

My Mathematics

Grade - 1

Student's Name :

Roll Number :

School's Name :

Government of Nepal
Ministry of Education, Science and Technology
Curriculum Development Centre

Publisher: Government of Nepal
Ministry of Education, Science and Technology
Curriculum Development Centre
Sanothimi, Bhaktapur

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Send your comments and suggestions to:

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Preface

Curriculum Development Centre (CDC) revises curricula and textbooks on a regular basis to make education relevant to changed context. Keeping to the tradition, the new Basic Level Curriculum (Grades 1-3) developed as an integrated form is based on the guiding principles of National Curriculum Framework 2019. To see their relevance and practicalities, both the curriculum and the book of Grade 1 were piloted in over 100 schools across the country in the academic year 2076 BS. The curriculum has been updated on the basis of the feedback obtained from different stakeholders. Likewise, this book has also been revised on the basis of the updated version of the integrated curriculum and as well as the feedback obtained from the piloting. The book is organized under six multidisciplinary themes and incorporates the competencies and the language functions outlined in the curriculum. Due to this, it is expected to help in integrated teaching and learning process. This book can be used as a textbook as well as a workbook.

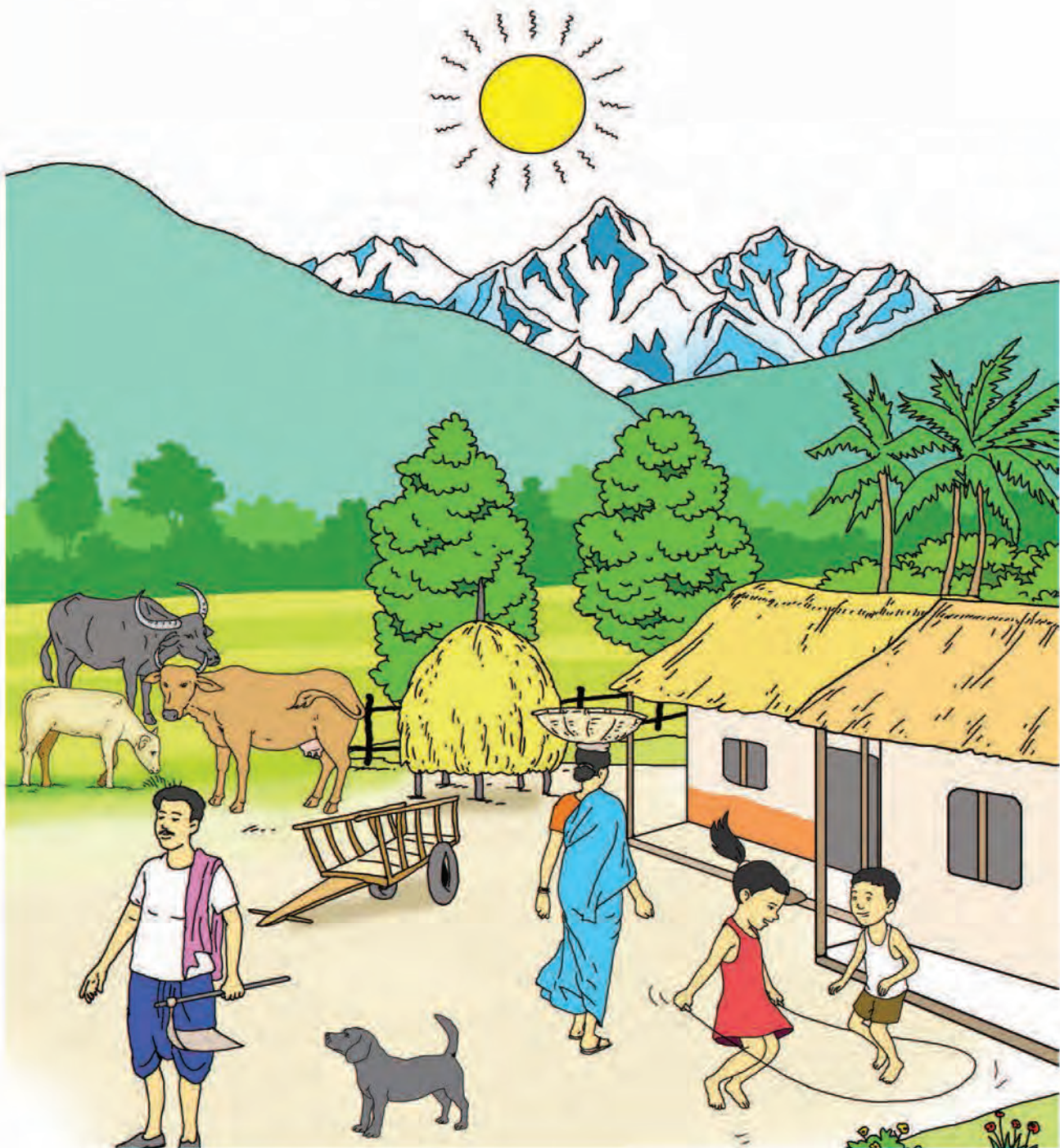
This Nepali version of this book was initially developed by Prof. Uma Nath Pandey, Mr. Ramesh Prasad Awasthi, Mr. Bishnu Prasad Paneru and Mr. Jagannath Adhikari. The English version of Grade 1 Mathematics was done by Mr. Jagannath Adhikari. The Director General, Mr. Baikuntha Prasad Aryal has contributed to bring the book in this form. Various people have contributed to bring this book in this form, notably; Prof. Dr. Ram Man Shrestha, Mr. Laxmi Narayan Yadav, Mr. Baikuntha Prasad Khanal, Dr. Dipendra Gurung, Mr. Krishna Prasad Pokharel, Mr. Raj Kumar Mathema, Ms. Goma Shrestha, Mr. Anirudra Prasad Neupane and Ms. Reetu Shrestha. The Centre would like to extend its sincere thanks to all the people who have contributed for the development of this book.

An attempt has been made to make this book accessible and learner friendly. In order to make its effective use, the teacher needs to be a facilitator in the classroom. The Centre believes that it will also work as a self-access learning resource for the students. The Centre always welcomes constructive feedback for bringing improvements in its materials.

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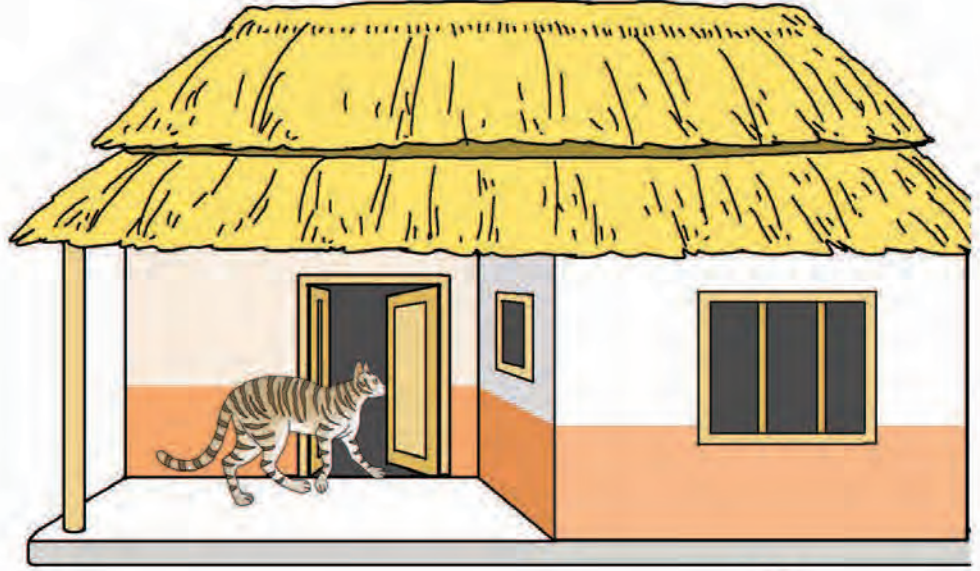
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Look at the picture and discuss.



