Mathematics

Part I

Standard I



Government of Kerala Department of General Education

Prepared by

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.



Mathematics

Prepared by

State Council of Educational Research and Training (SCERT)

Poojappura, Thiruvananthapuram 695012, Kerala

Website: www.scertkerala.gov.in, e-mail: scertkerala@gmail.com Typeset and design by: SCERT First Edition - 2024

Printed at : KBPS, Kakkanad, Kochi-30
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Dear children,

Mathematics is necessary to know and understand the things accurately around us. Mathematics deals with counting, adding, subtracting, drawing and measuring. These are done using numbers, shapes and symbols. The ability to think, understand and express things correctly is acquired through mathematics.

Let's start learning math in a fun way by doing group activities, watching, listening, thinking and discussing. We can be friendly with math through games, telling stories, singing songs, drawing colourful pictures, colouring and finding different ways of thinking.

With love and regards,

Dr. Jayaprakash R.K. Director, SCERT, Kerala



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THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a '[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;

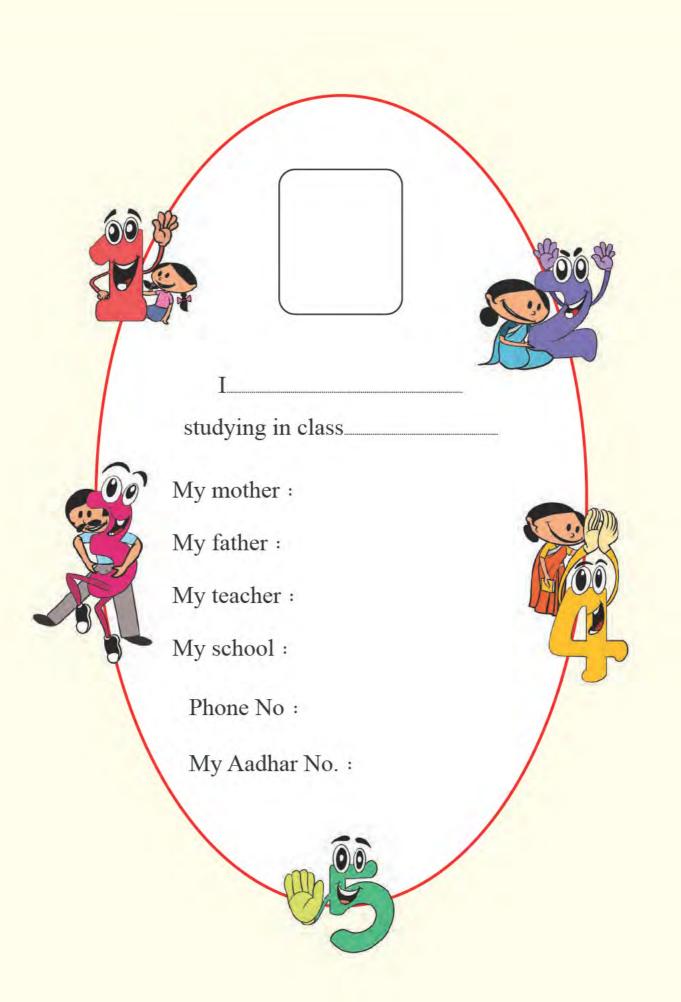
EQUALITY of status and of opportunity; and to promote among them all

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.

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

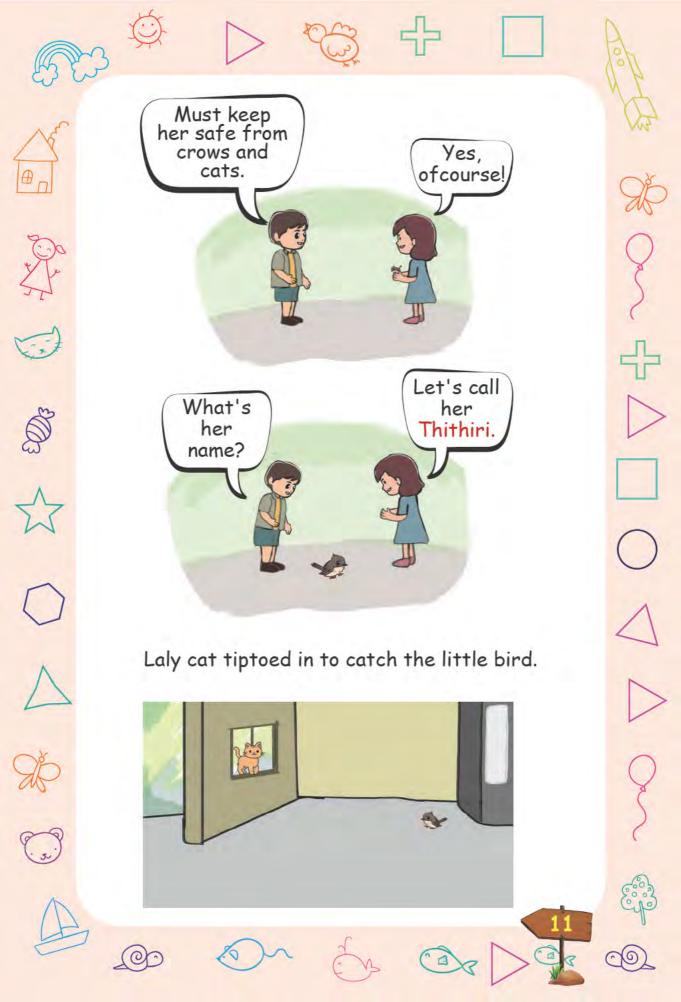
Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec. 2, for "Unity of the Nation" (w.e.f. 3.1.1977)









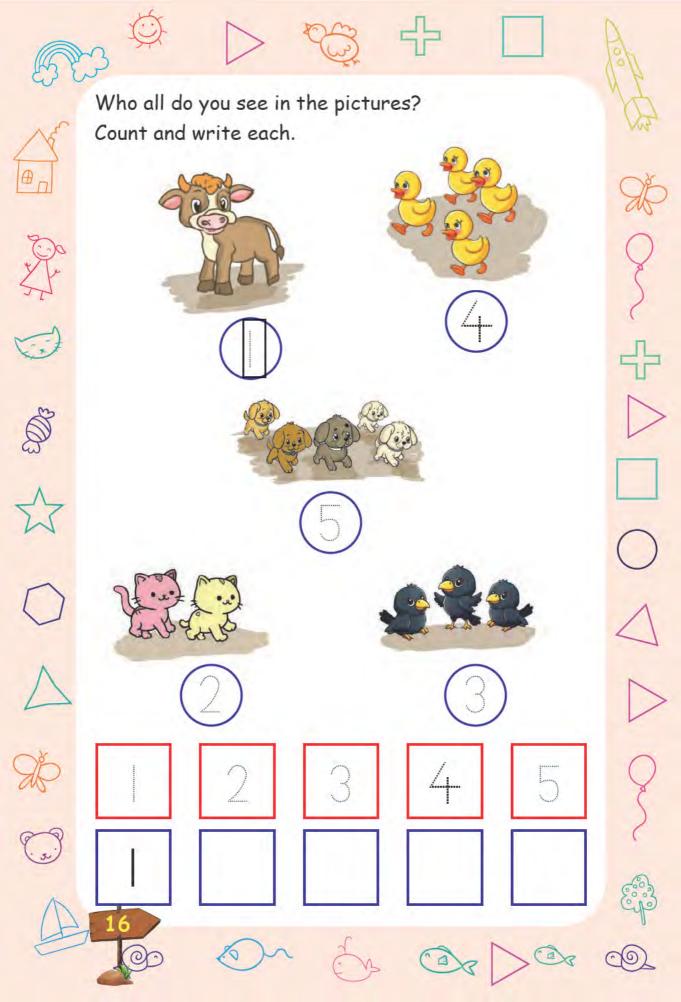


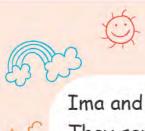










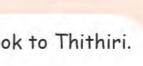


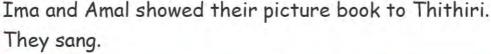














What's in page one? One cat on the first page! One, one 1





What's in page two? Two birds on the second page! Two, two, 2

What's in page three? Three parrots on the third page! Three, three 3





ST-467-2-MATHS(E)-1-VOL-

What's in page four?
Four owls on the fourth page!
Four, four 4

What's in page five?
Five mangoes on the fifth page!
Five, five 5







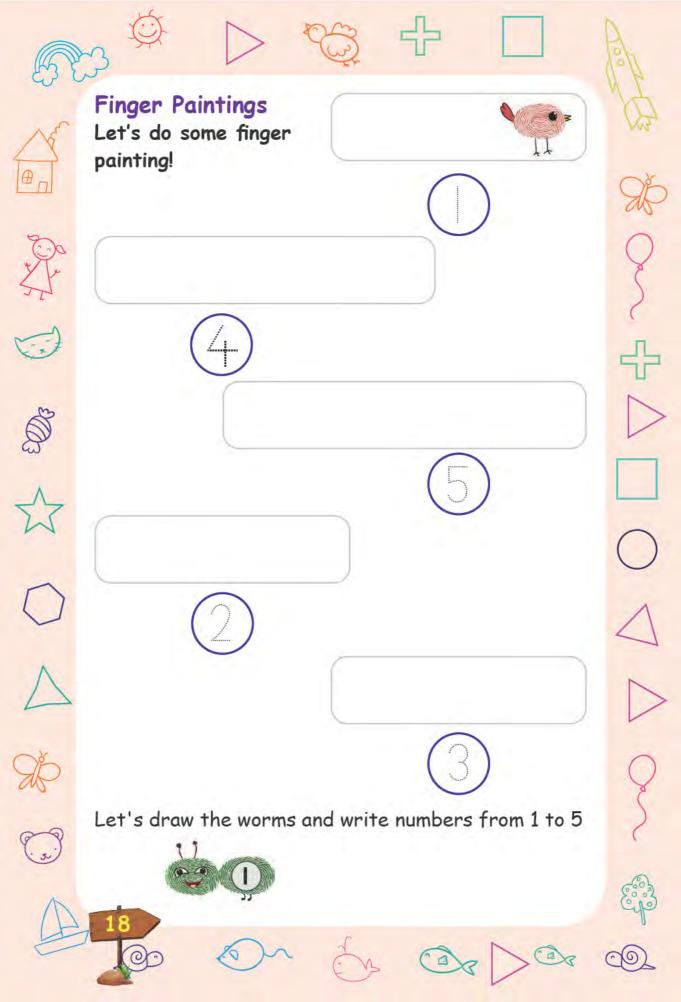


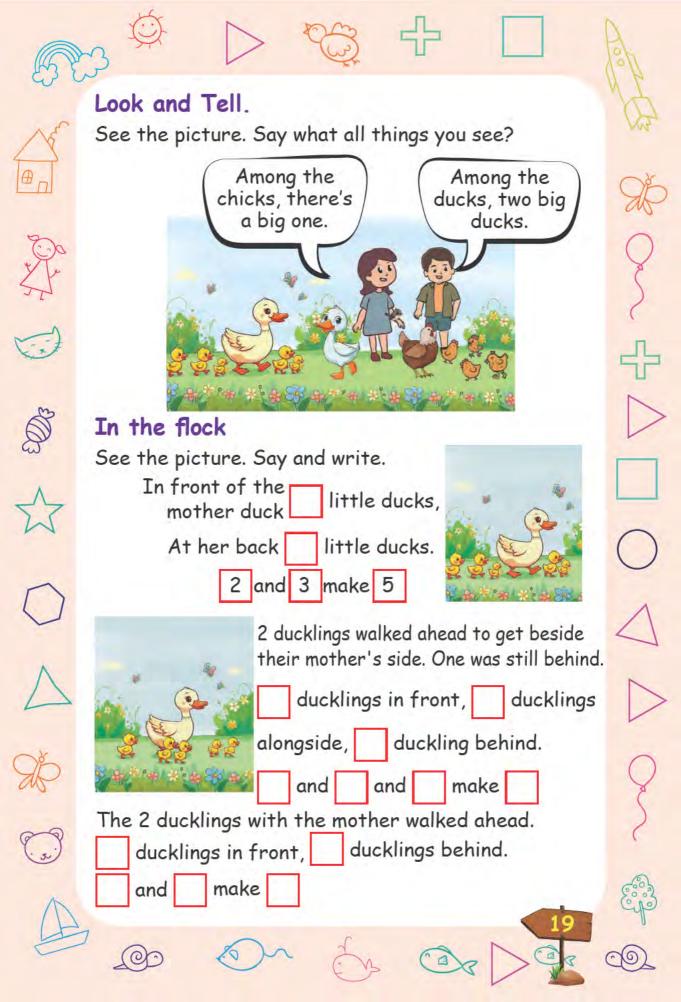


















































































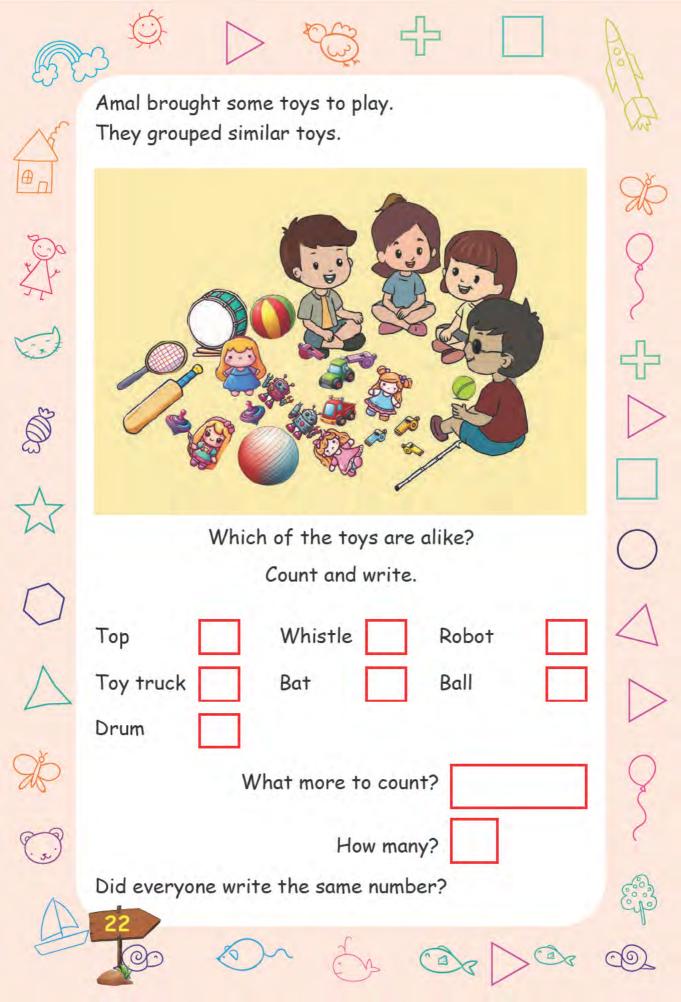
Ryan and Avani came to see Thithiri.

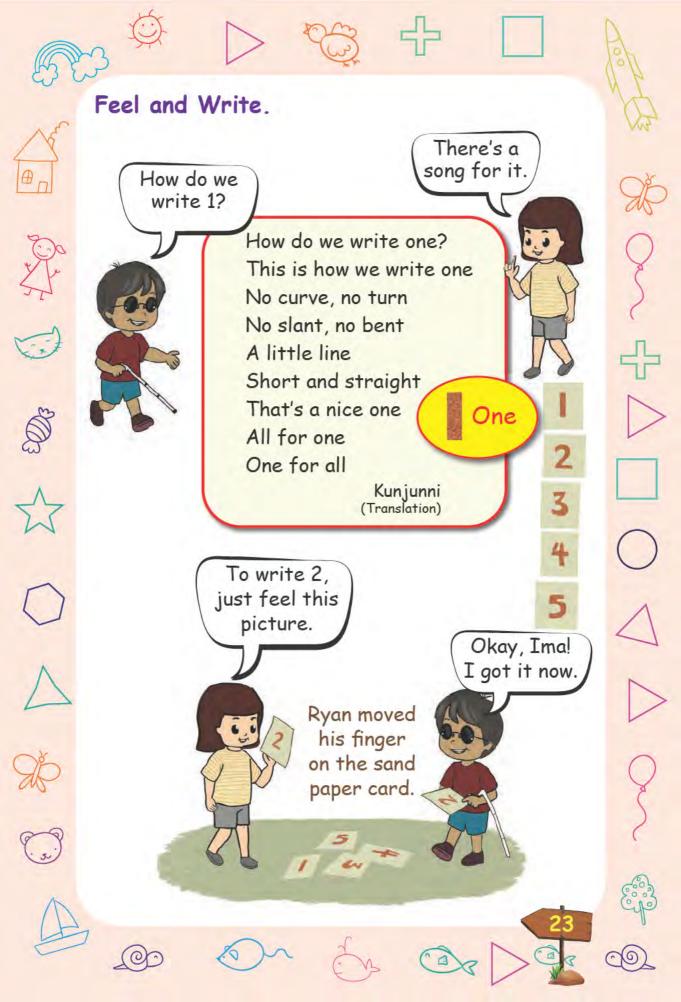




"So smooth", he said.



