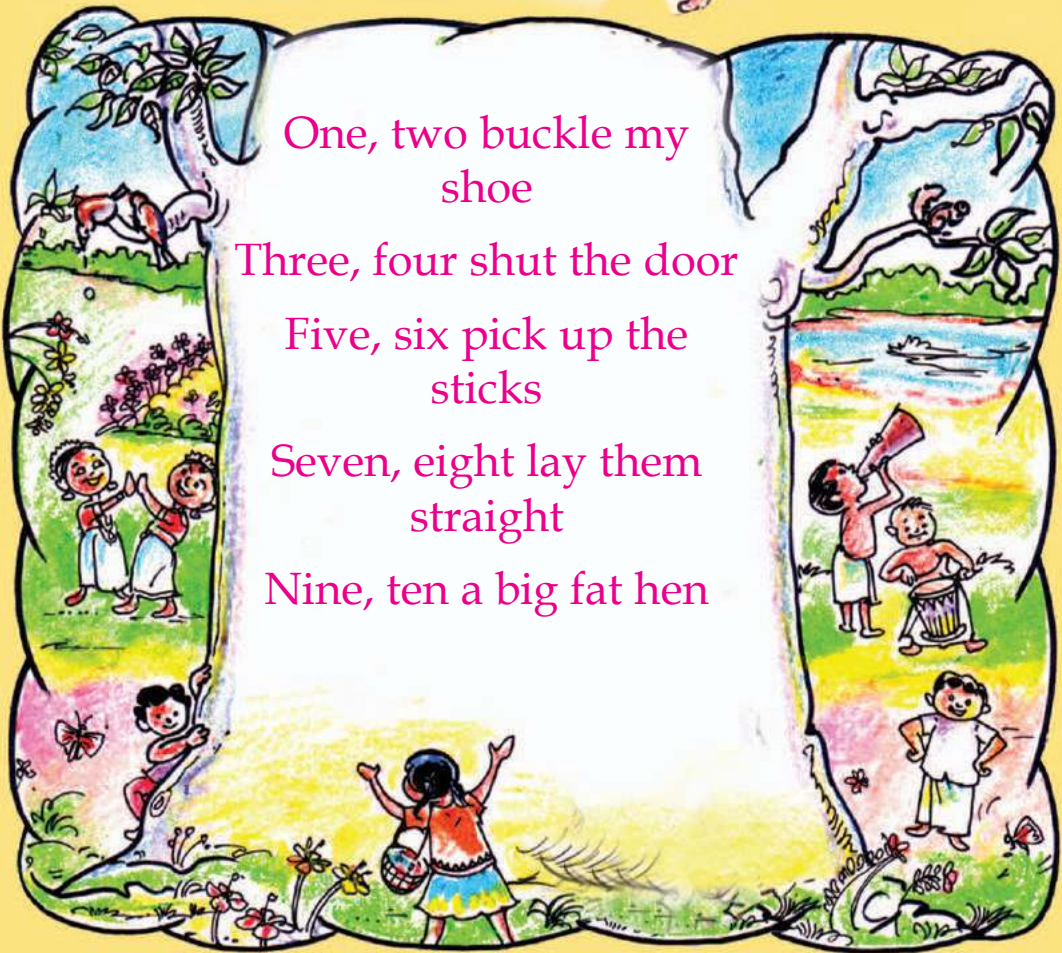




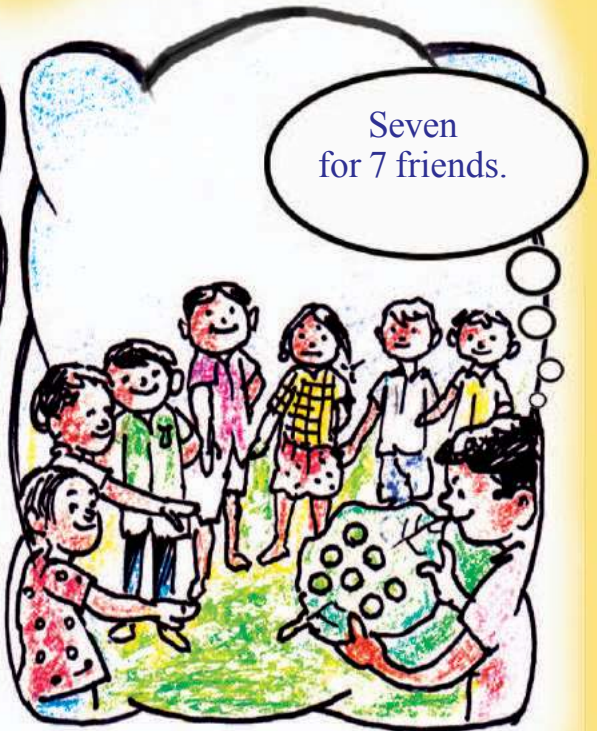
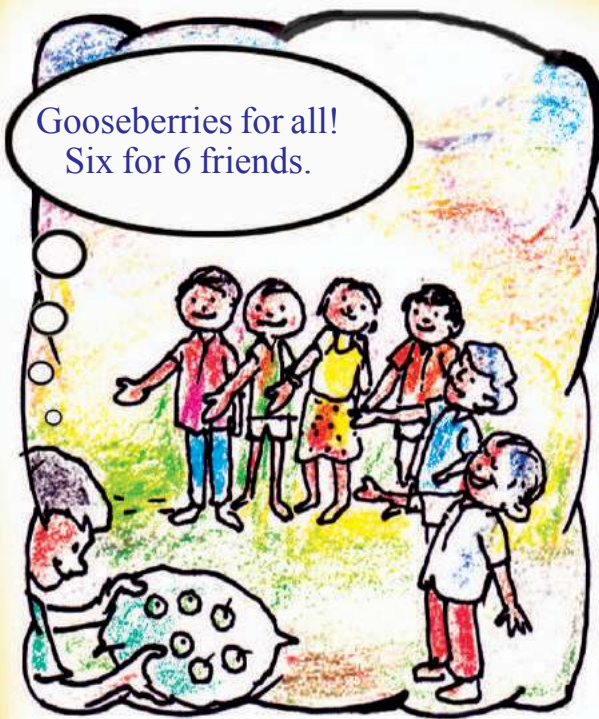