Inside and Outside

Let's read the poem.

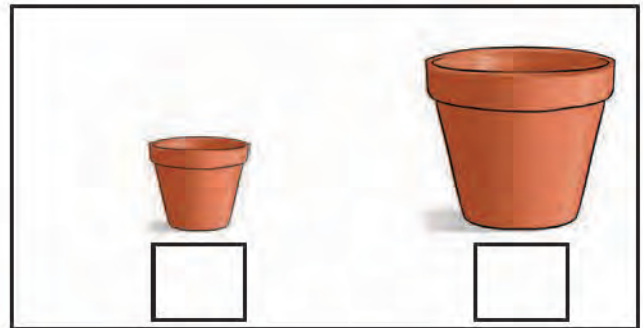
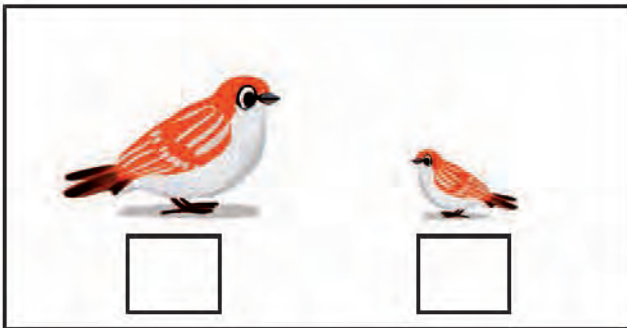
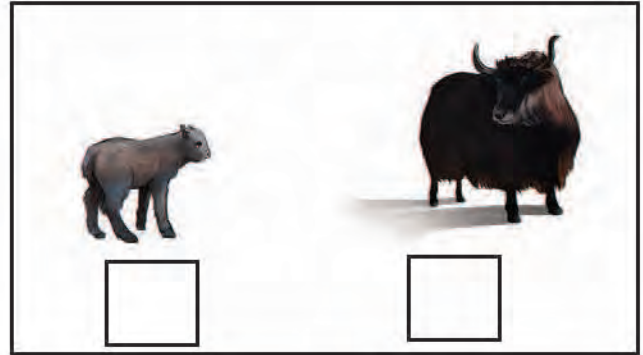
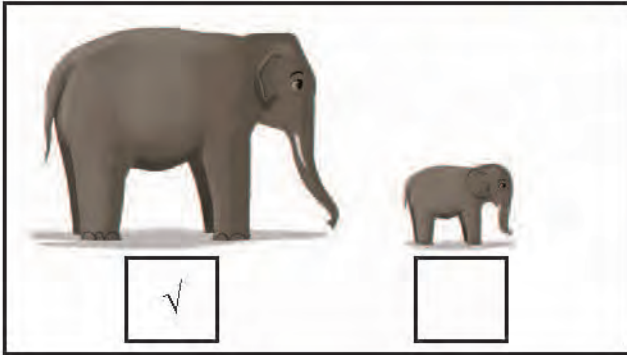


ढोका खुला देखेर
भित्र बाहिर हेरेर
एउटा ढाडे बिरालो
घरभित्र पसेछ
दुधको कराई देखेर
खान अघि बढेछ
बिरालालाई देखेर
बालक भित्र गएछ
डराउँदै बिरालो
बाहिरतिर भागेछ

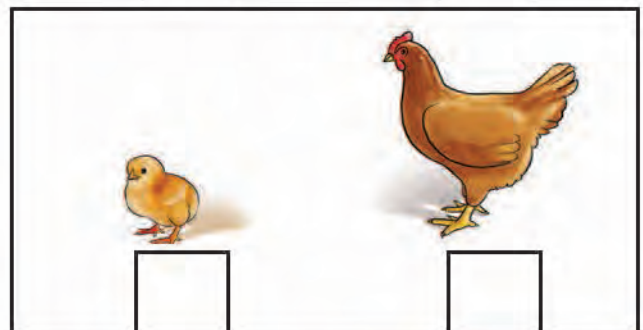
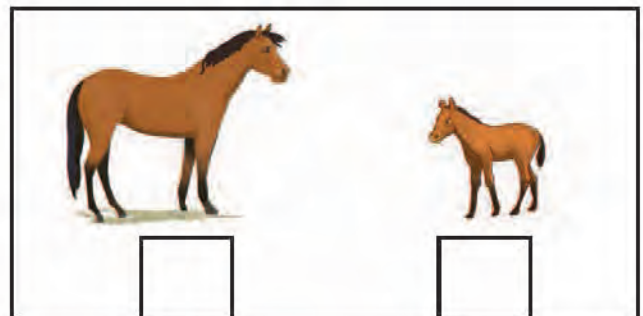


Big and Small

Tick (✓) the bigger ones.

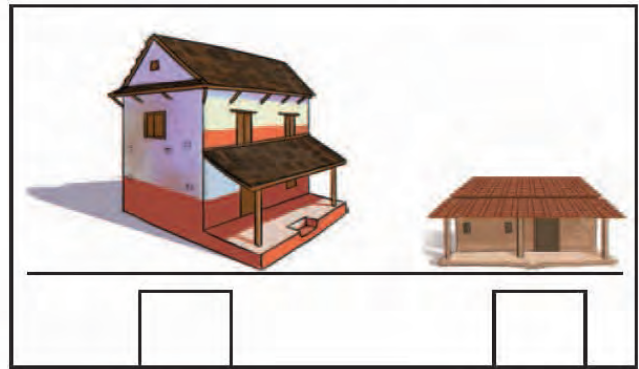
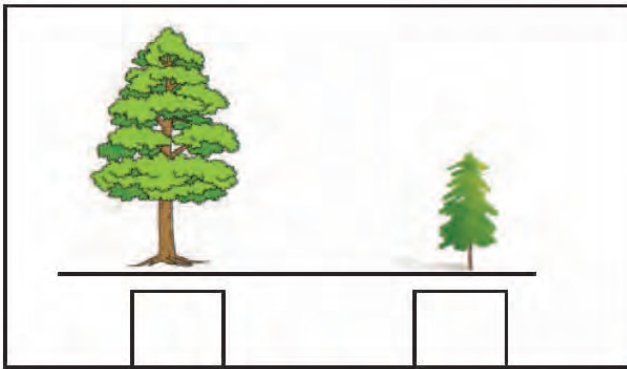
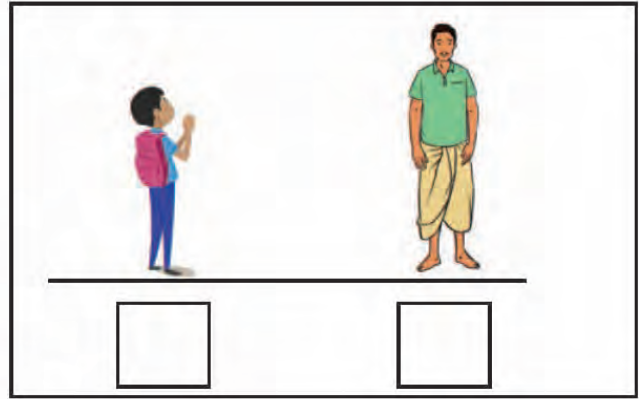
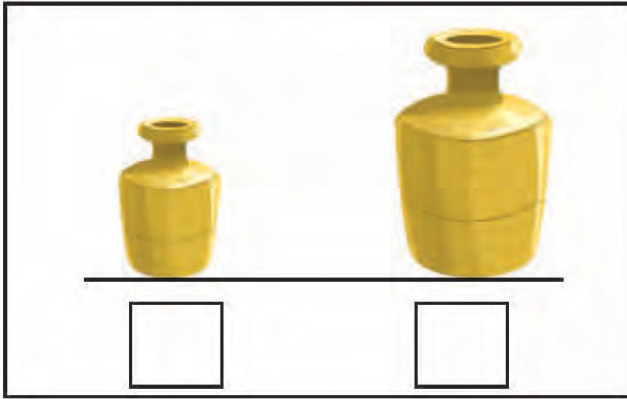


Tick (✓) the smaller ones.