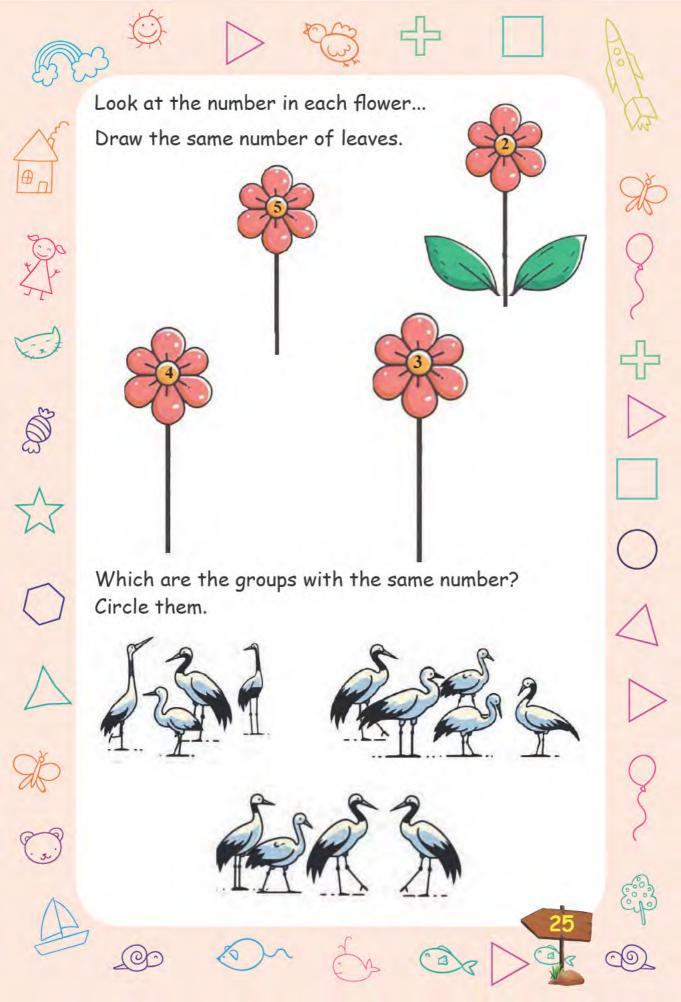


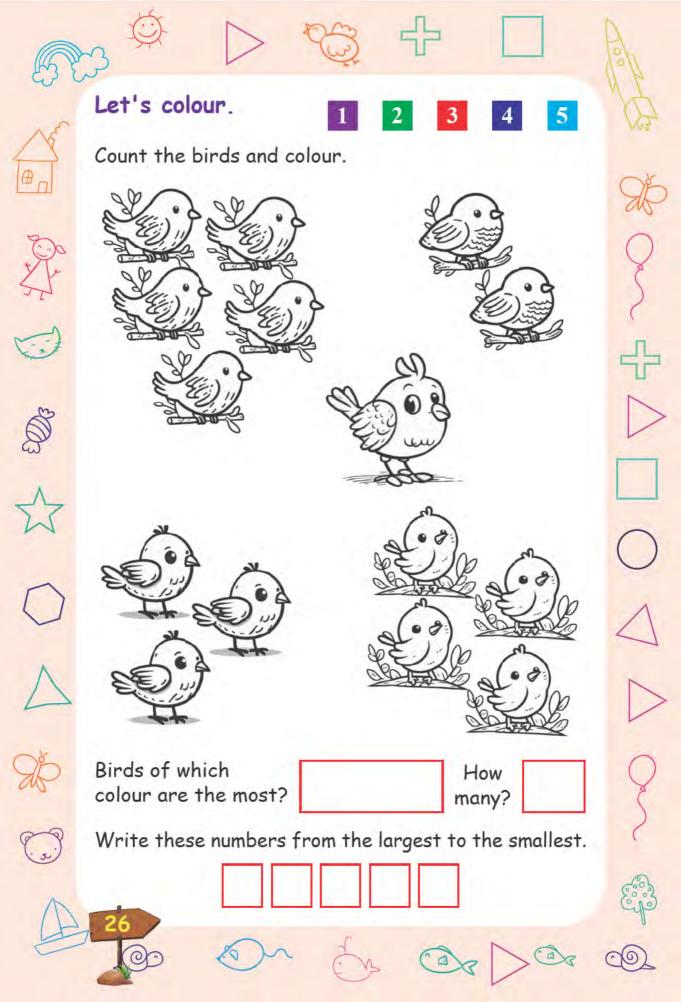


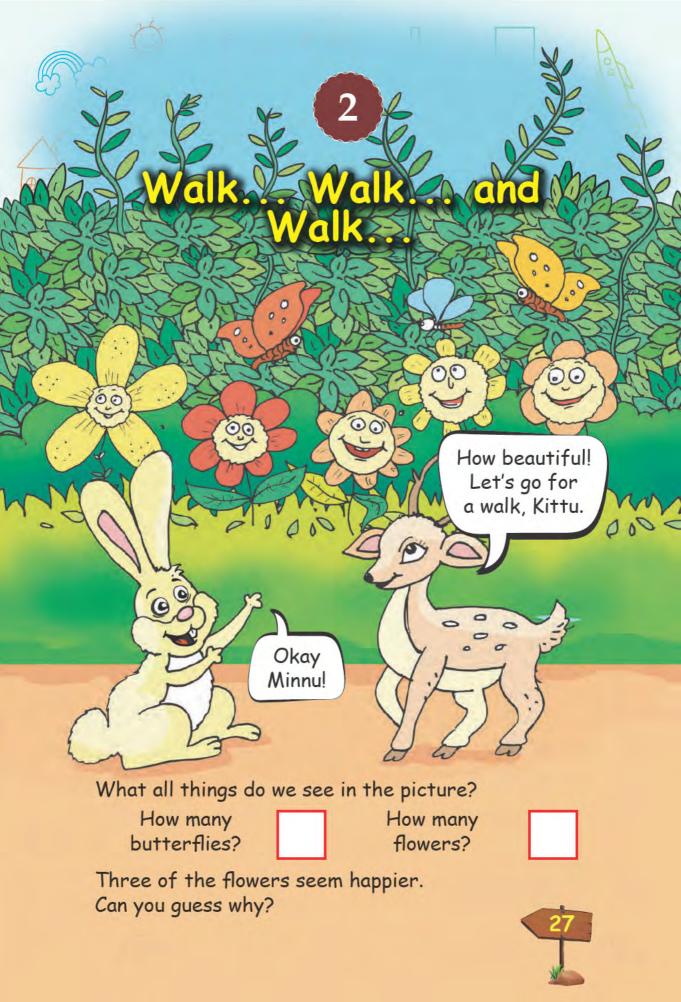


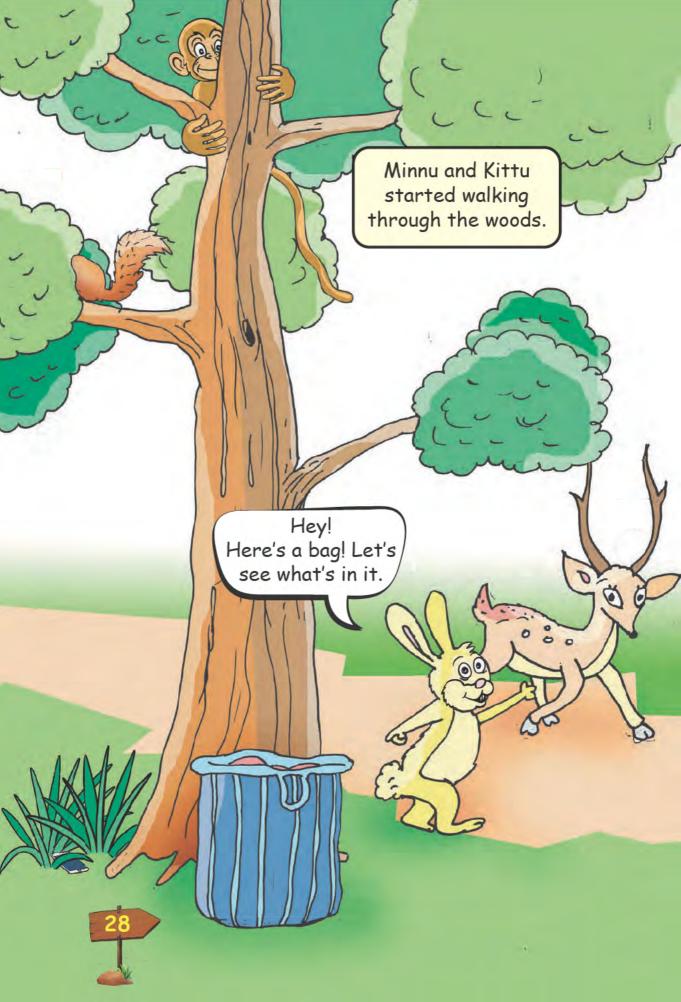
Thithiri was both happy and sad. "I'll come tomorrow, bye!"