Oh! Eight kids flying kites.

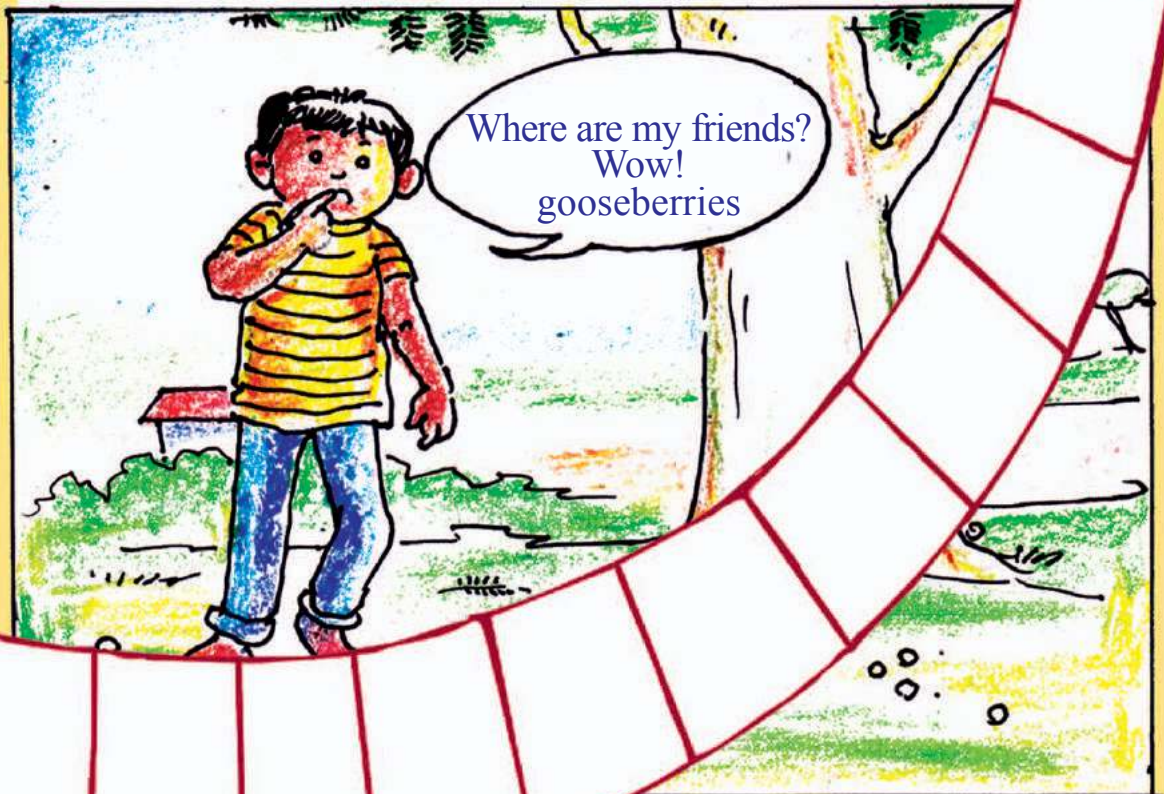


Seven, wet in rain.