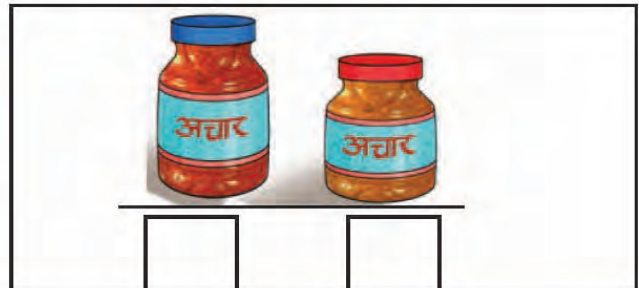
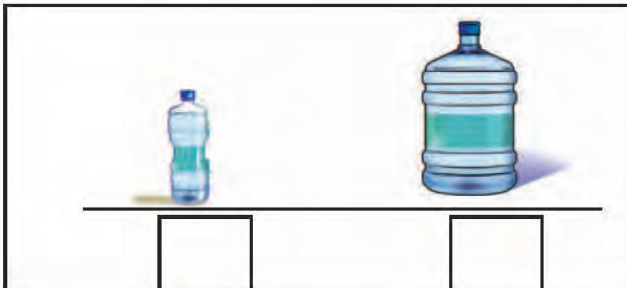
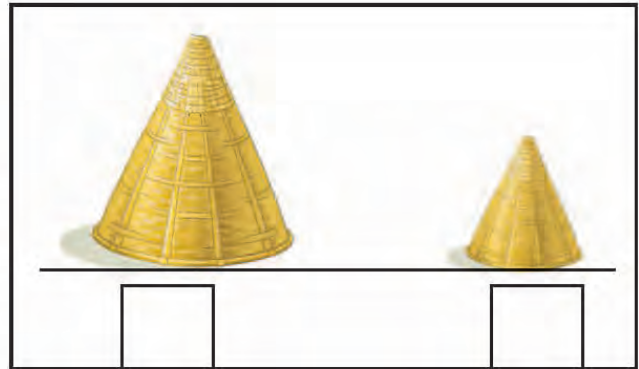
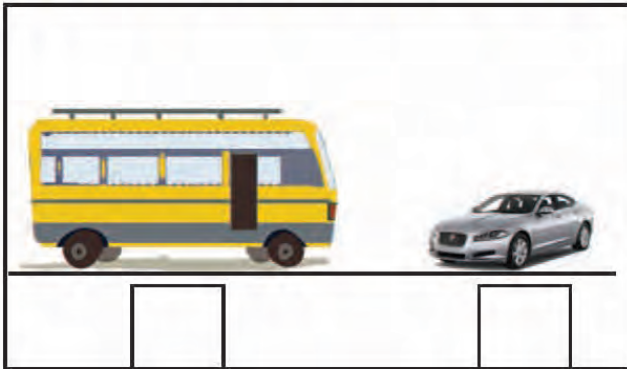


Tall and Short

Tick (✓) the taller ones.

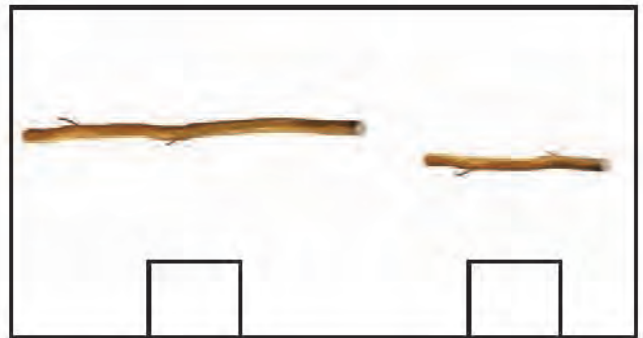
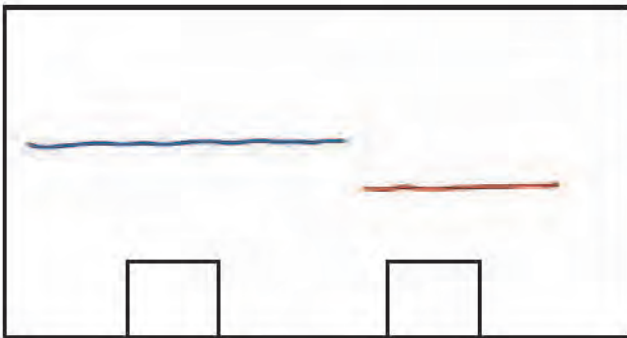
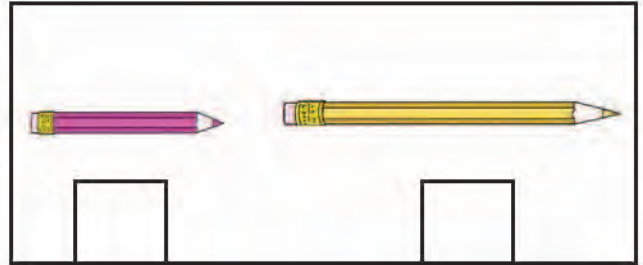
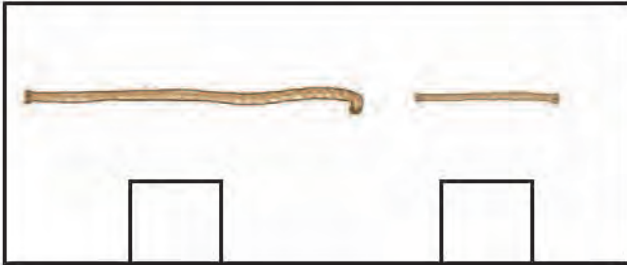


Tick (✓) the shorter ones.

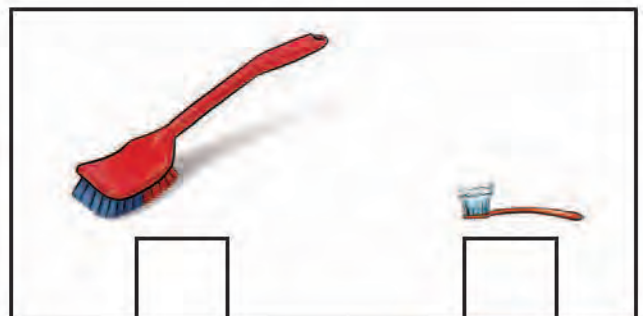
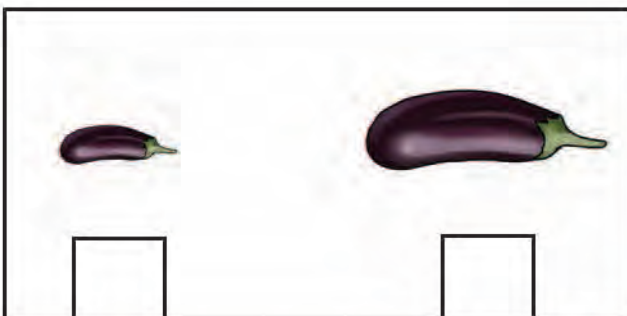
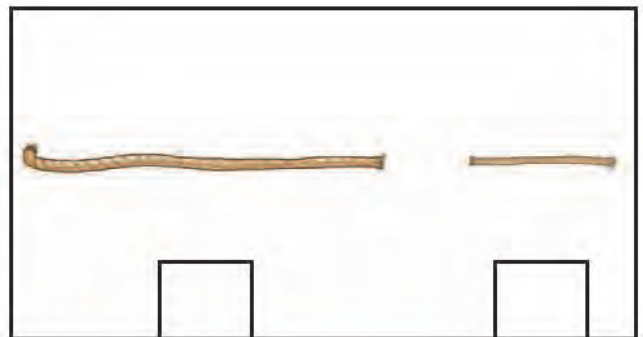
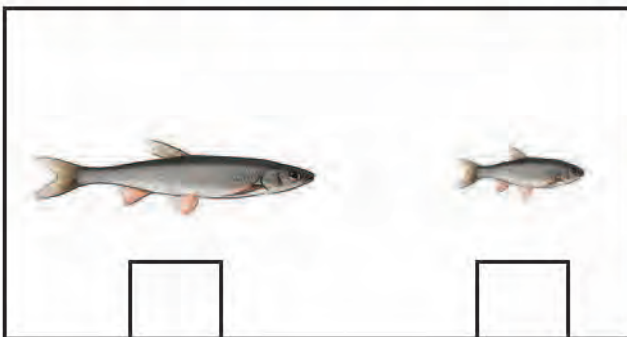


Long and Short

Tick (✓) the longer ones.