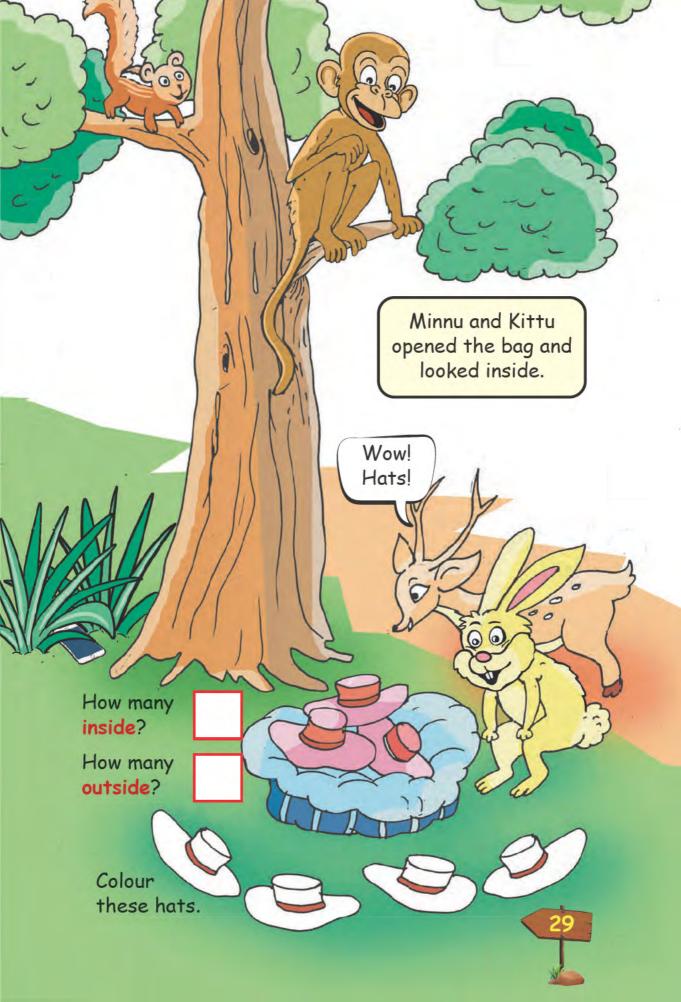


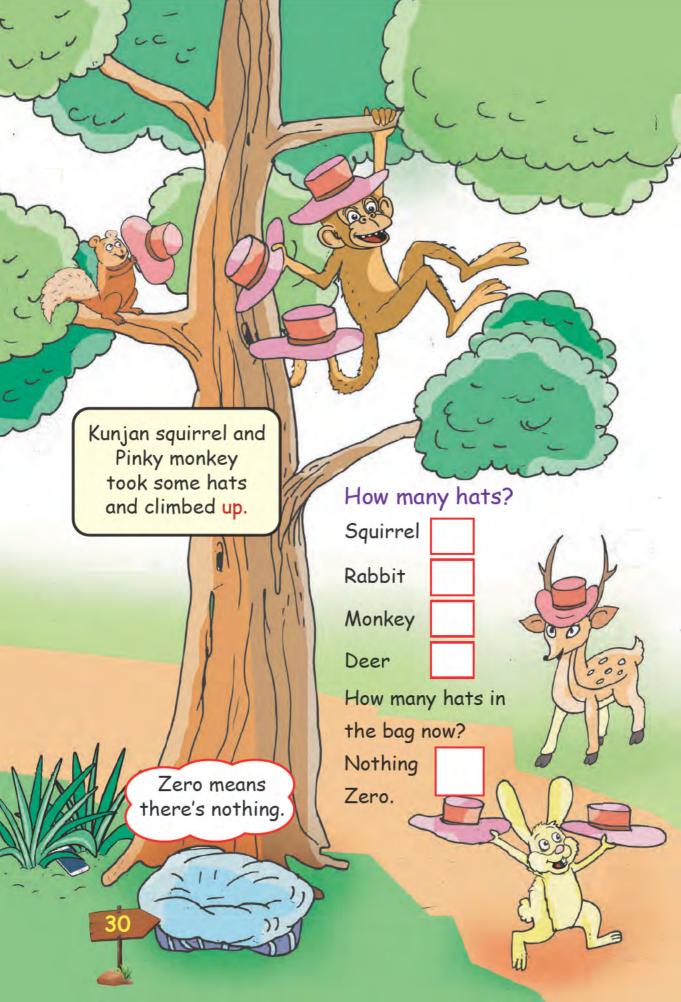


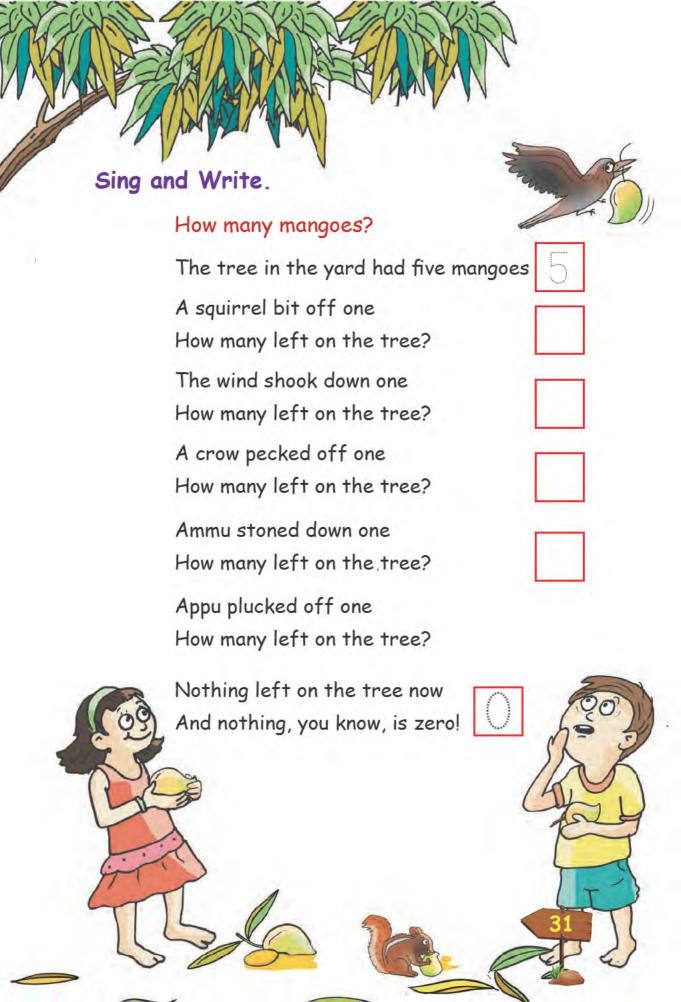




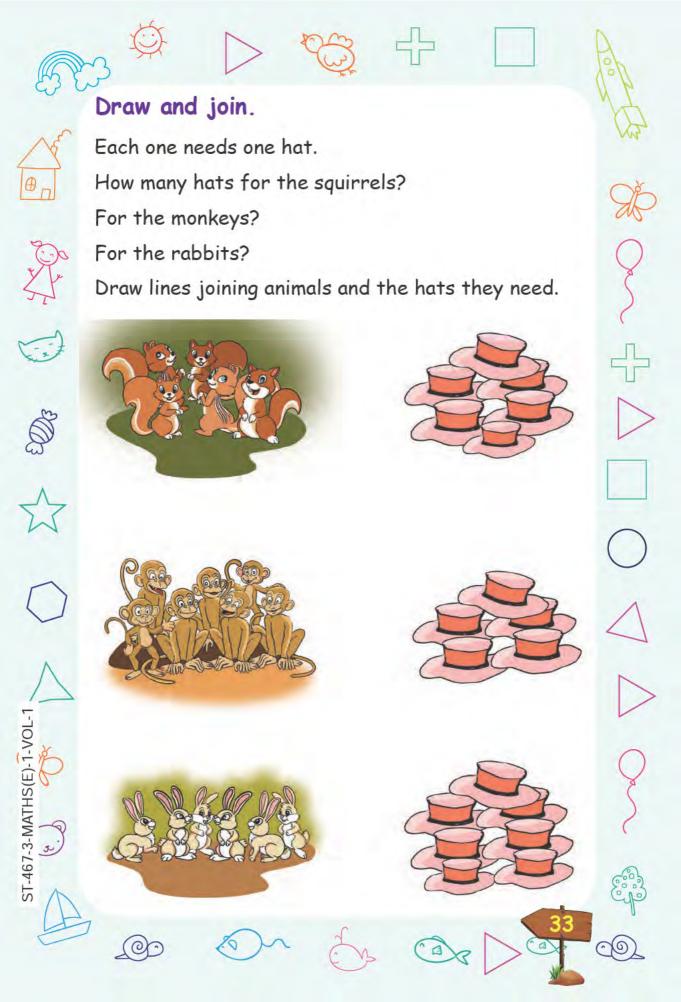


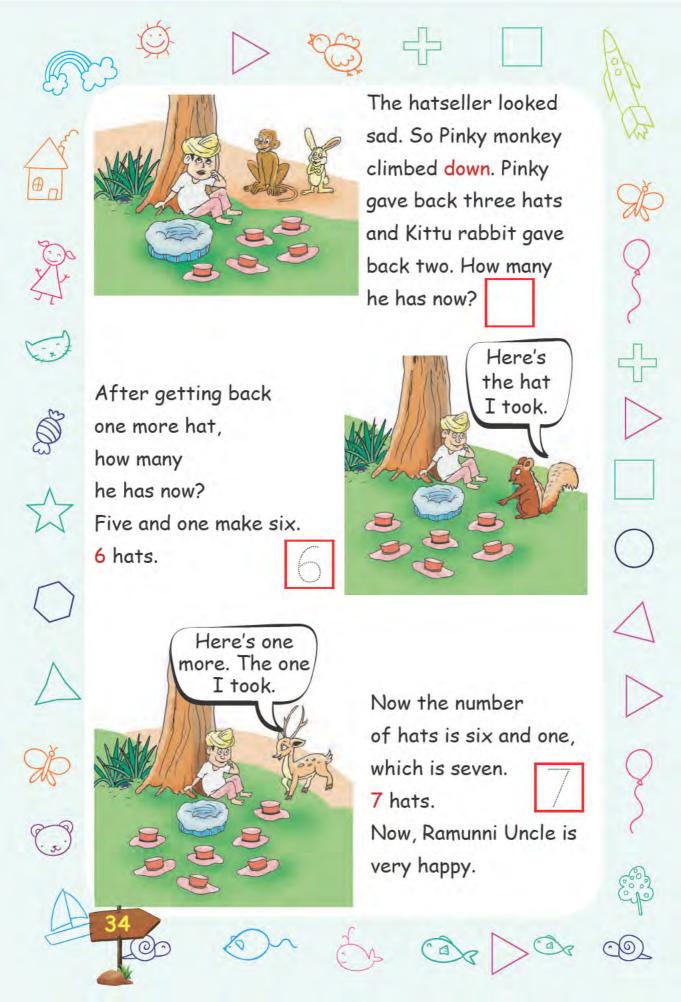


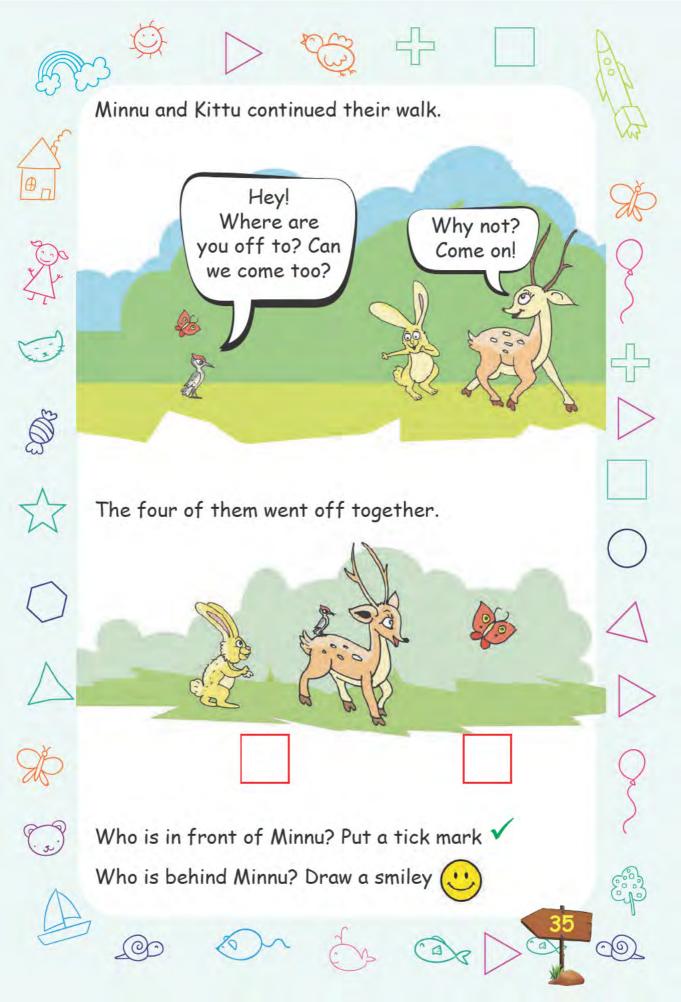


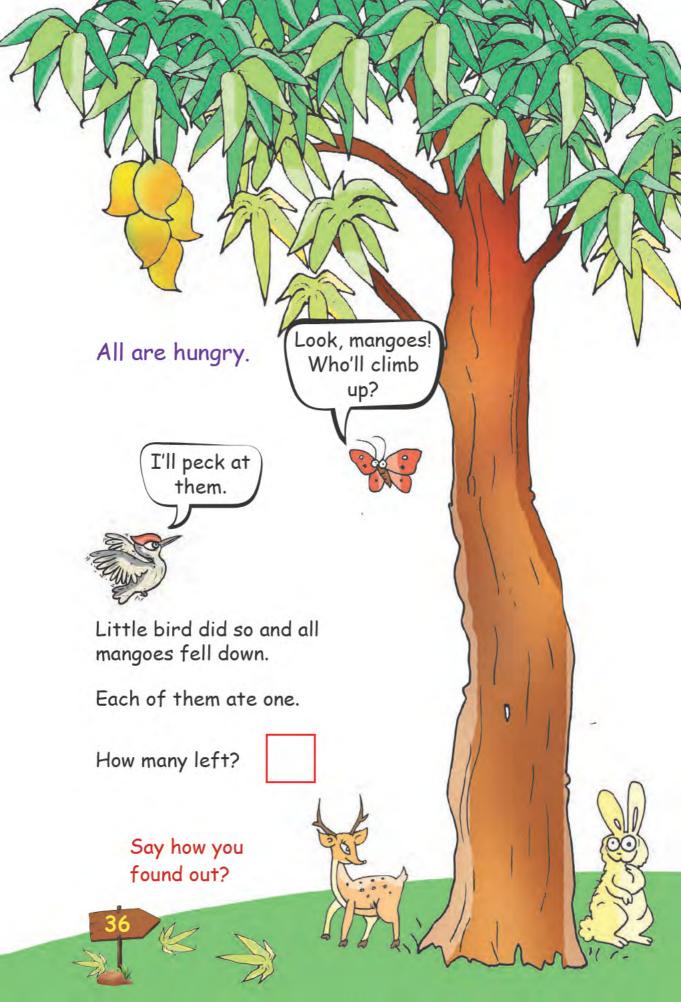


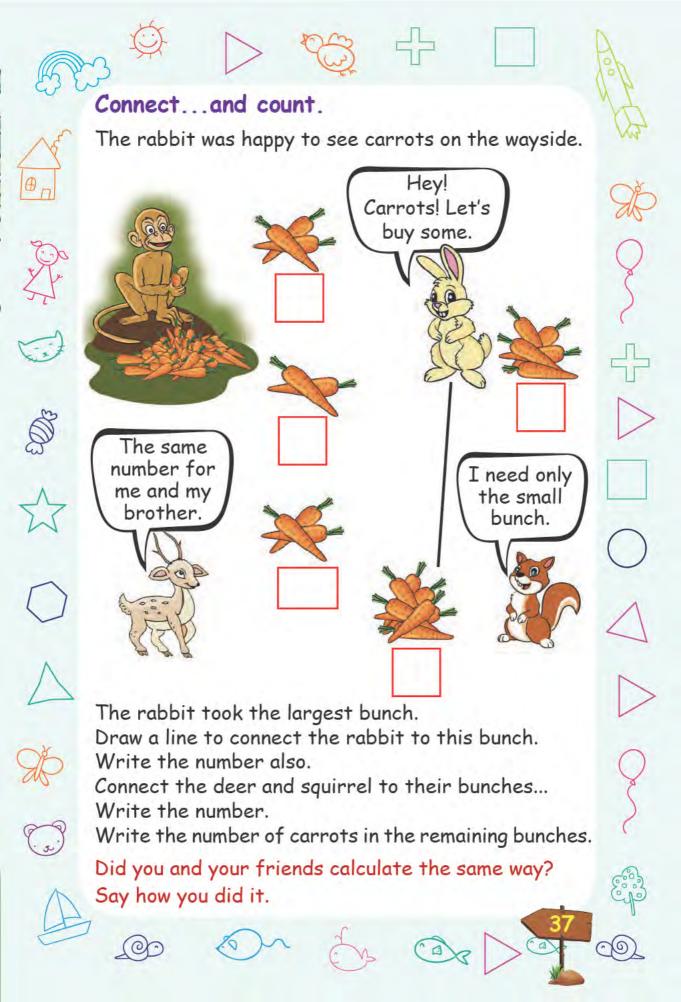


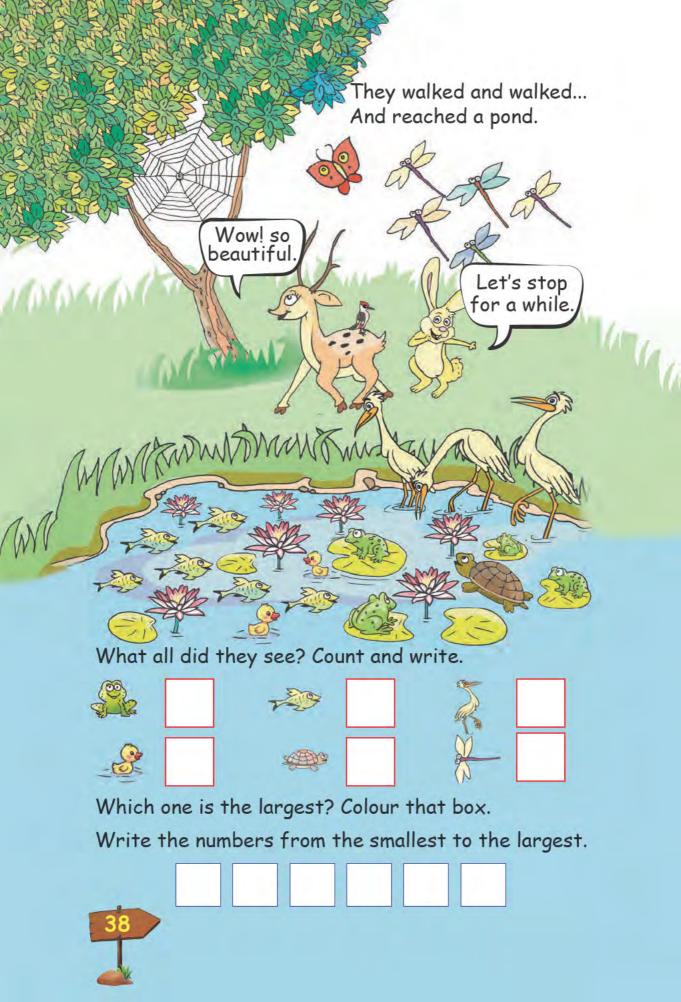


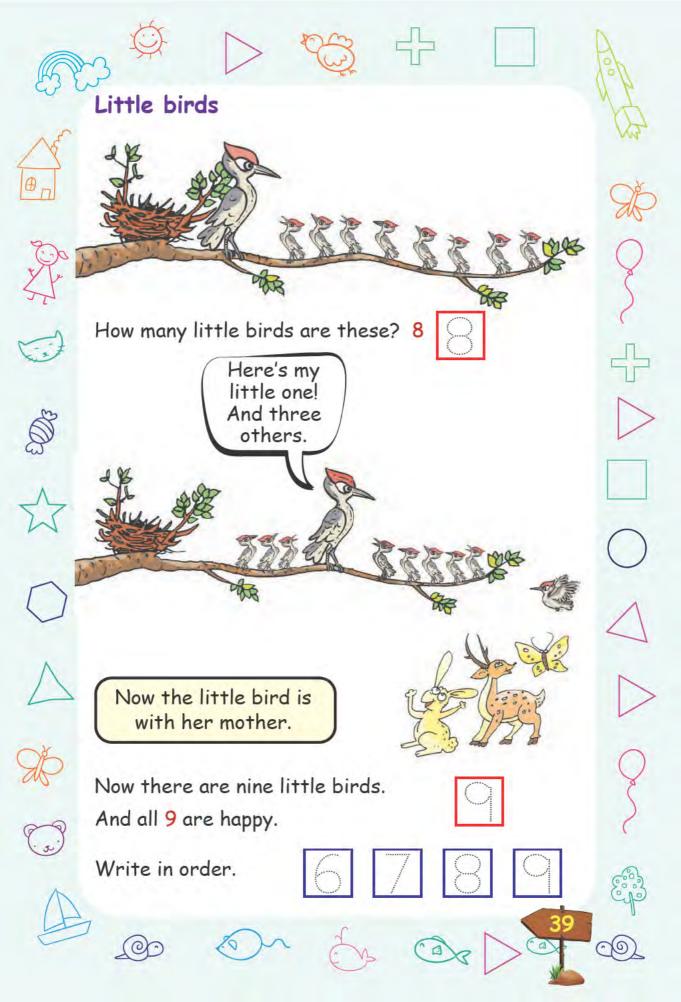


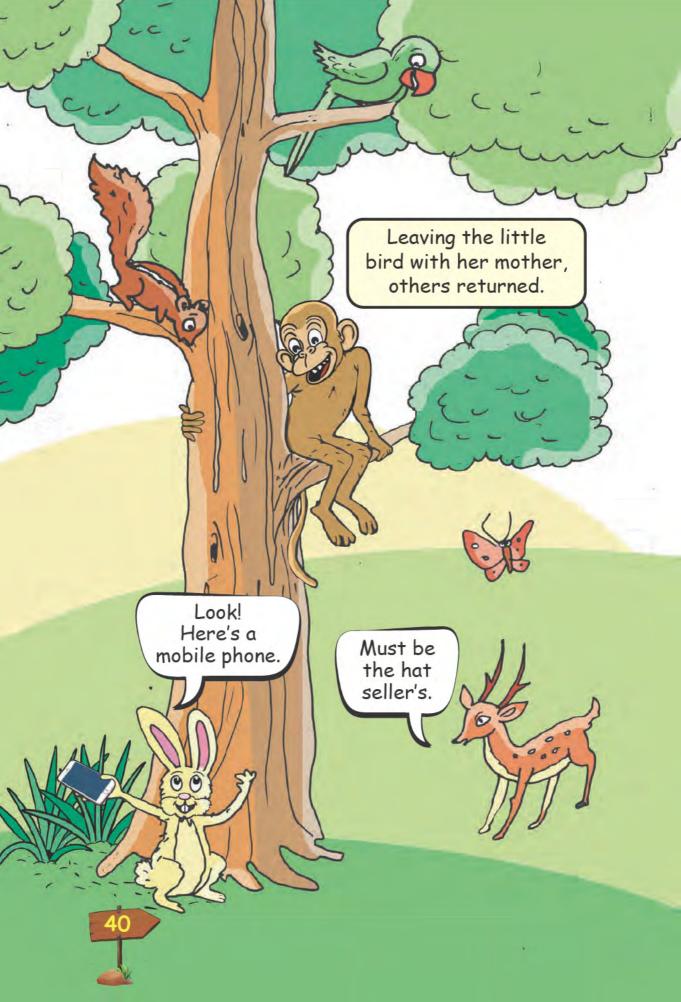


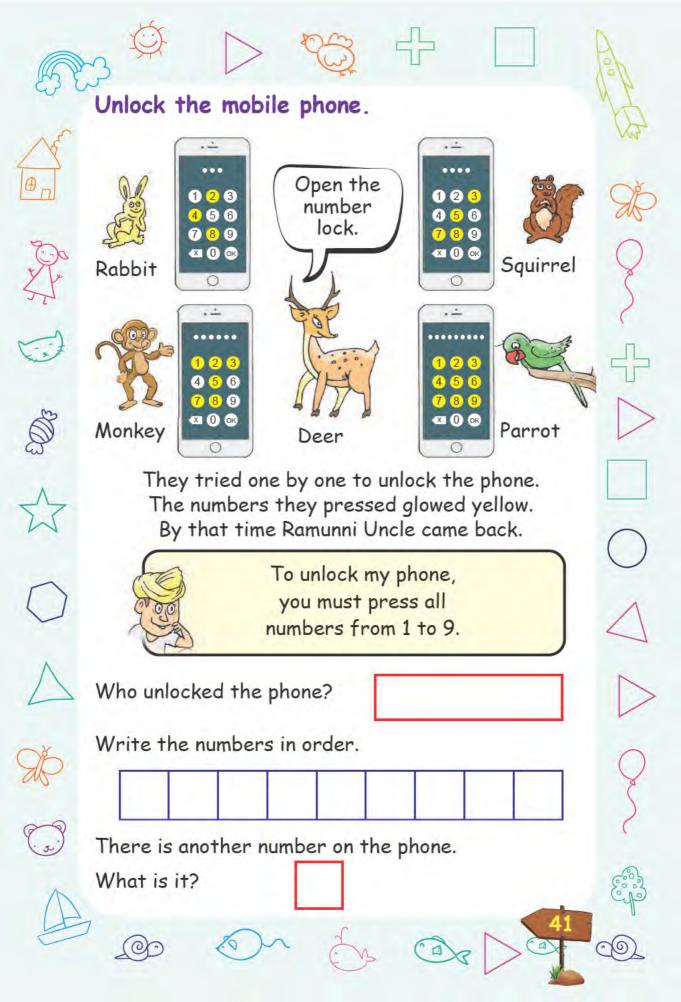