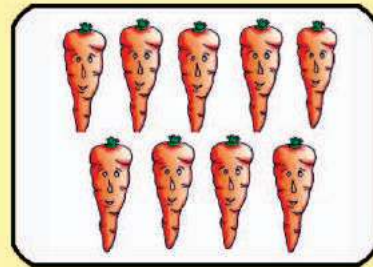
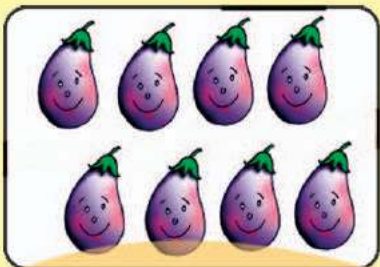
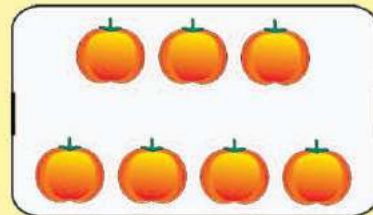
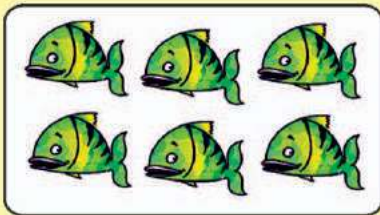
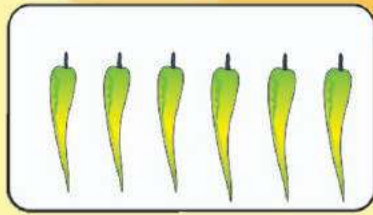
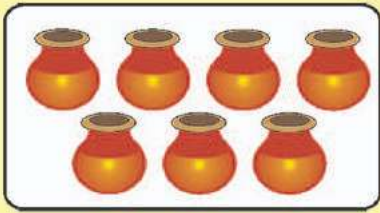


One, two buckle my shoe
Three, four shut the door
Five, six pick up the sticks
Seven, eight lay them straight
Nine, ten a big fat hen





Count and write

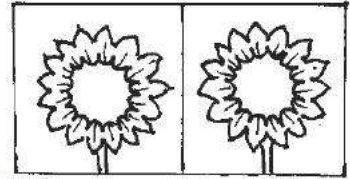


Who are hiding?



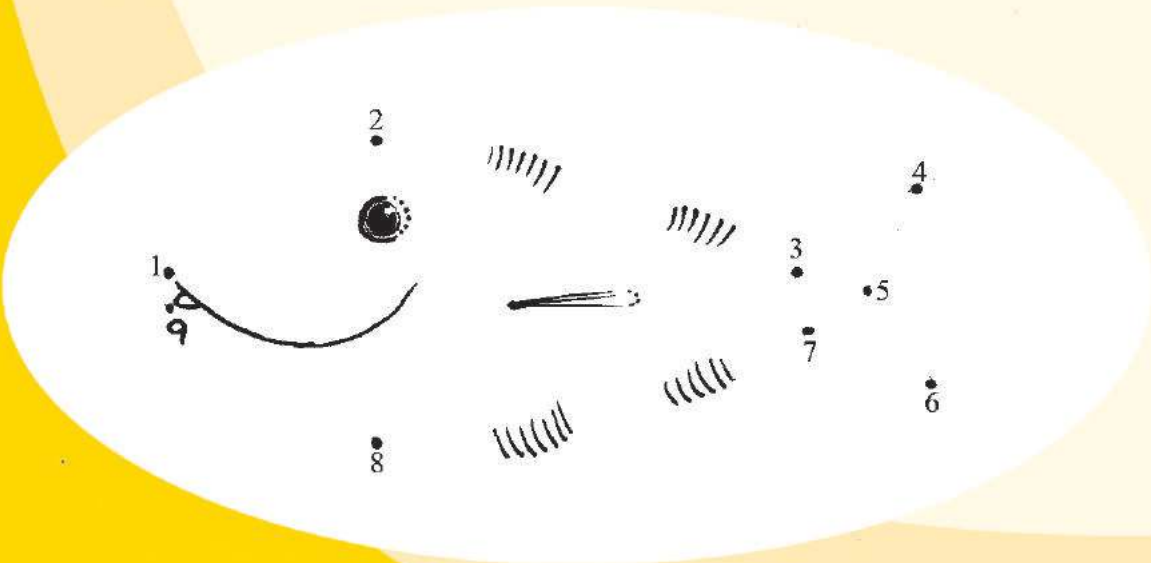
There are two flower pots behind the van.

What are the numbers on them?



Who is hiding?

Join the dots from 1 to 9 in order and see.



Count and write



Look at the picture above.

How many of each are in the picture?



Which is the largest number here?

And the smallest?

4

Let us unite for Onam

It is Onam!

Latha and Sarath went to pluck flowers.