Tick (✓) the shorter ones.



Left and Right



Raise your right hand.



Look at the right side.



Raise your left hand.



Look at the left side.



▶ Tick (✓) the picture which is on the right.



▶ Tick (✓) the picture which is on the left.



In front, between and behind

Look at the picture and answer.

What is in front of the duck?

What is behind the duck?

Which is in the front?

Which is behind?

Which is in between?



► Tick (✓) the picture which is in the front.

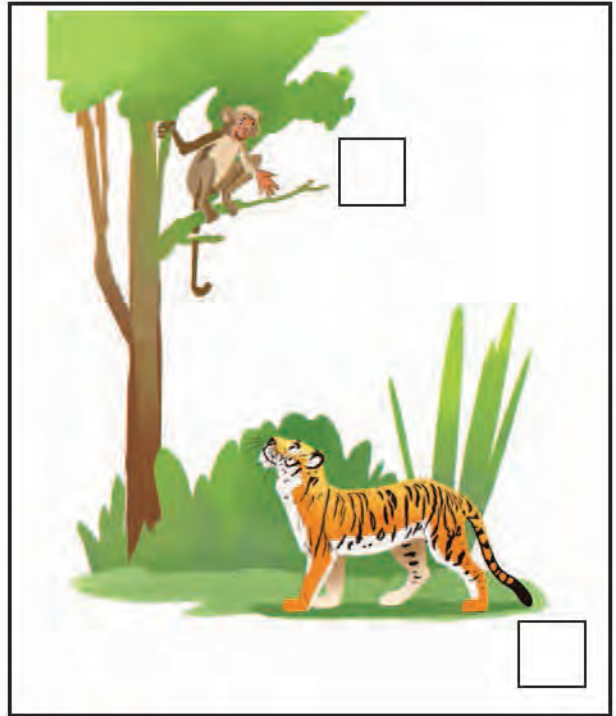
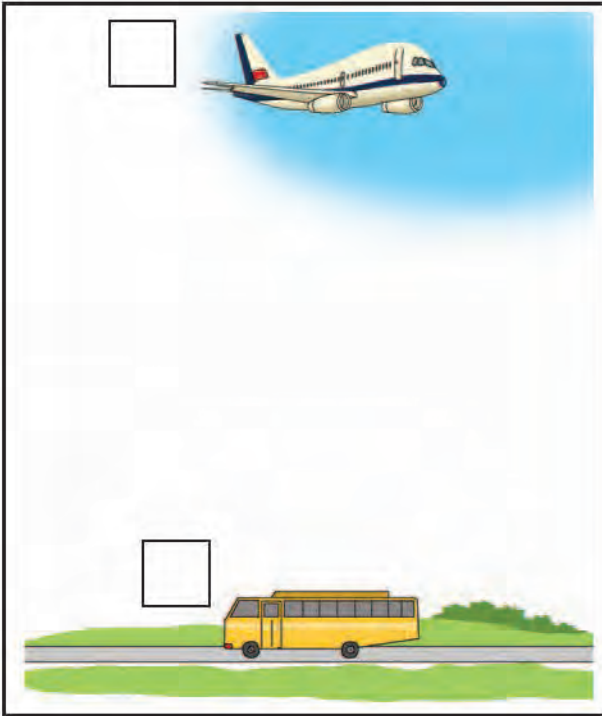
 

► Tick (✓) the picture which is behind.

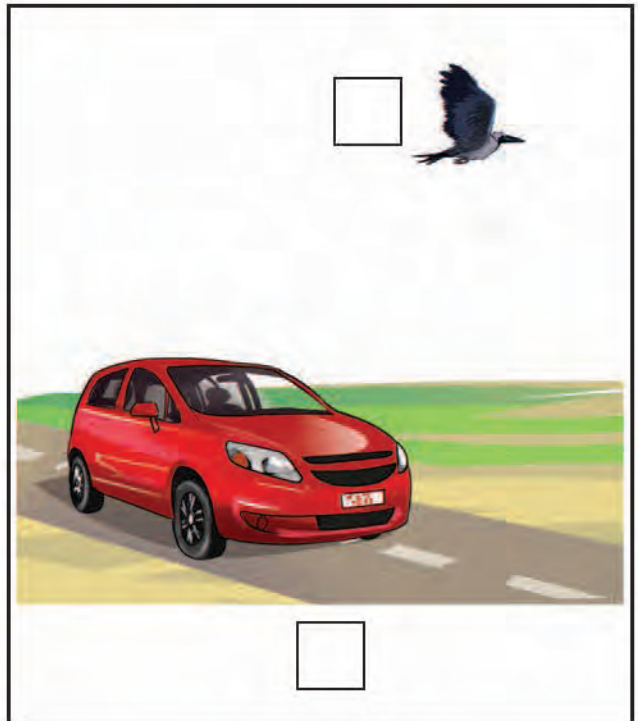
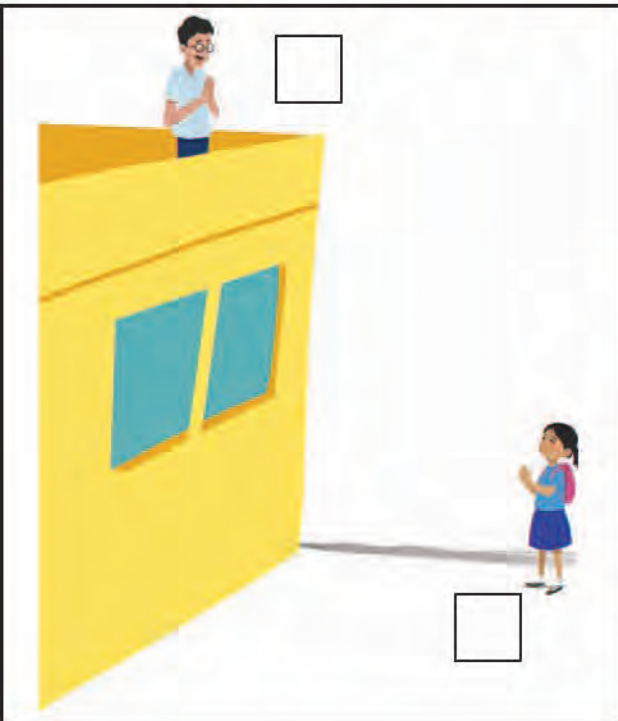
 

Above and Below

► Tick (✓) those which are above.

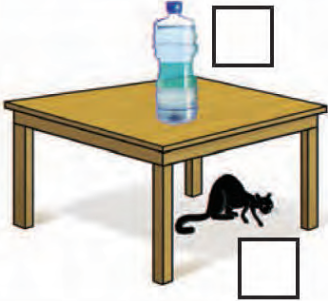

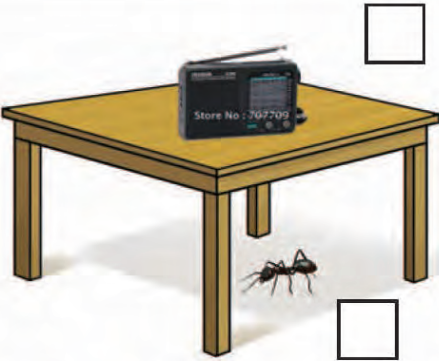



► Tick (✓) those which are below.