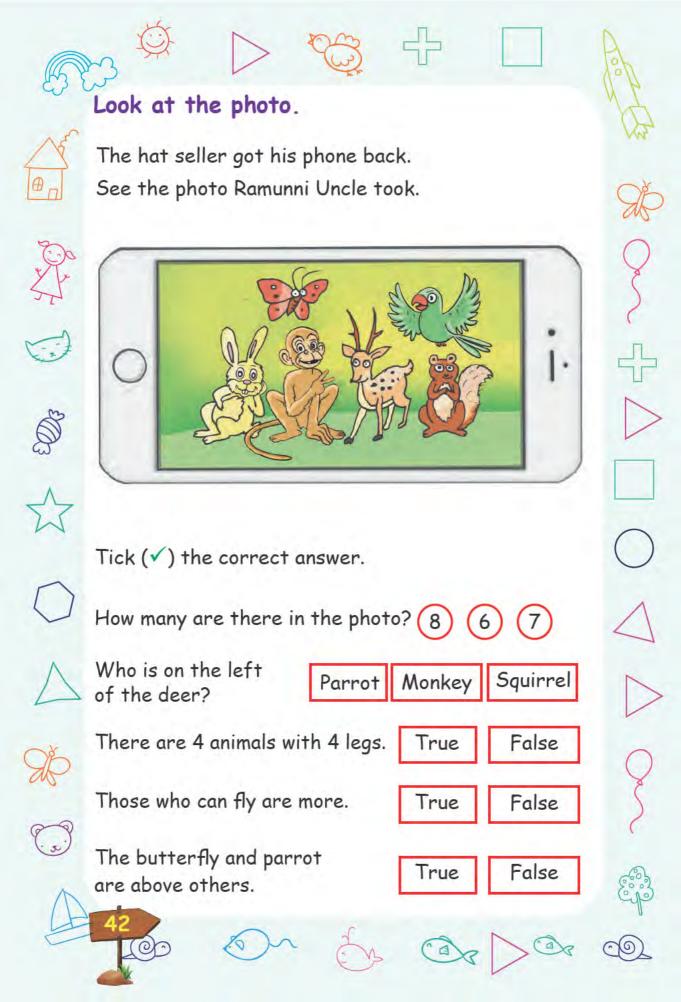


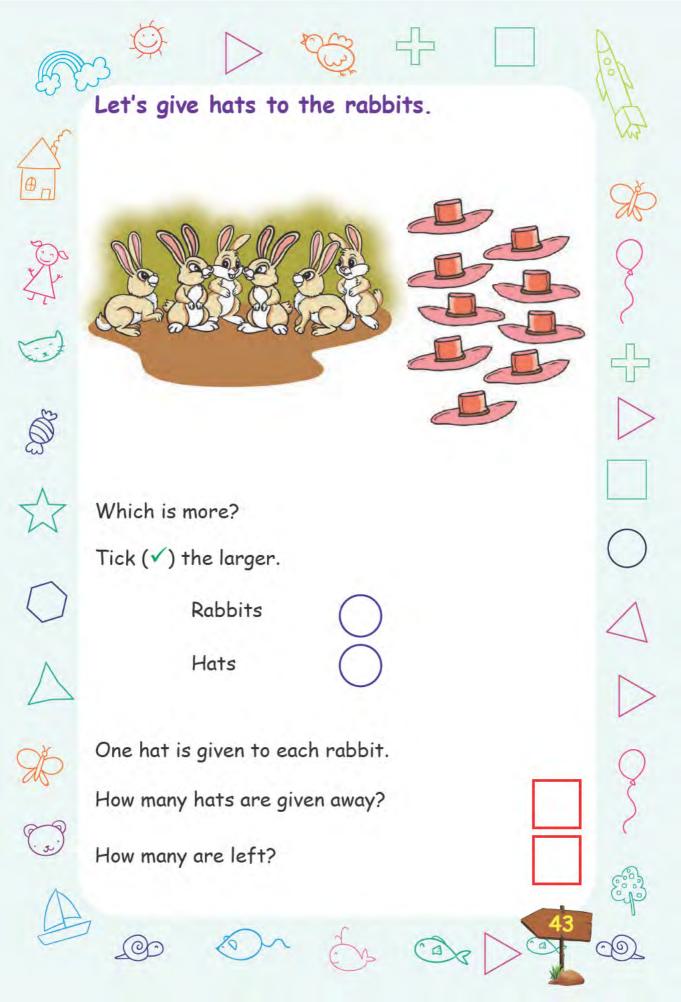


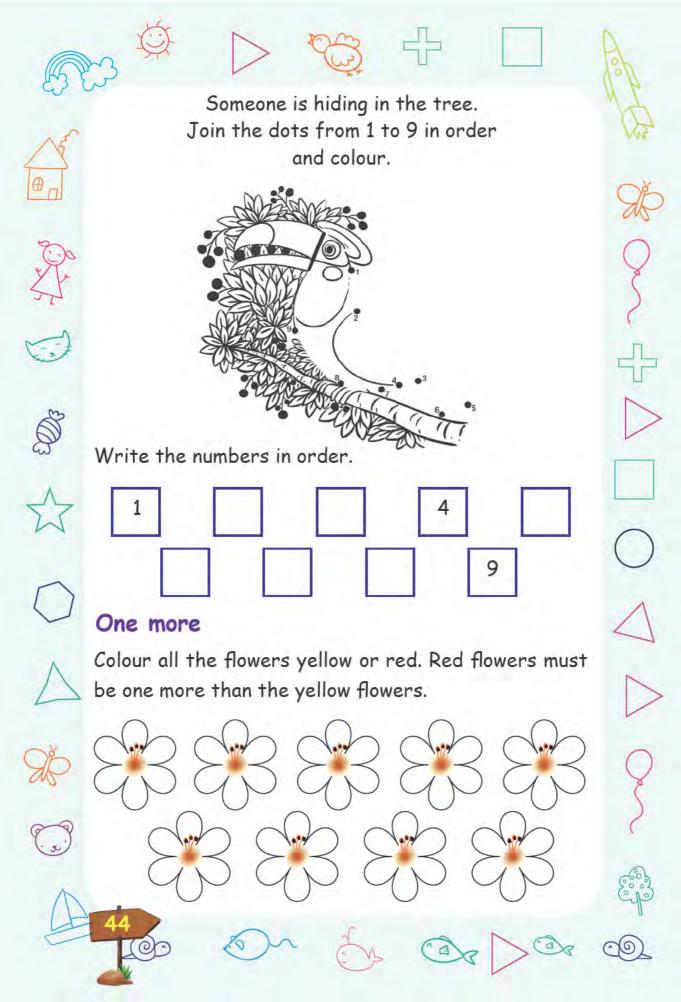


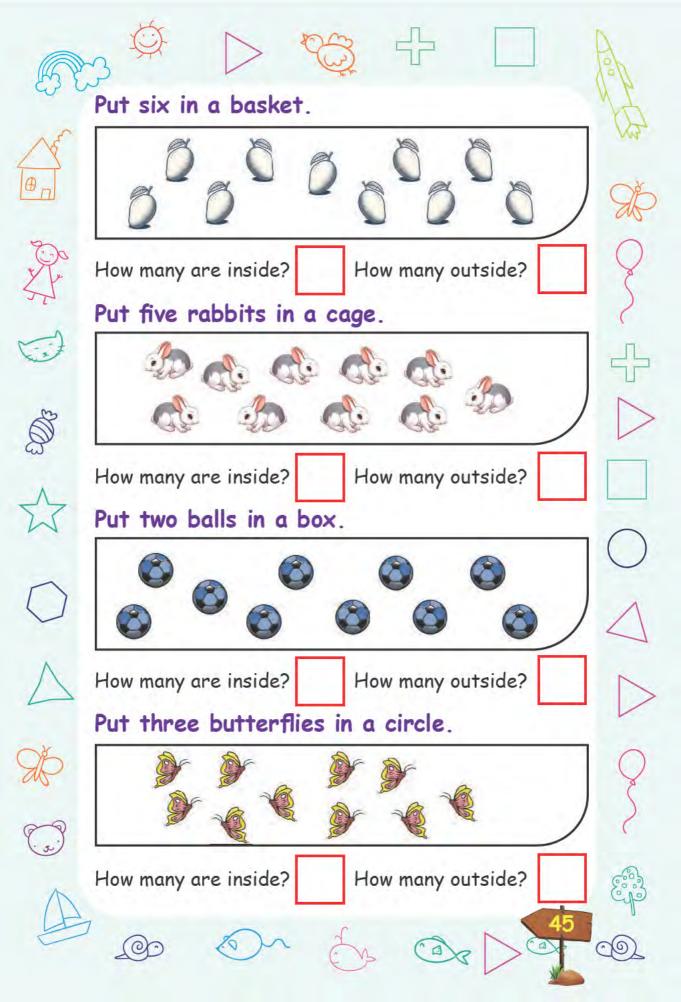




























Let's decorate the classroom.























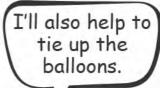
Hai

There were 9 children in the classroom.

Together with Aami, now there are ten.

9 and 1 make ten 10.

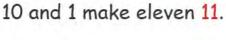












Ahan joined them.

How many now?