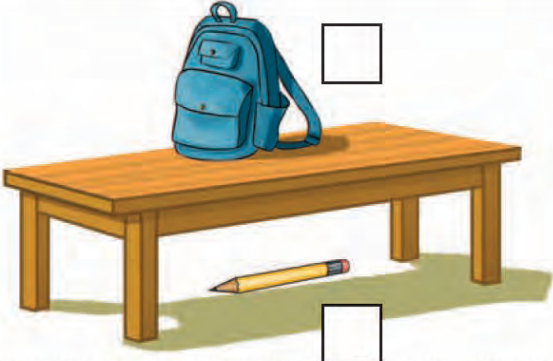
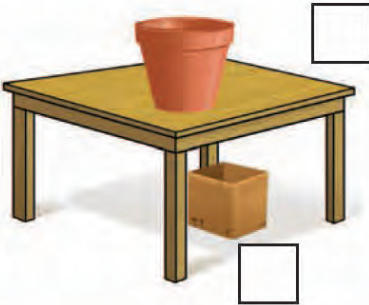
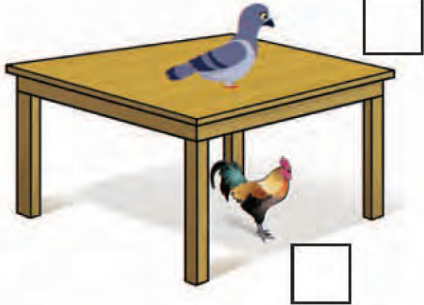


On and Under

► Tick (✓) those which are on the table.

 <input type="checkbox"/> <input type="checkbox"/>	 <input type="checkbox"/> <input type="checkbox"/>
 <input type="checkbox"/> <input type="checkbox"/>	 <input type="checkbox"/> <input type="checkbox"/>

► Tick (✓) those which are under the table.

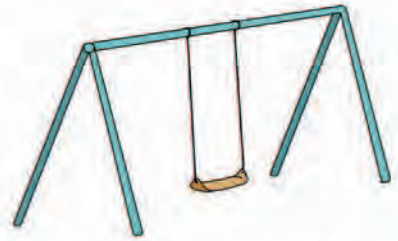
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Closer to and far away

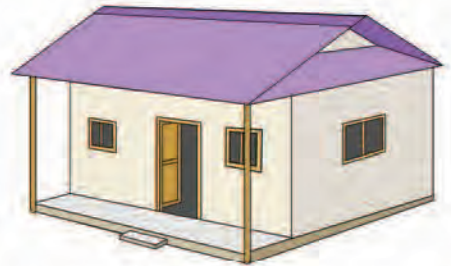
Let's discuss.

Who is closer to the swing?

Who is far away from the swing?



Is it the house or the tree which is far away from the students?



Which animal is closer to the food?



► Tick (✓) the one which is closer to the cat.



► Tick (✓) the one which is farther away from the elephant.



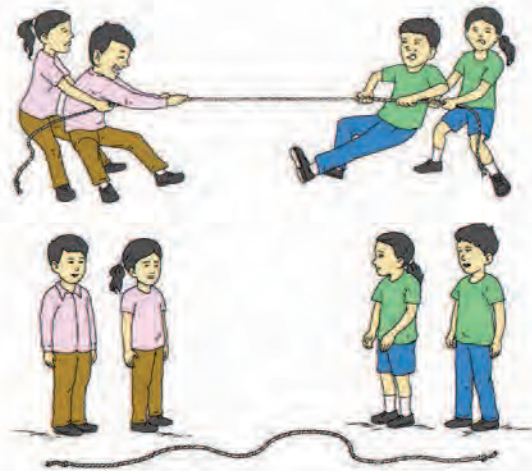
► Tick (✓) the one which is closer to the temple.



► Let's discuss about Small and Big, Tall and Short, Closer to and Far away, Above and Below, On and Under, Inside and Outside.



► **Let's discuss.**

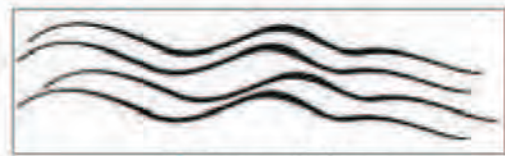


The rope stretched in the picture is straight.

The rope unstretched in the picture is curved.

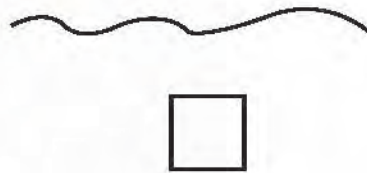
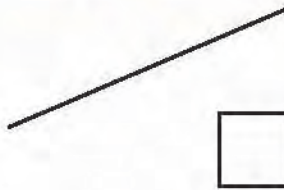


Straight lines

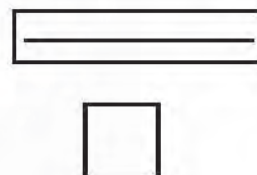
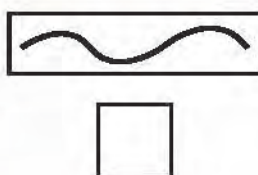


Curved lines

► **Tick (✓) the straight line.**

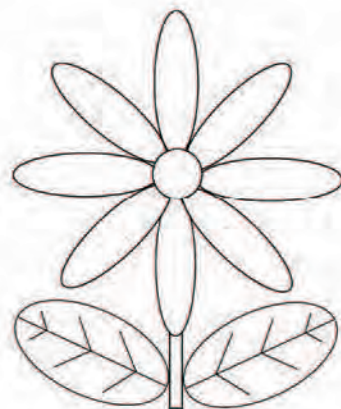
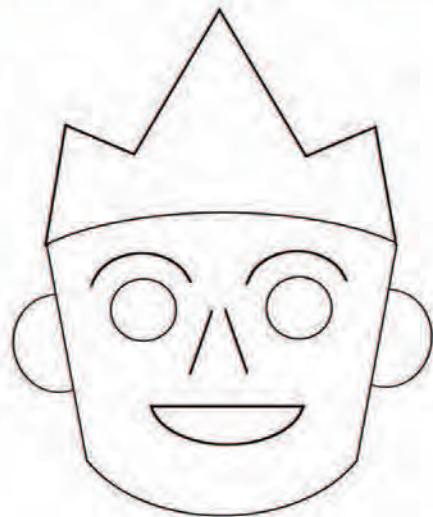
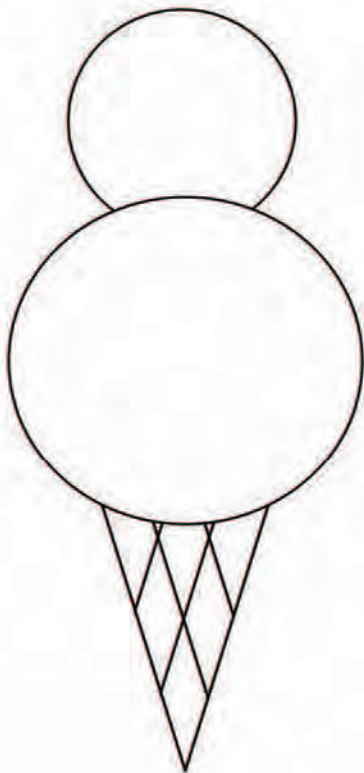
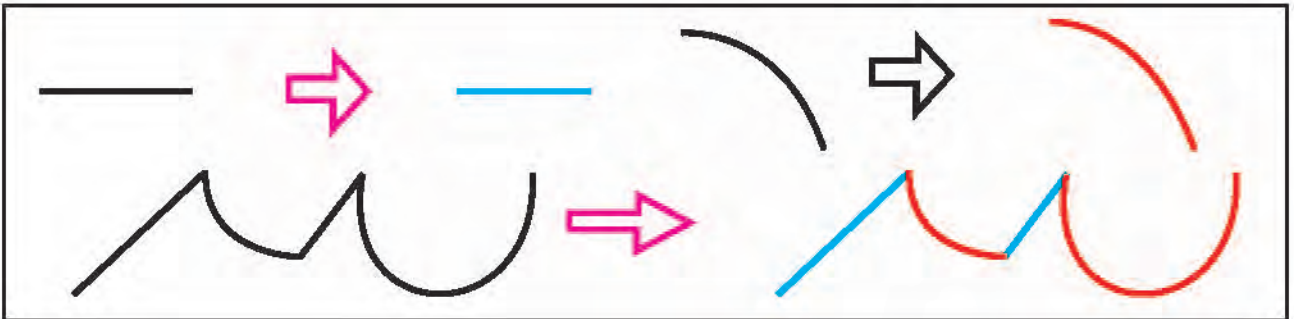


► **Tick (✓) the curved line.**



Lines

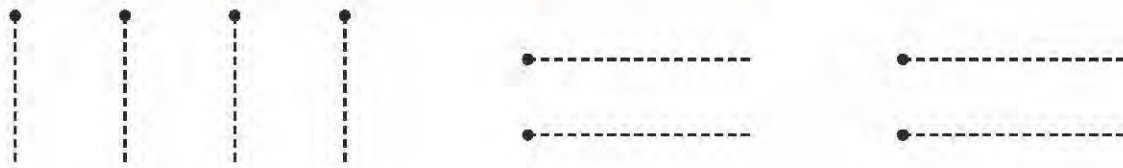
► Colour straight line in **Blue** and curved line in **Red**.



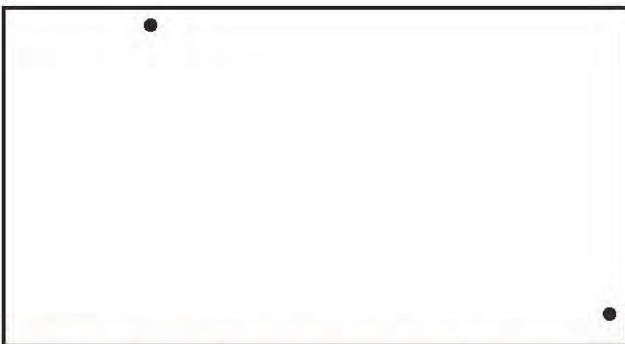
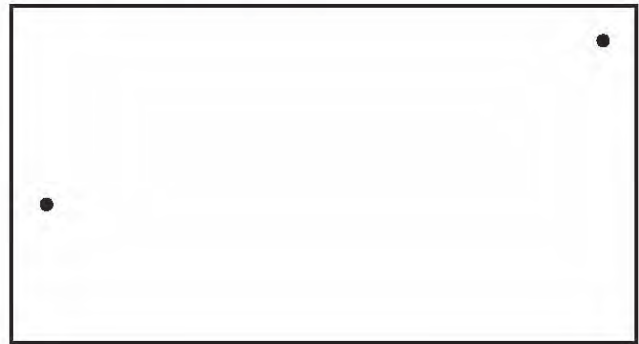
► Let's draw a line.



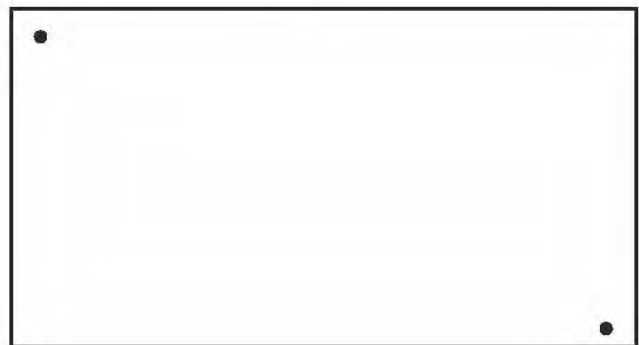
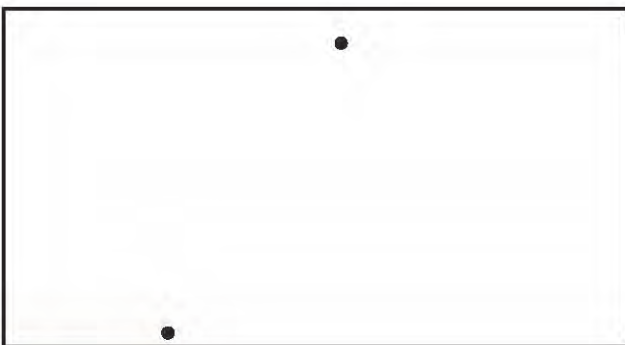
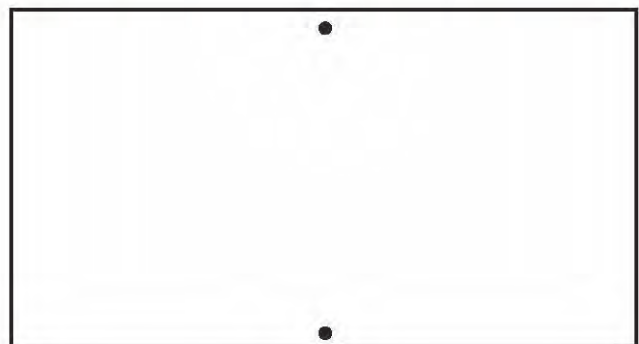
► Draw lines by joining the dots.



► Join the two dots given below by drawing a line using an object with a straight edge.



► Join the two dots given below by drawing a line without using an object with a straight edge.