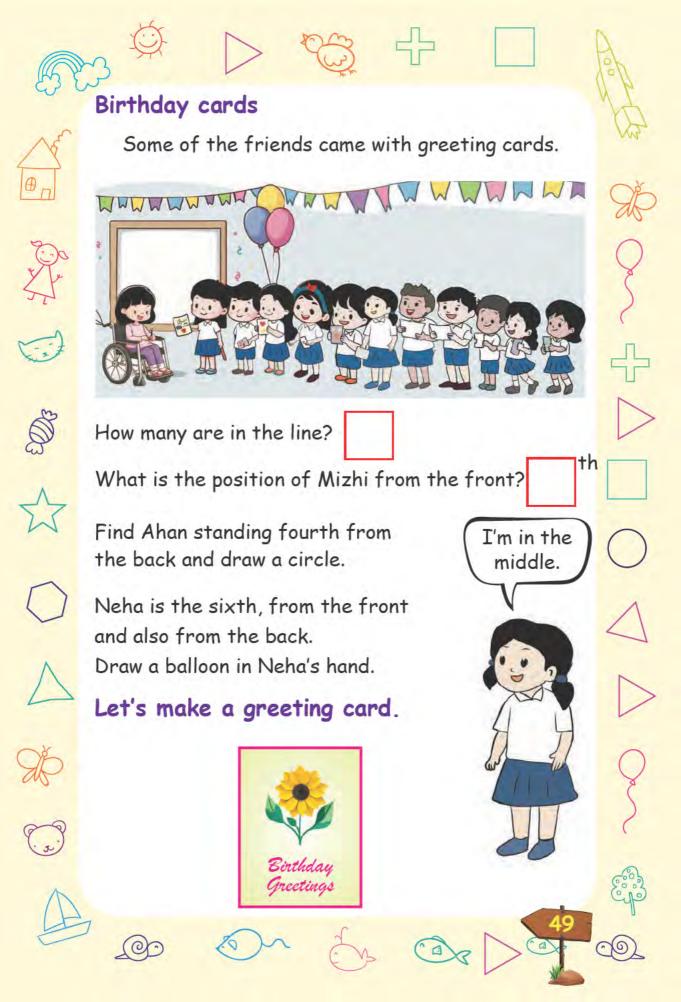


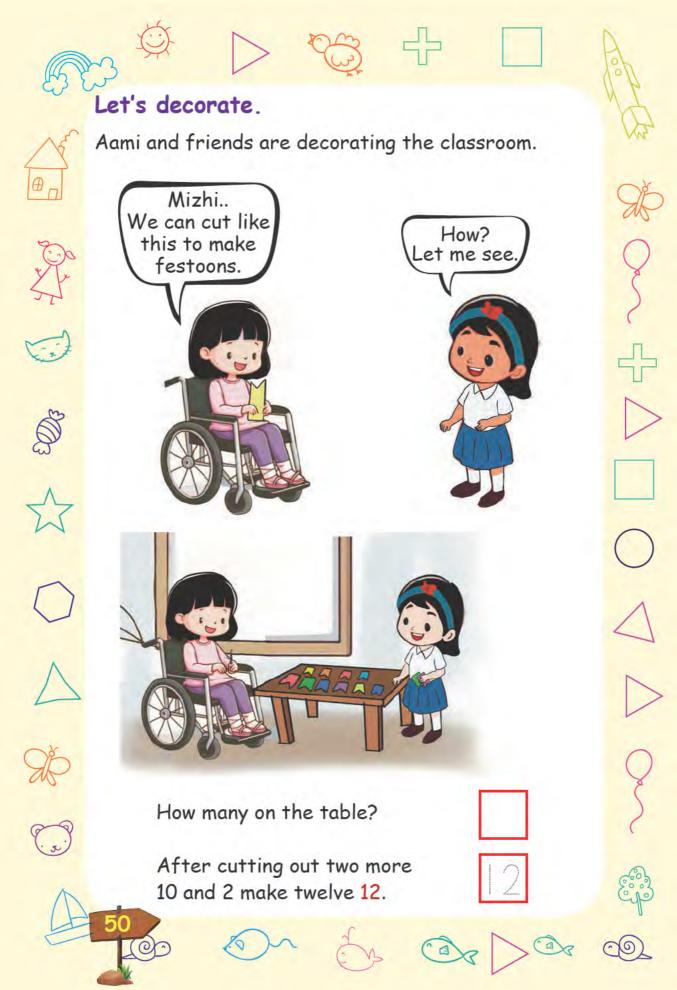


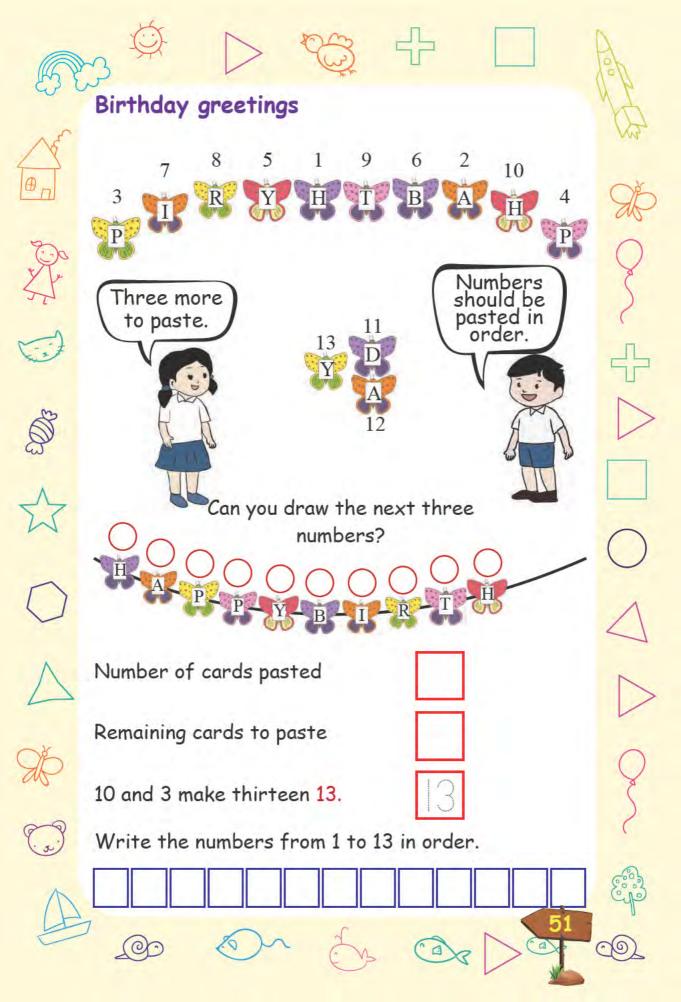






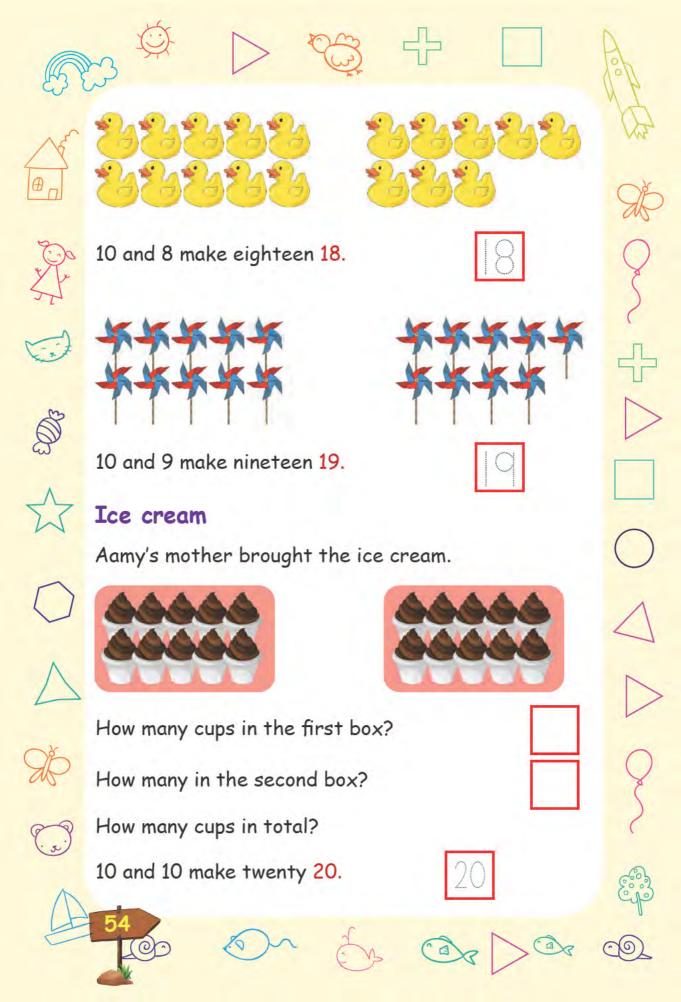


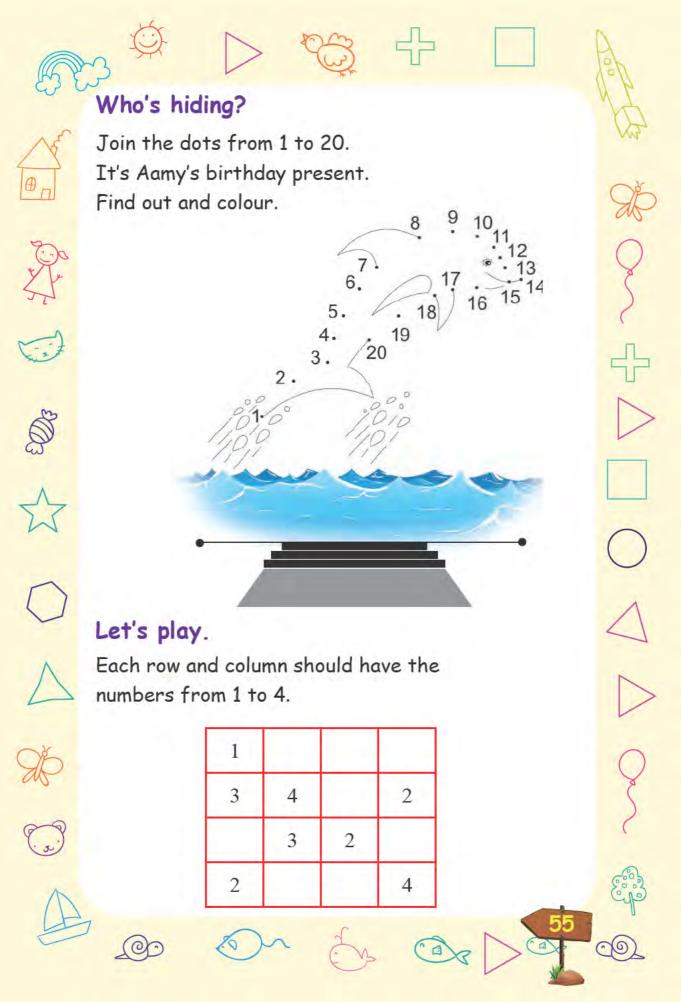




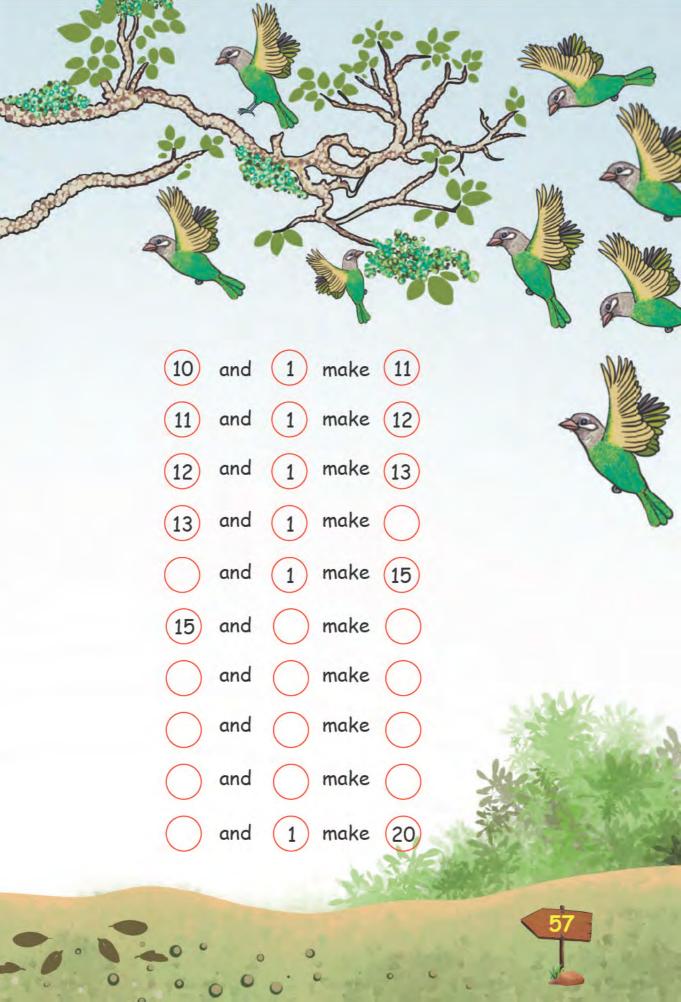


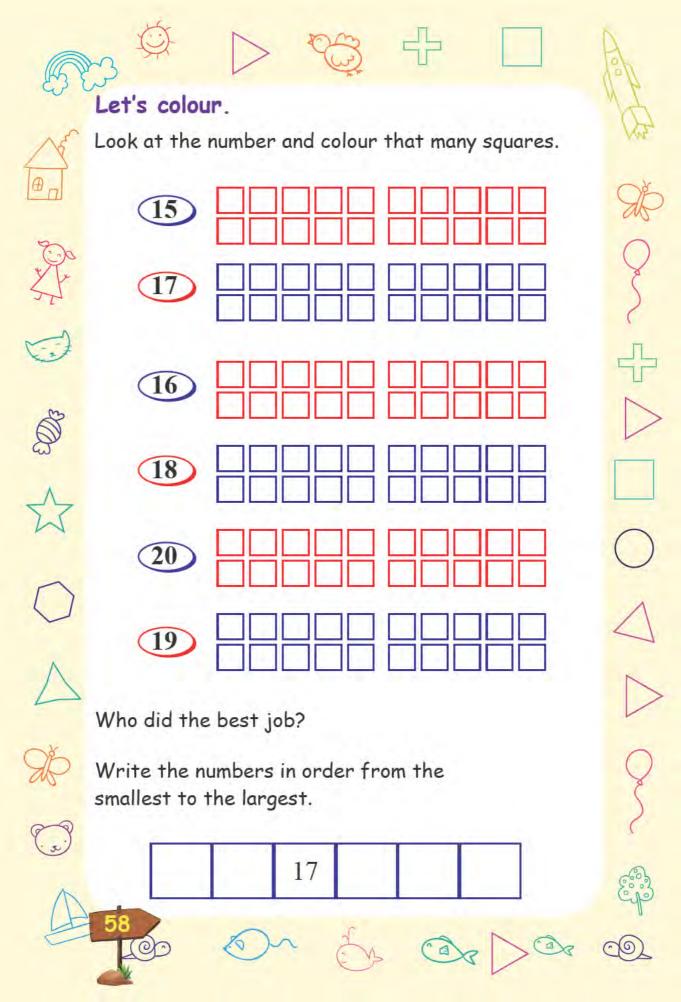


























Here are two cards for you to colour. Try! Who finished first?



Give the same colour to the largest number in each row.















11) 60 77 100 88 9) 12) 88 111 110 12) 10) 13) 9) 11 11) 12) 9) 14) 10) 11) 14) 10) 12) 15)

Write the coloured numbers in order.



What is the relation between the coloured numbers?

Give the same colour to the smallest number in each row.

Write the coloured numbers in order.



What is the relation between the coloured numbers?













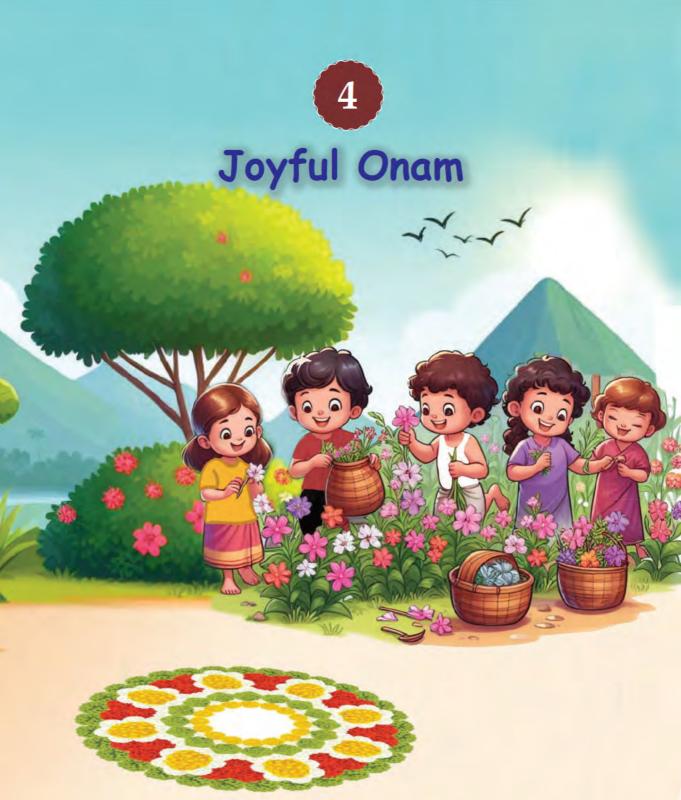












Onam in ten days, starting with atham.















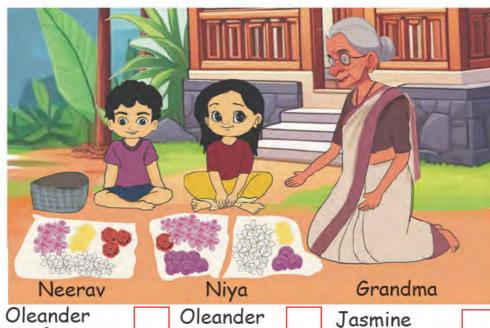
Pookkalam



Neerav, Niya and grandma picked flowers for the pookkalam.



Count and write.







Rose Jasmine

(മുല്ല) Chrysanthemum (ജമന്തി)





(അരളി)

Rose

(വാടാമല്ലി)

Globe amaranth





(മുല്ല)

(വാടാമല്ലി)

Globe Amaranth

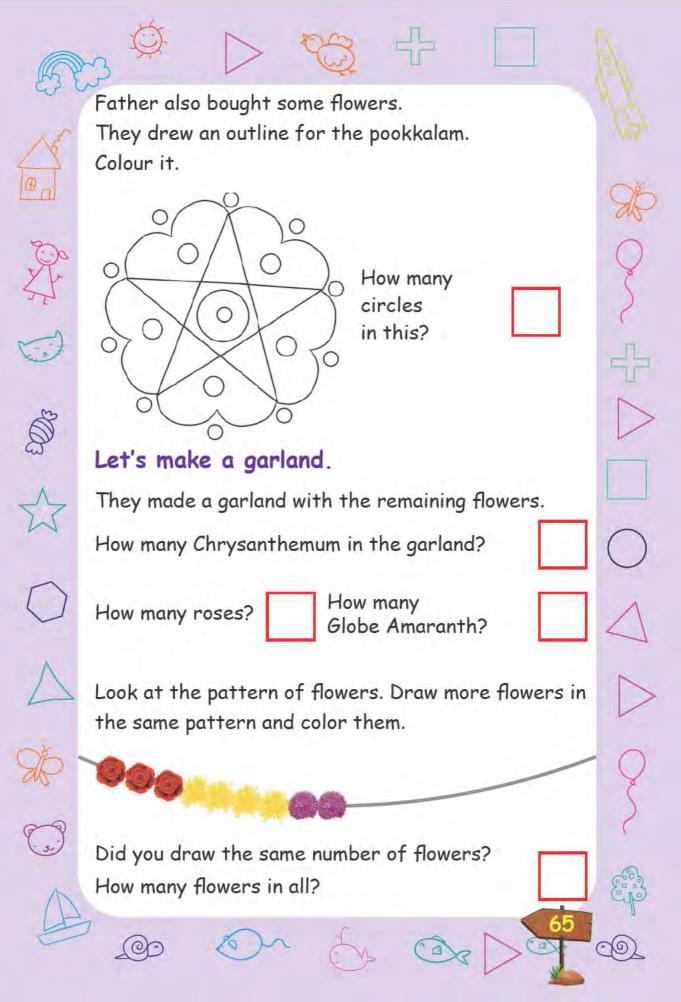


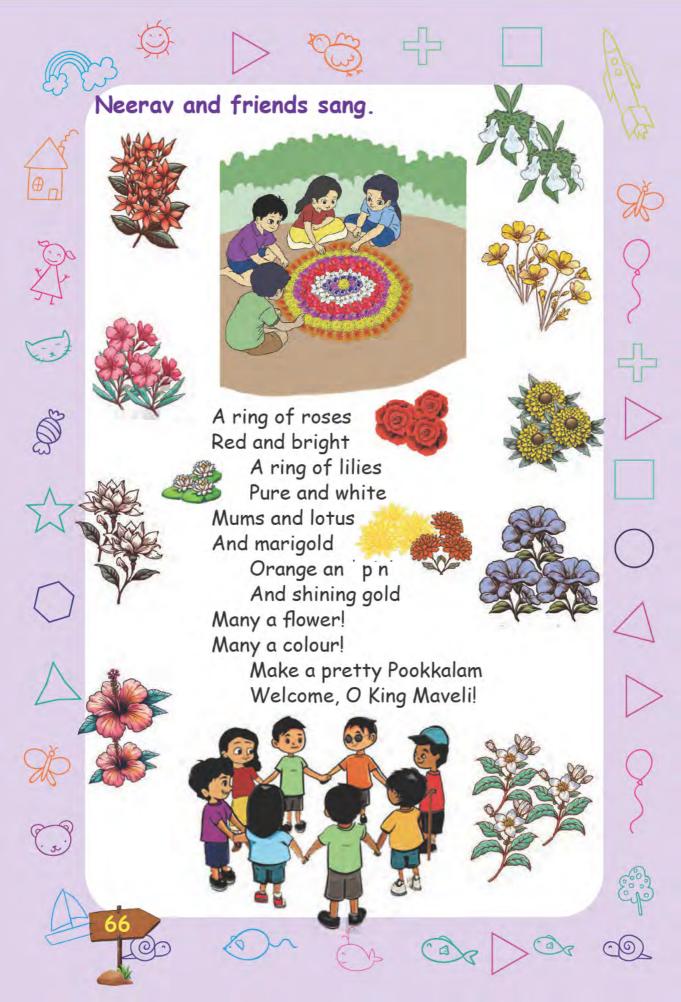


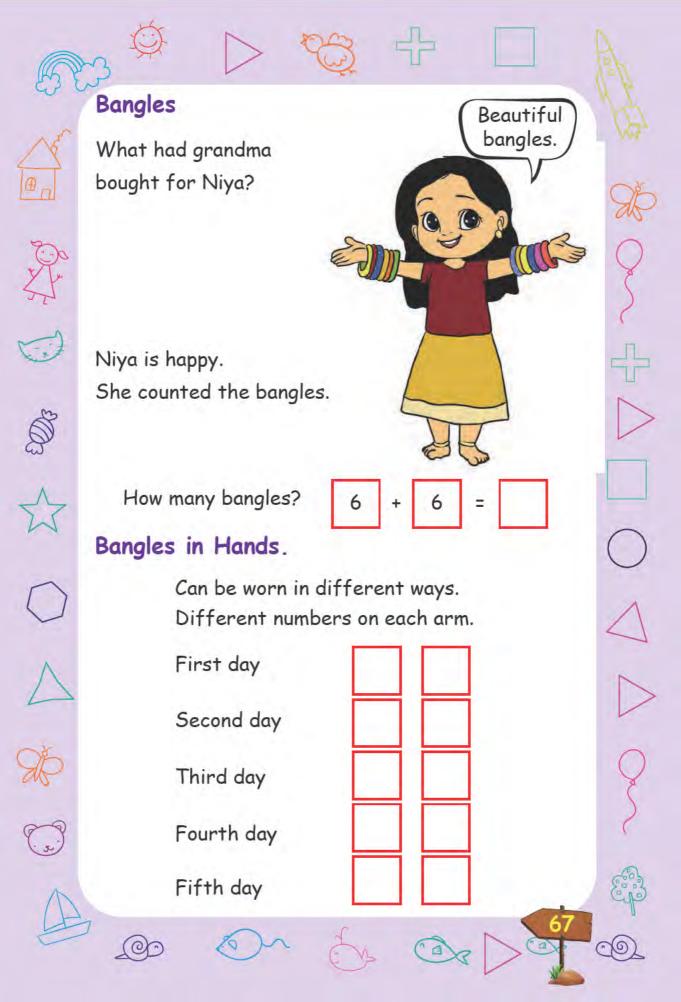


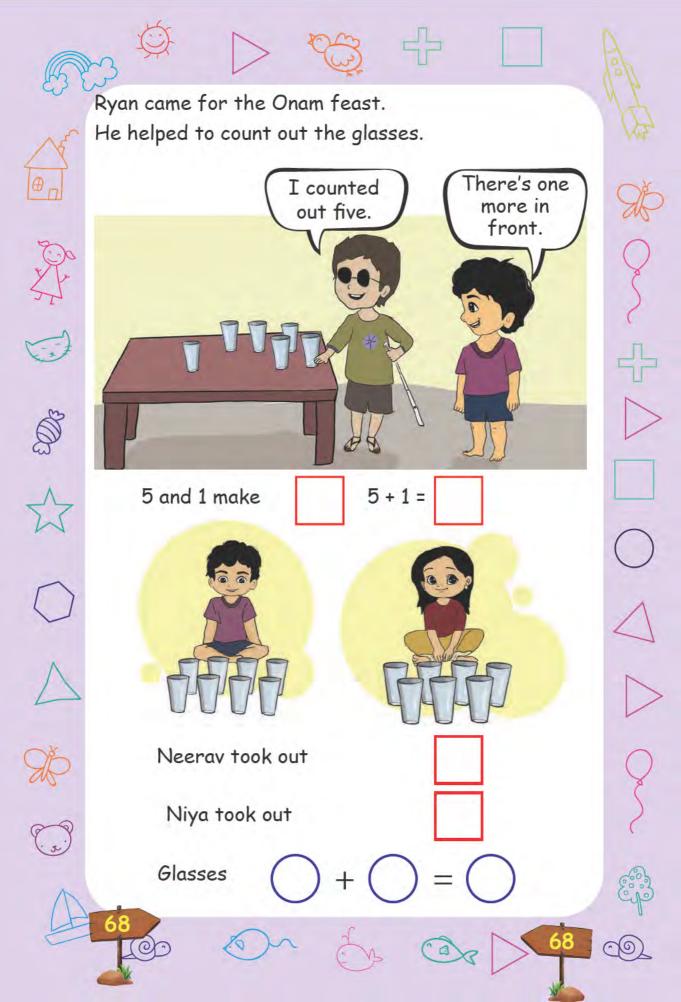


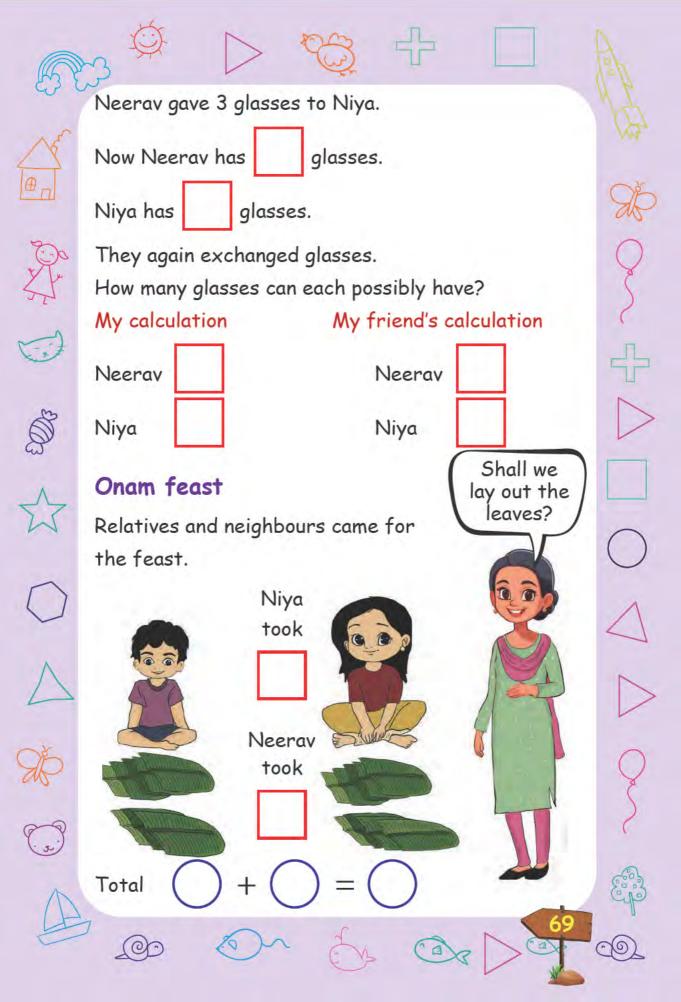


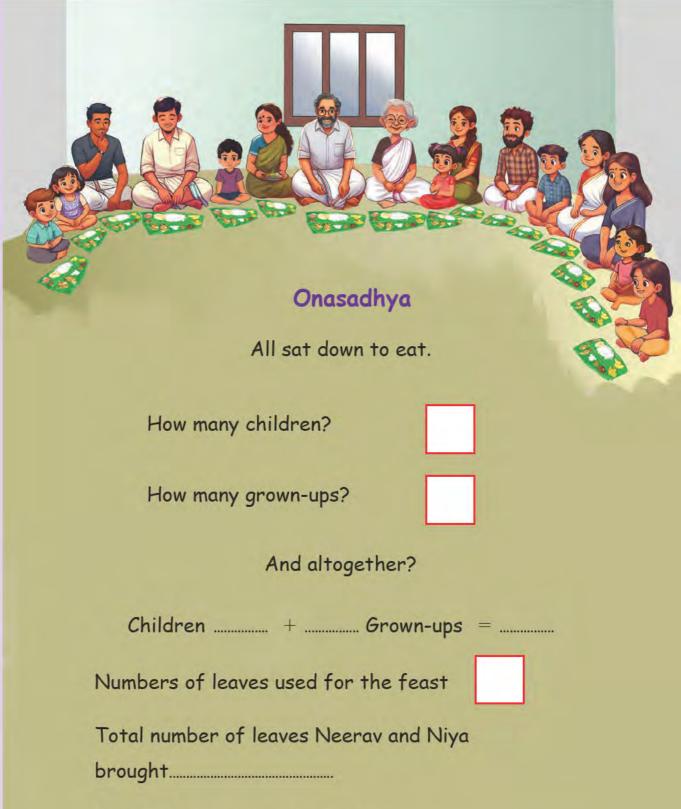








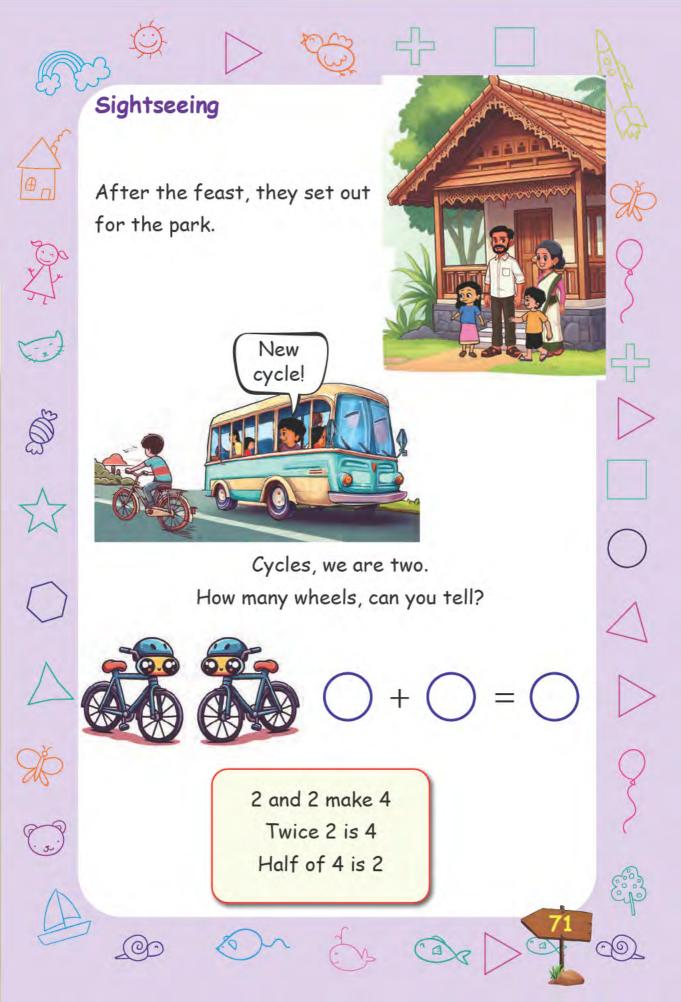


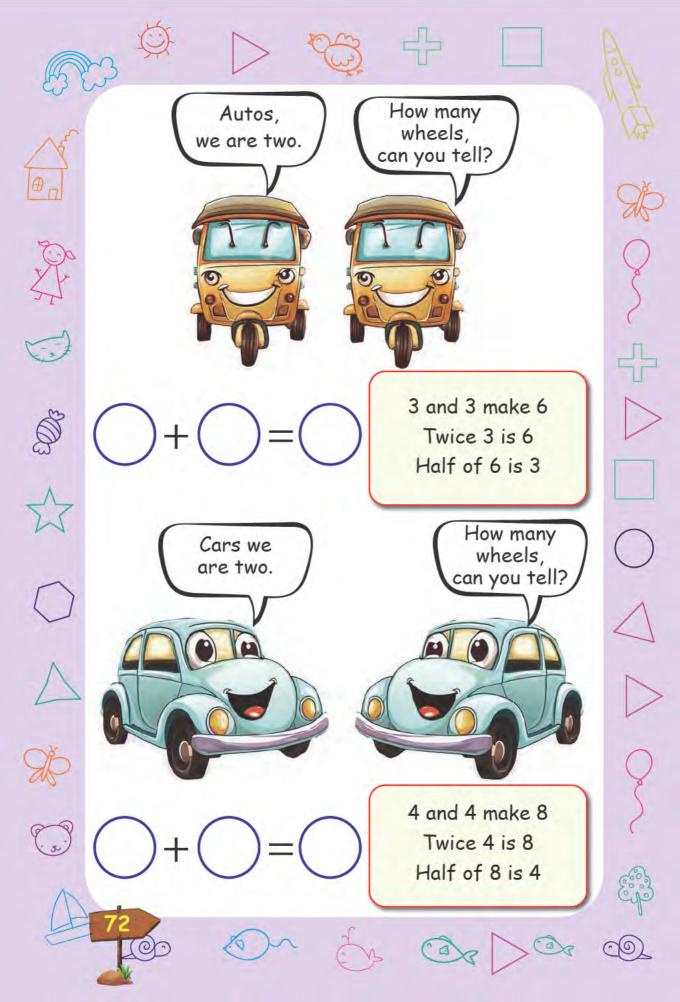


Are the leaves more or less?

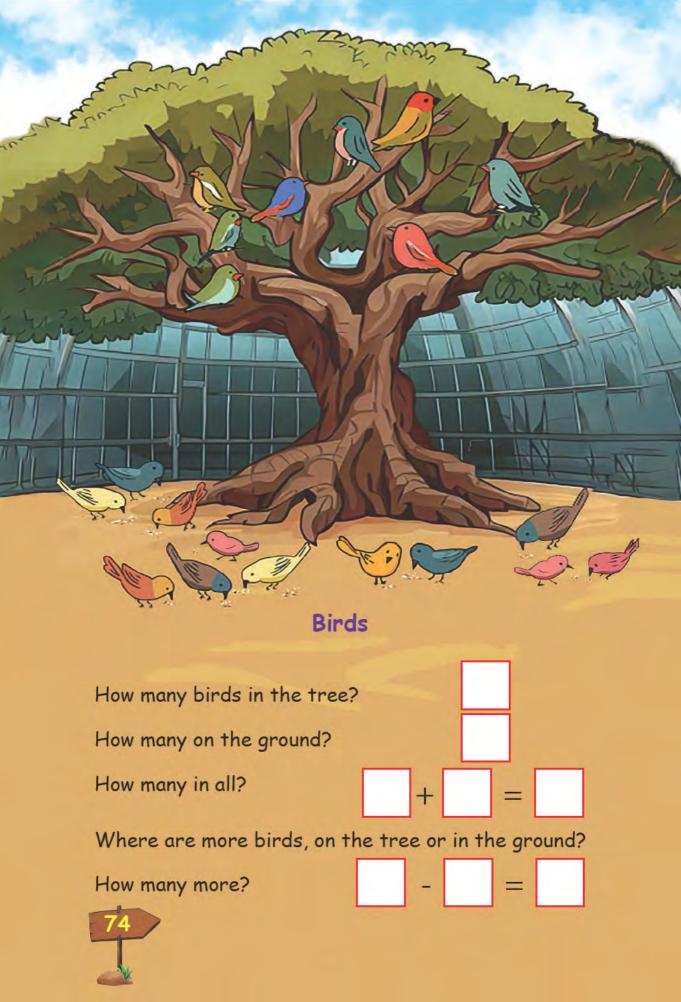


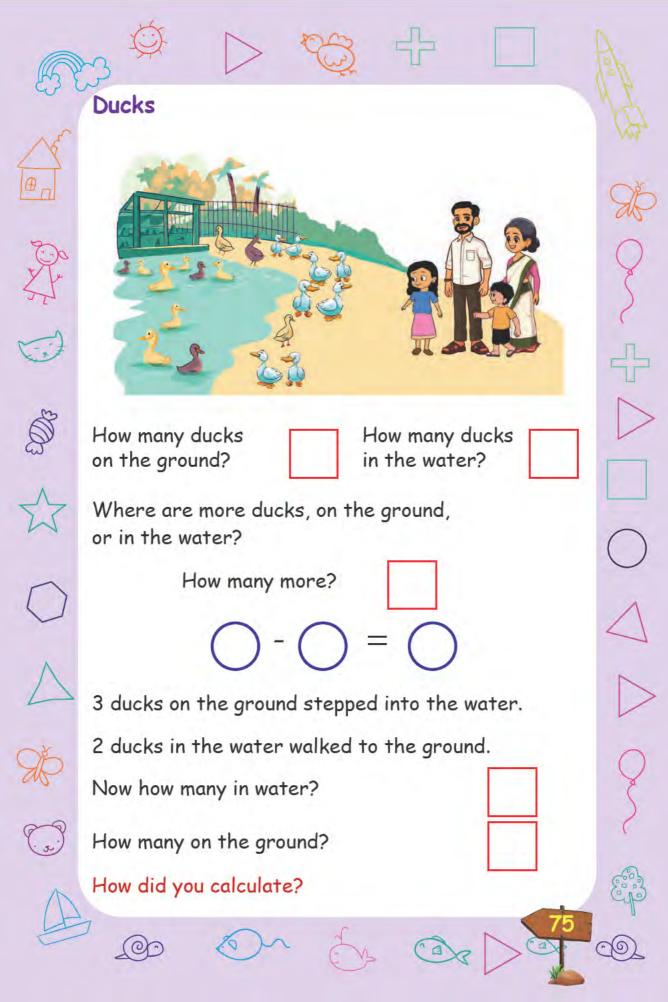
How many?....