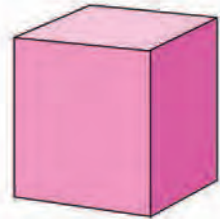


Geometric Shapes

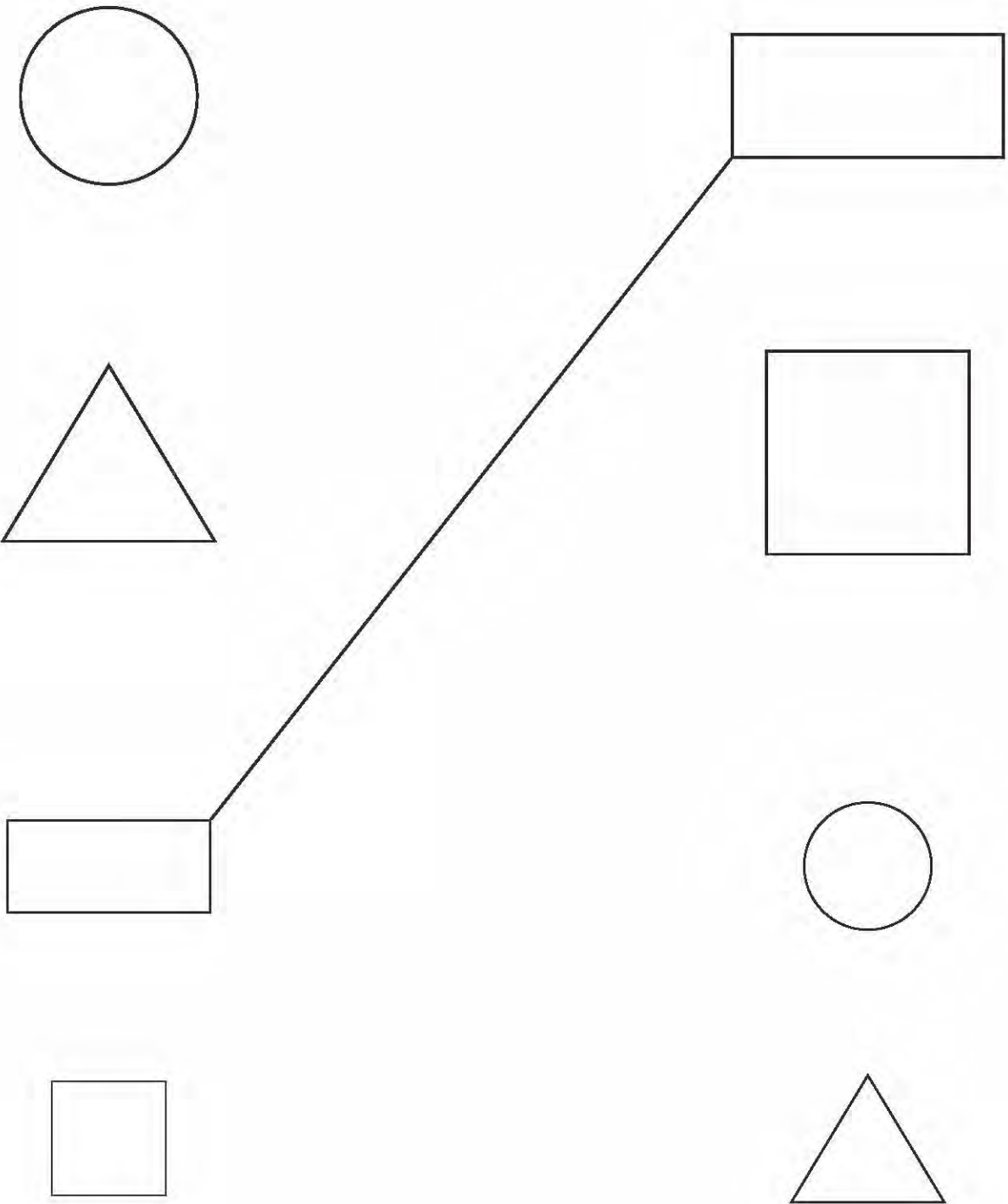
3

The Shapes I Have Seen

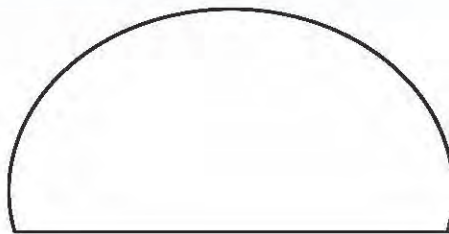
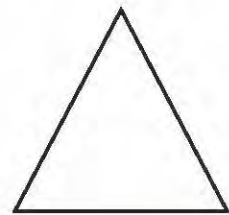
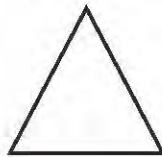
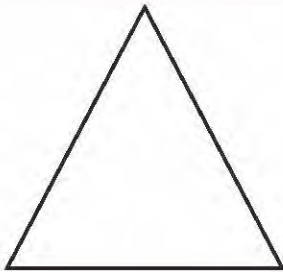
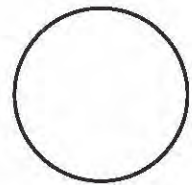
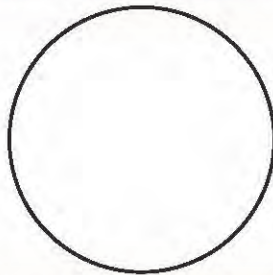
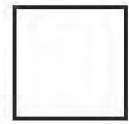
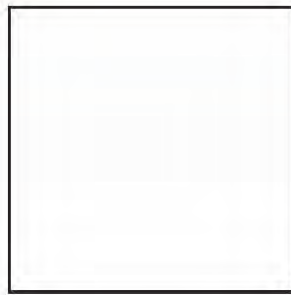
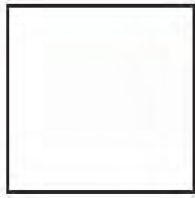
Draw lines to join the objects with similar shapes.



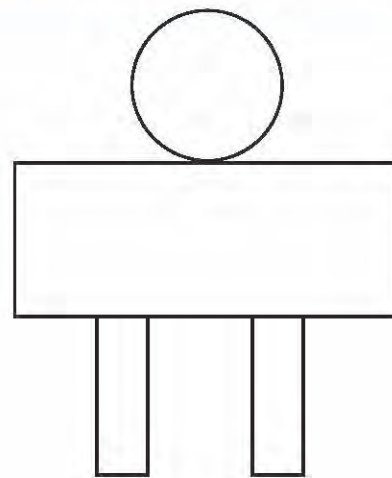
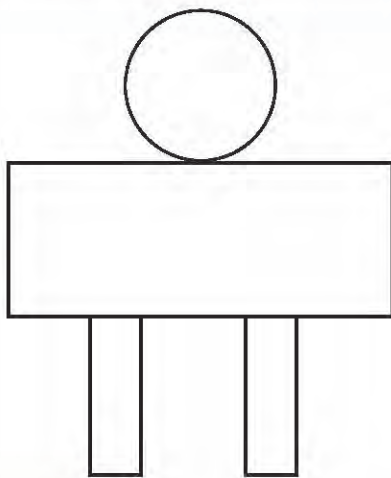
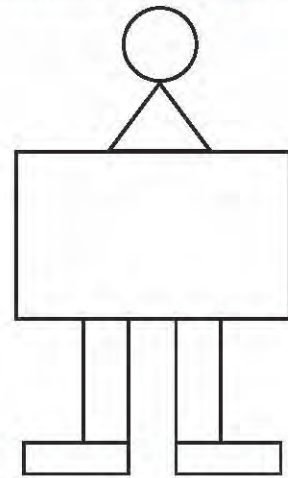
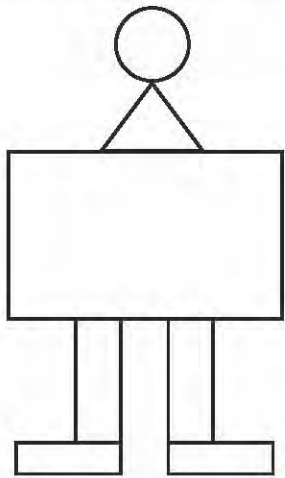
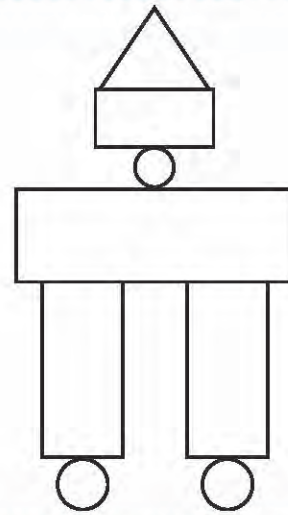
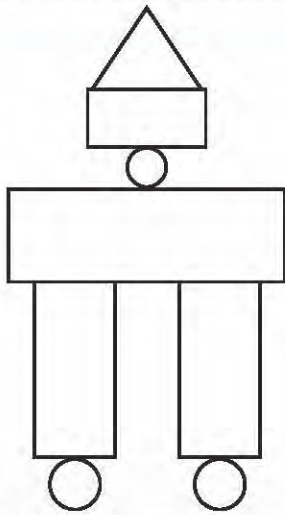
► Join the similar figures with a line.



► Colour the smallest figure in the group.

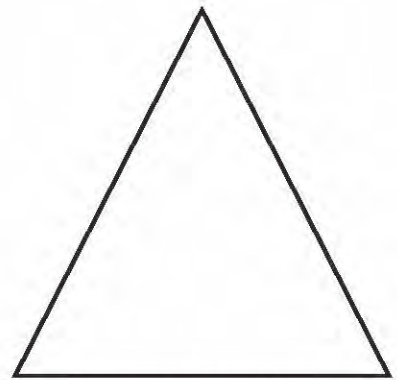


► Colour \triangle in red, \square in blue and \circ in green.