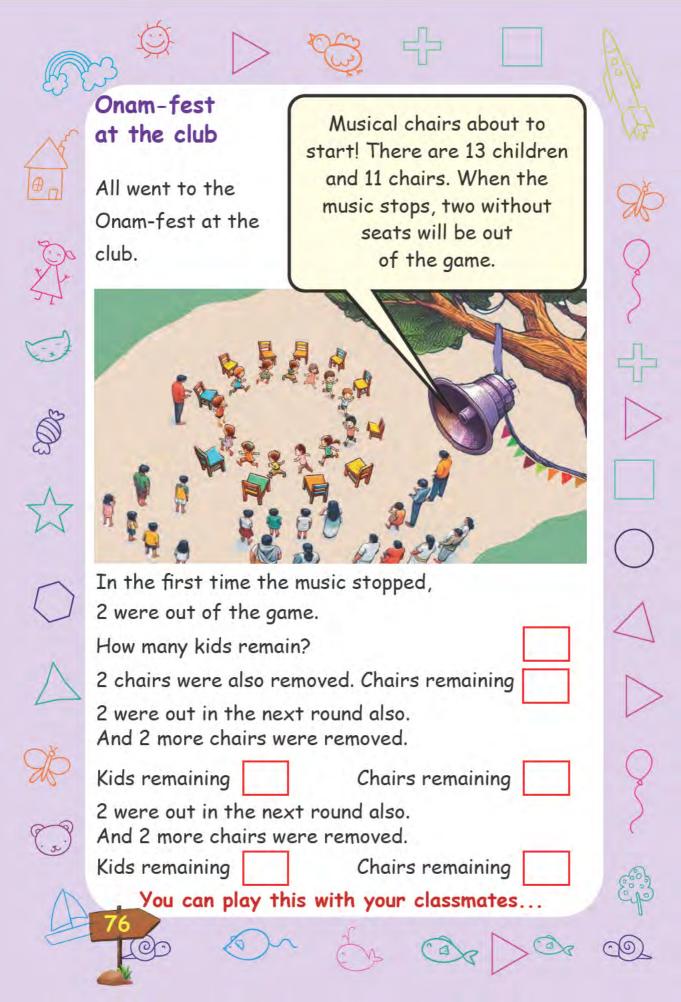


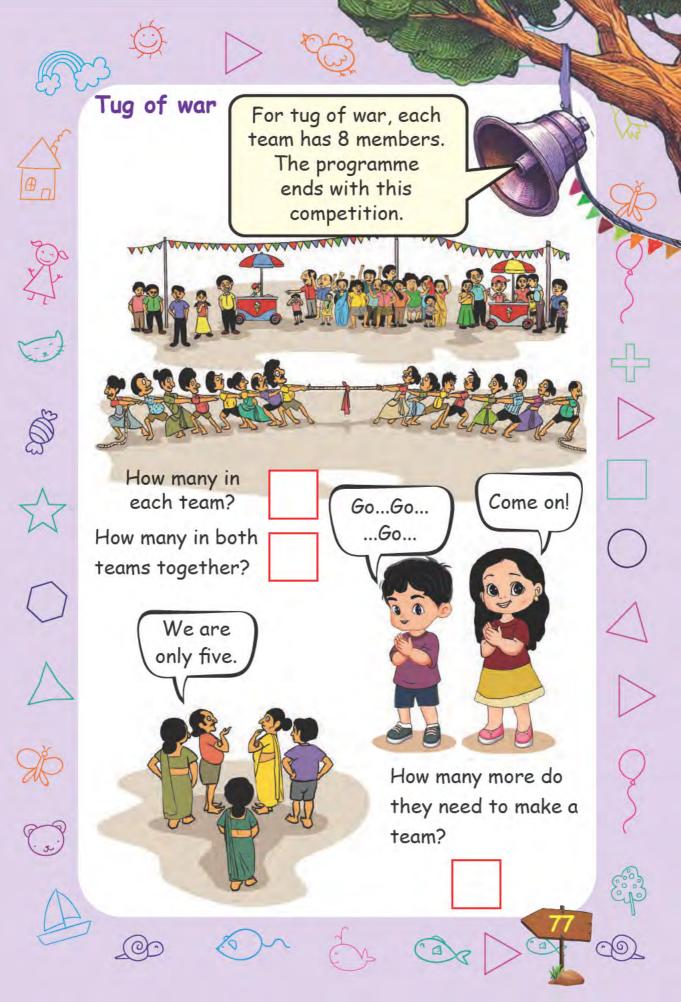


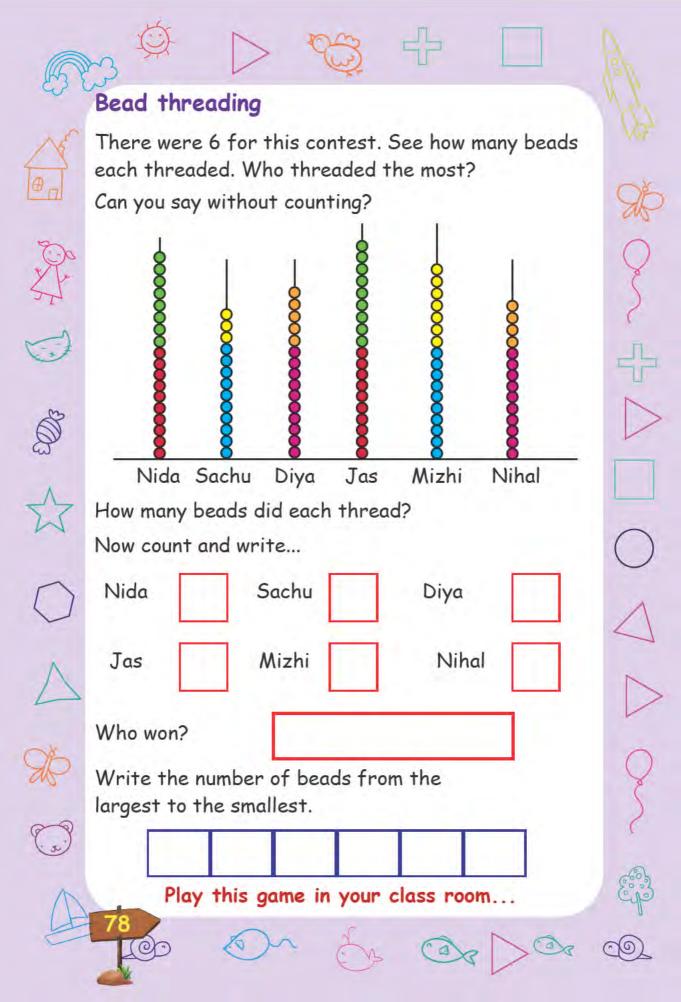


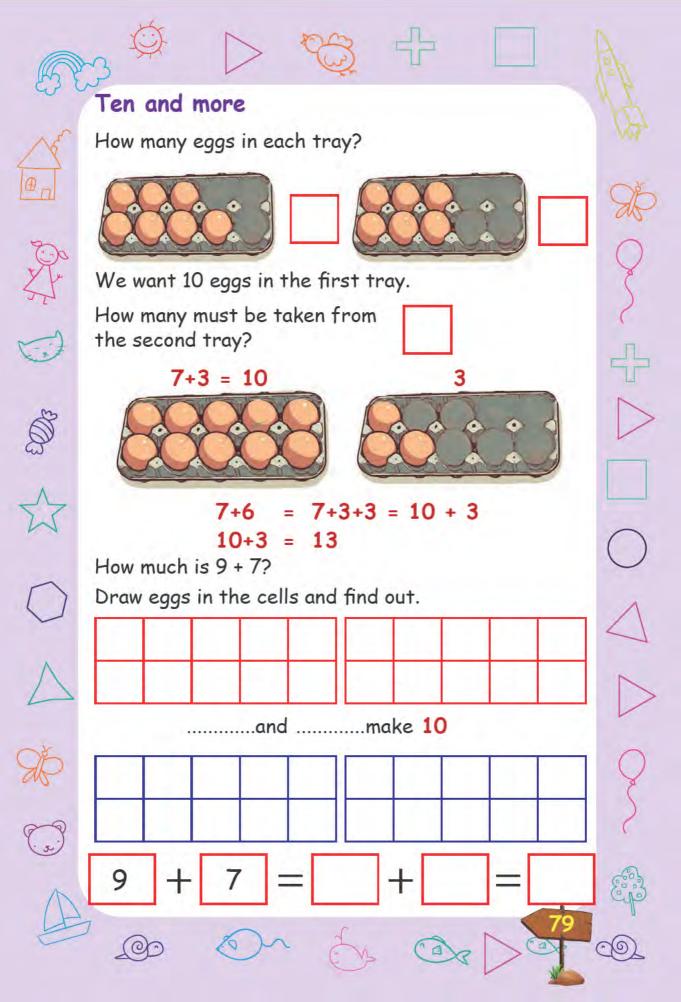


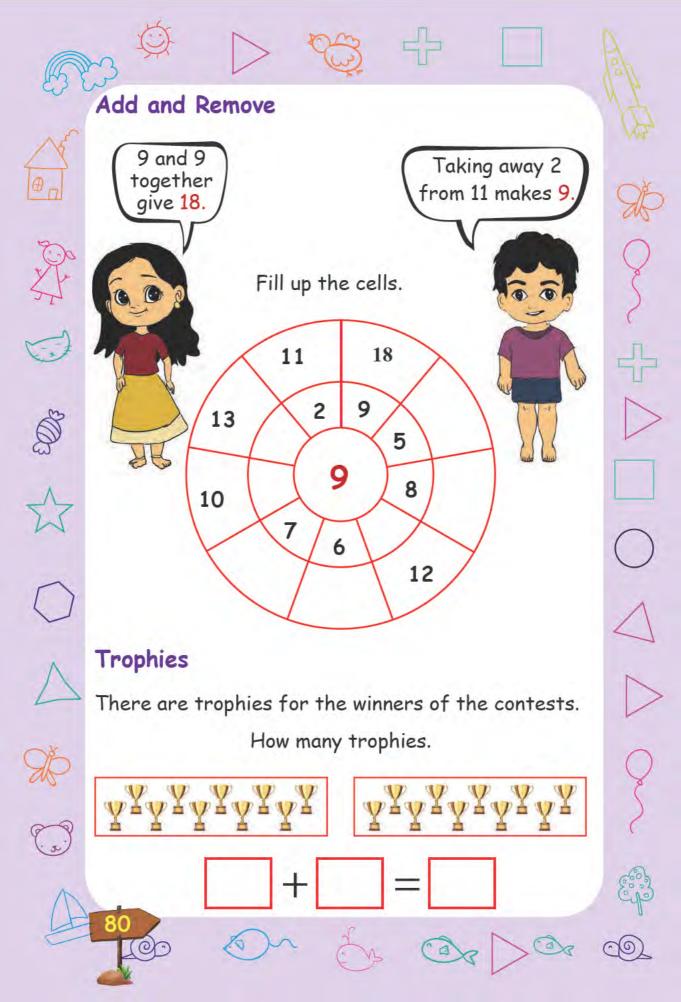


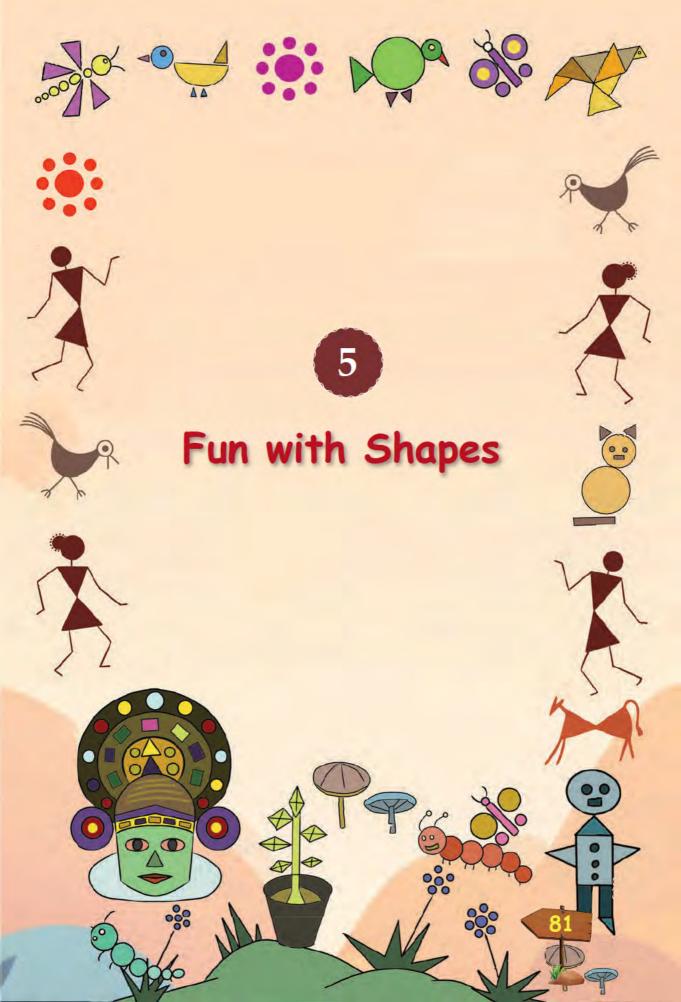


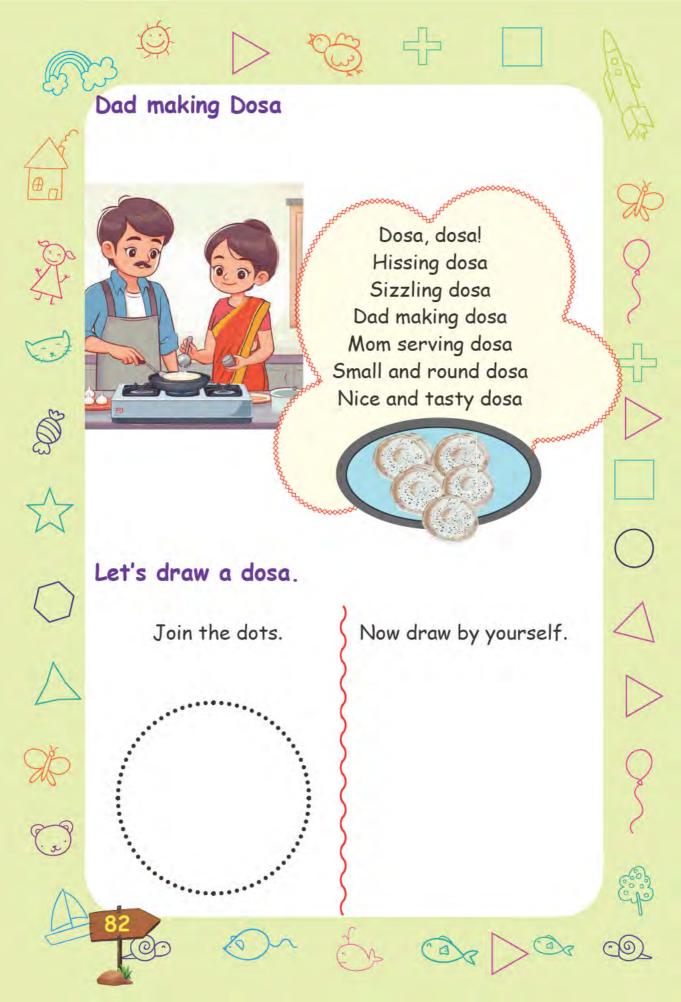


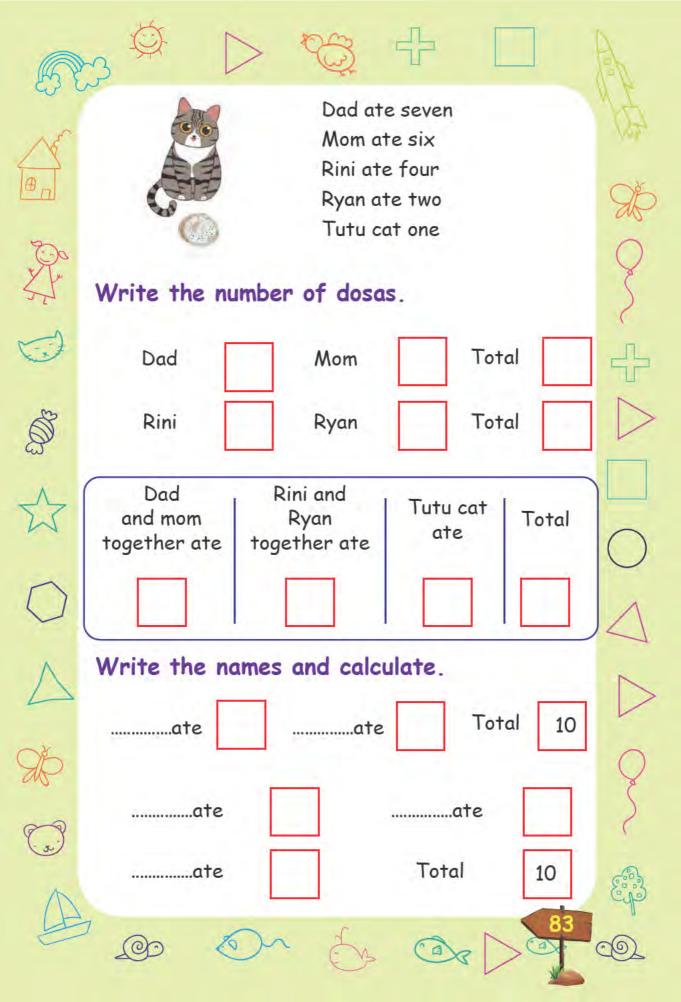


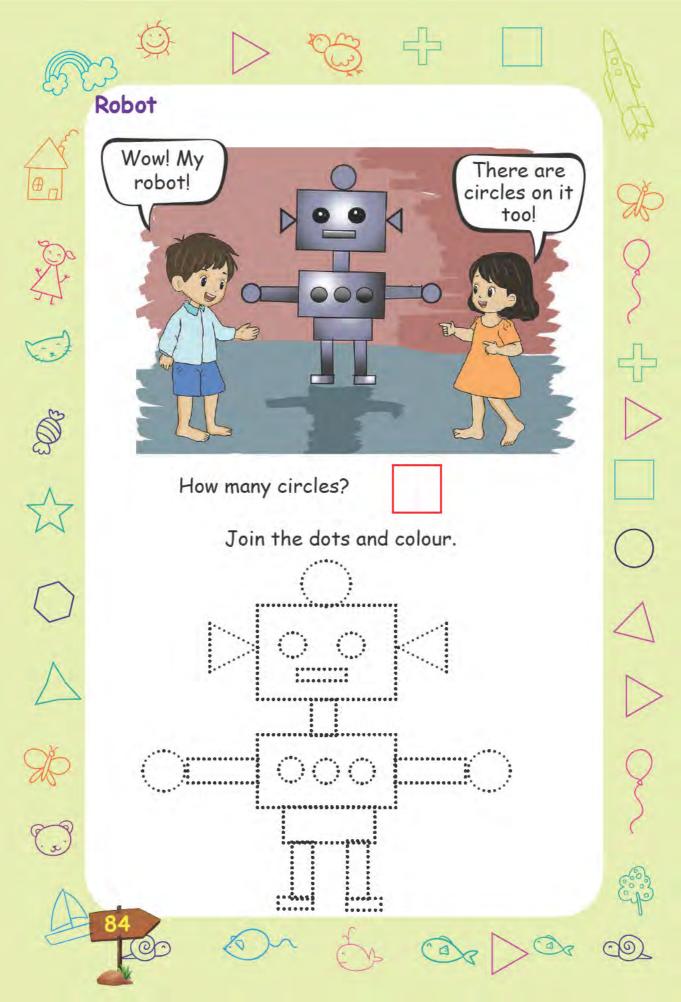


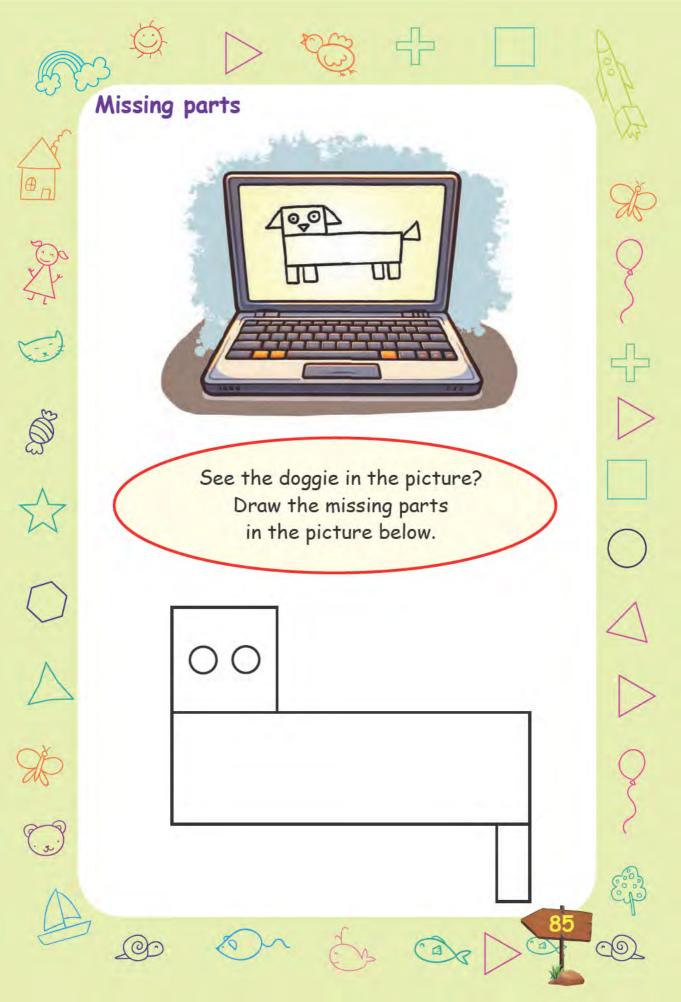


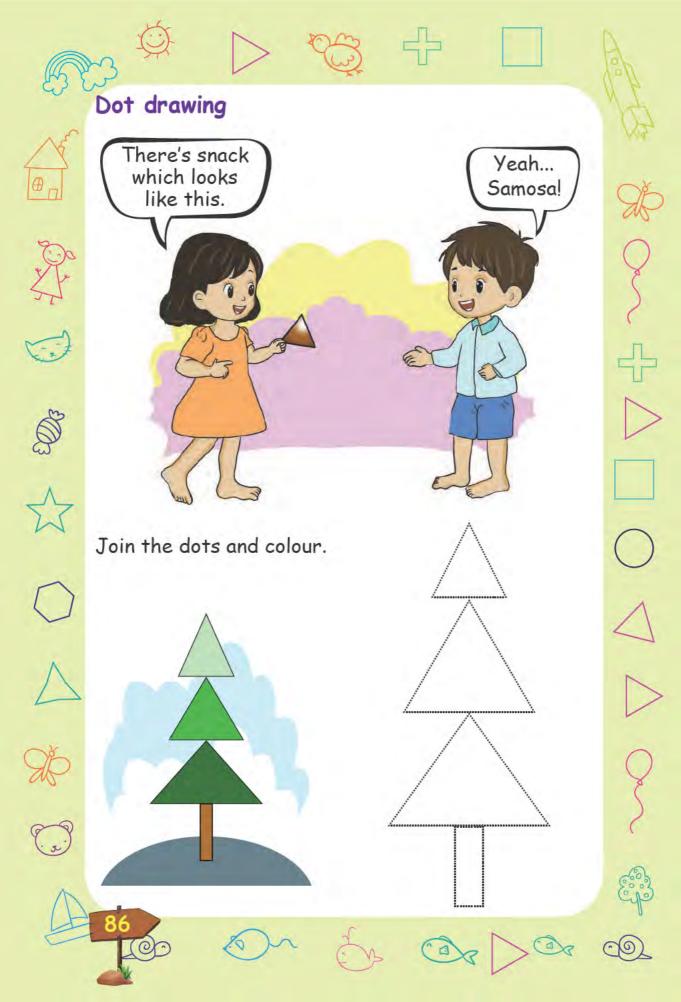




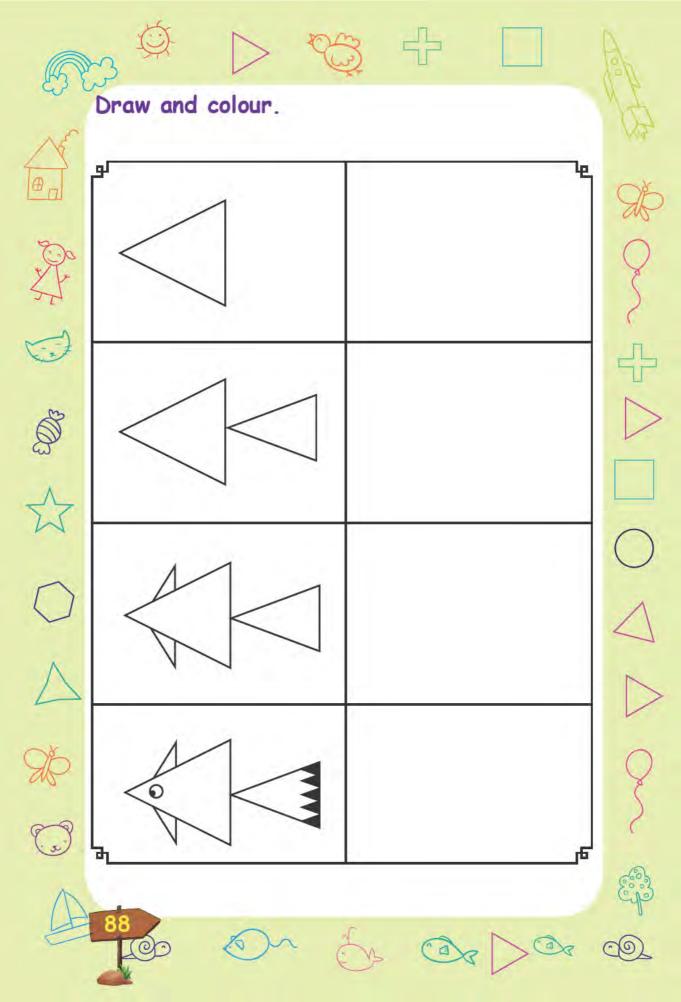


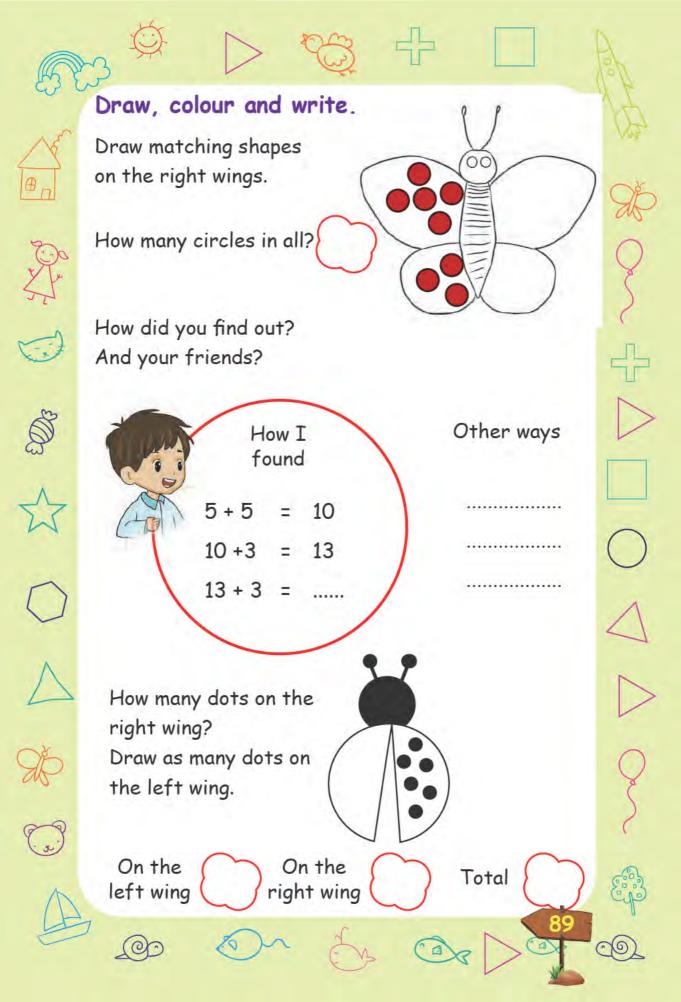


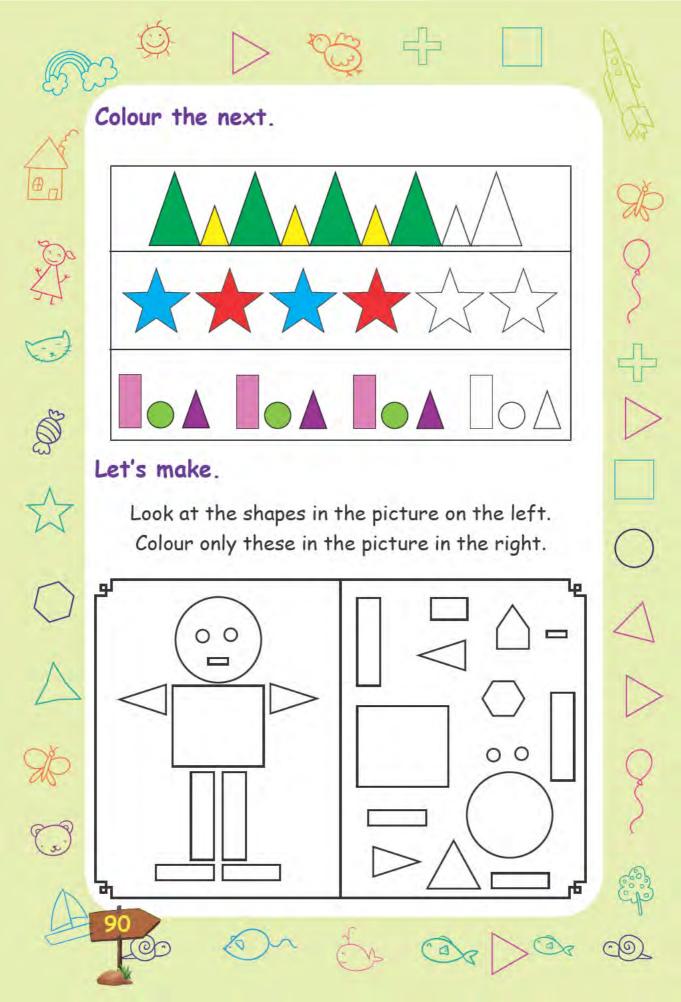


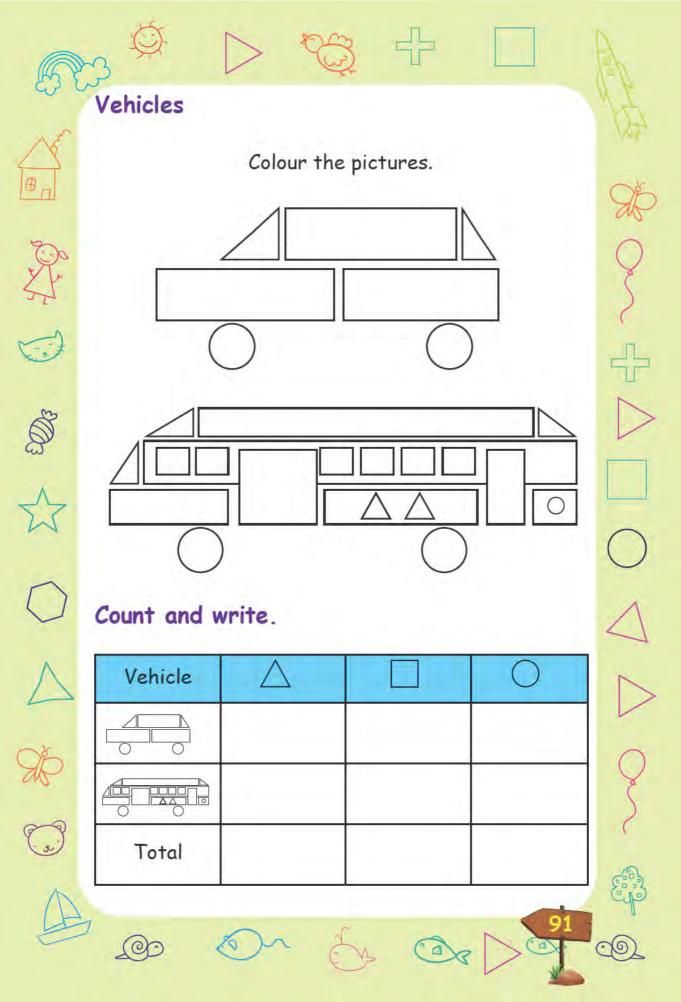


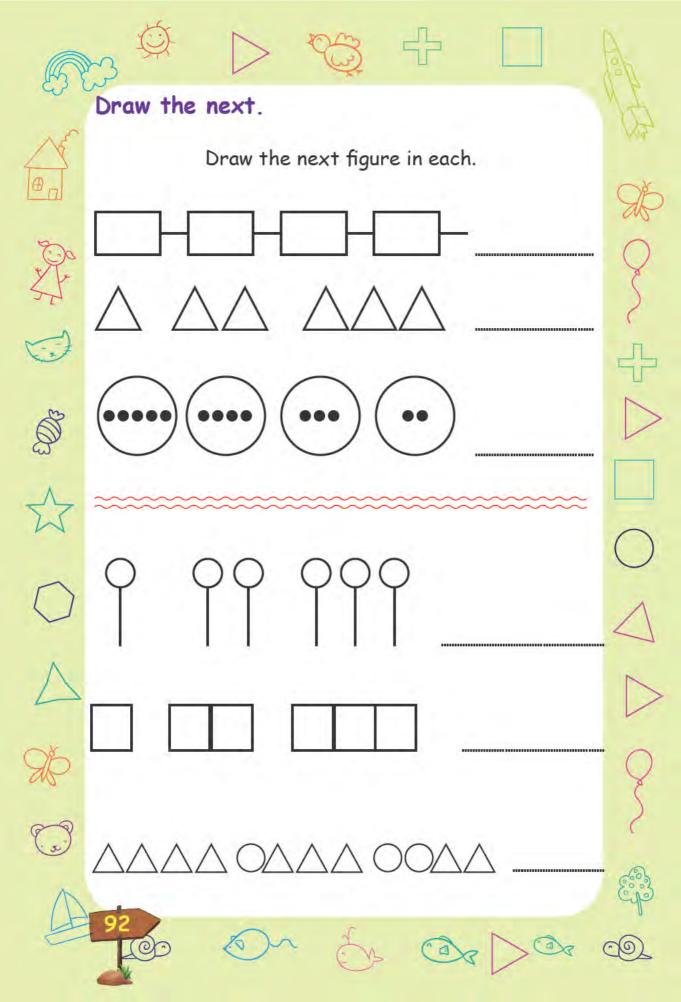


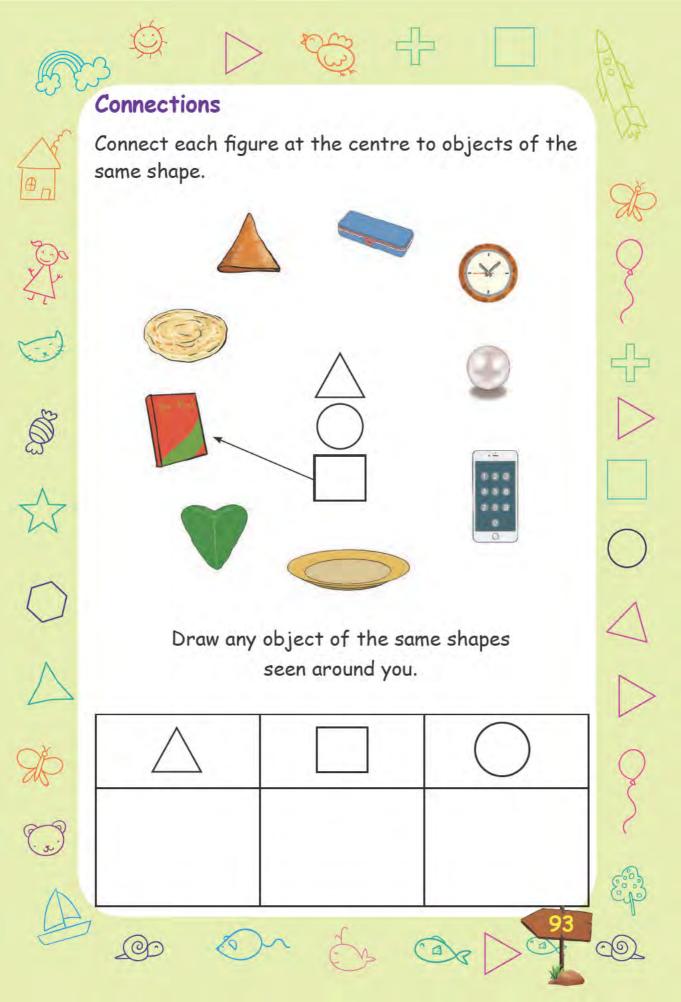


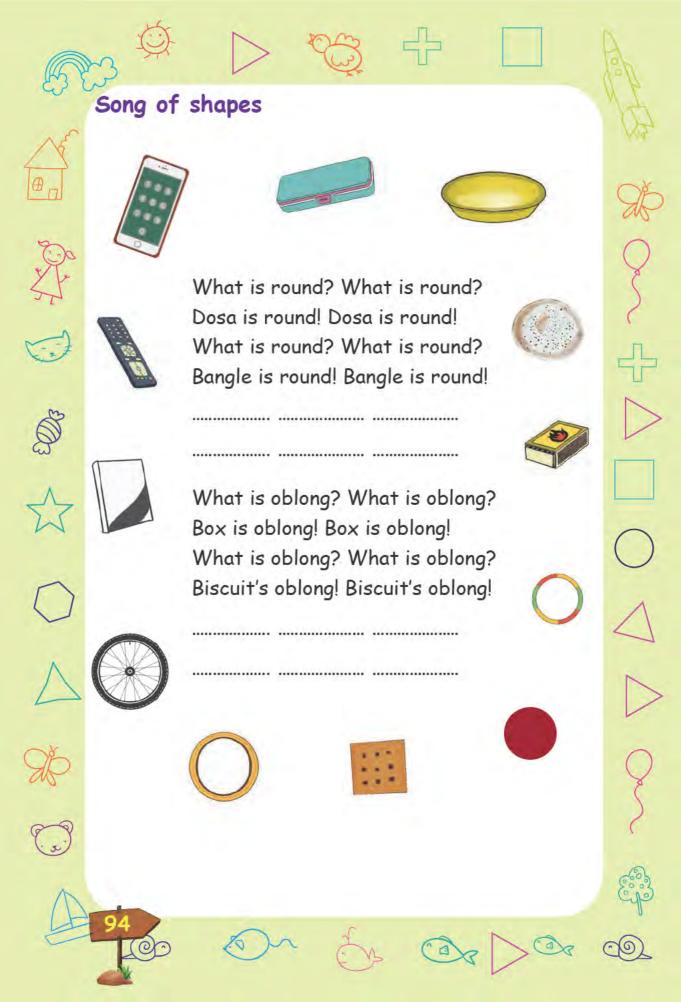












CONSTITUTION OF INDIA Part IV A

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