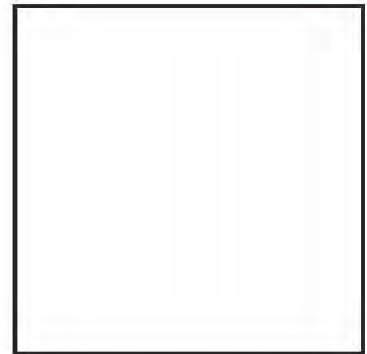
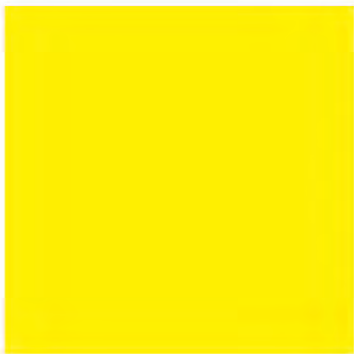


► Where have you seen the given figures below?
Discuss.

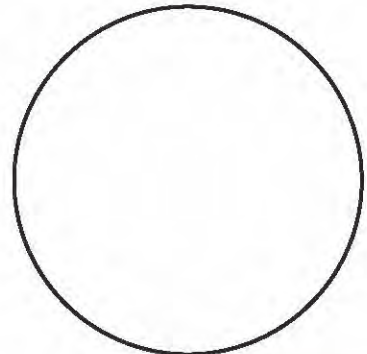
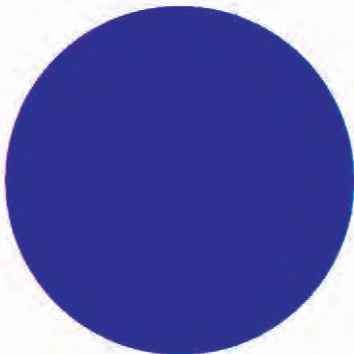
Triangle



Quadrilateral



Circle



► Look at the figures and tick (✓) the correct one.



- Circle
- Triangle
- Quadrilateral



- Circle
- Triangle
- Quadrilateral



- Circle
- Triangle
- Quadrilateral



- Circle
- Triangle
- Quadrilateral



- Circle
- Triangle
- Quadrilateral



- Circle
- Triangle
- Quadrilateral

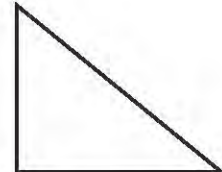
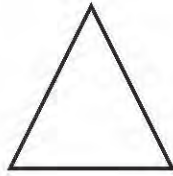
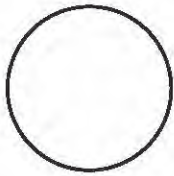


- Circle
- Triangle
- Quadrilateral

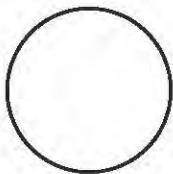
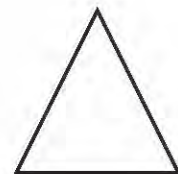
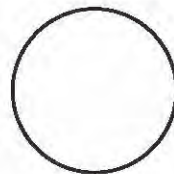


- Circle
- Triangle
- Quadrilateral

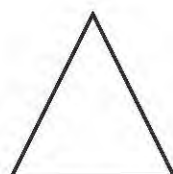
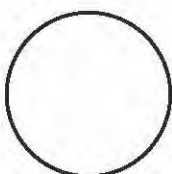
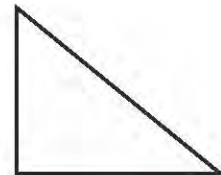
► Colour the triangle.



► Colour the circle.

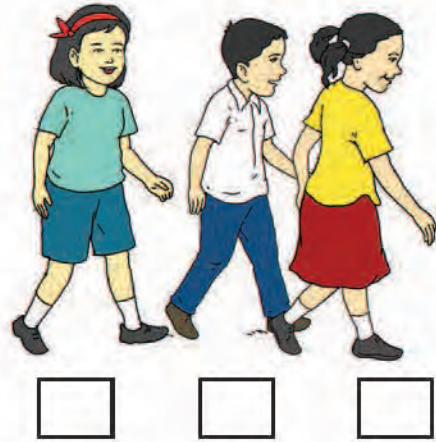


► Colour the quadrilateral.

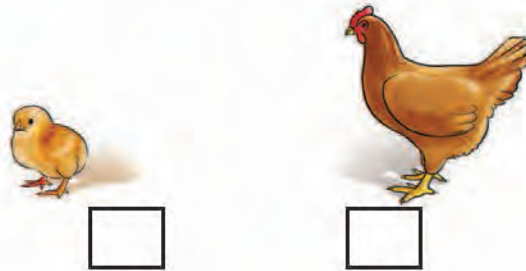


Let's see, how much have I learnt?

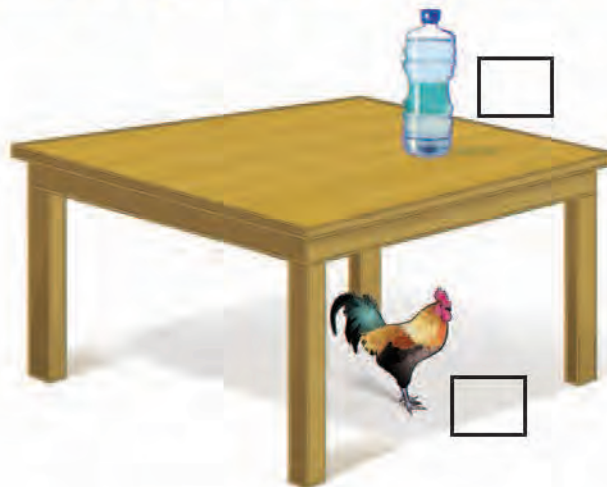
Tick (✓) the picture which is at last.



Tick (✓) the bigger one.



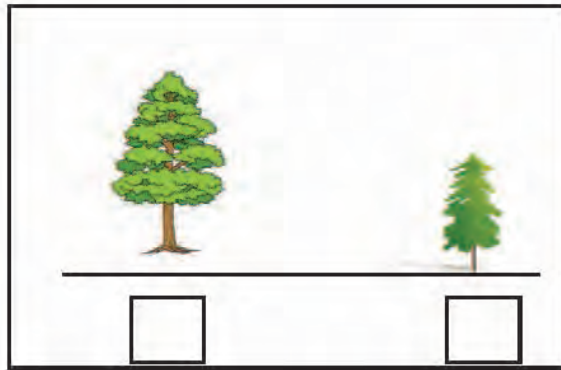
Tick (✓) the object which is on the table.



► Tick (✓) the shorter one.



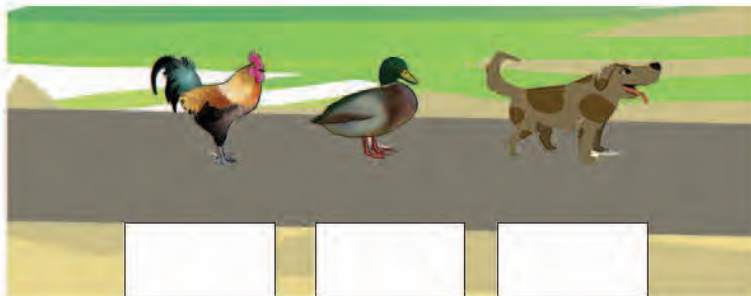
► Tick (✓) the shorter one.



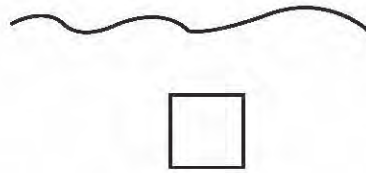
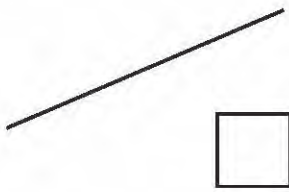
► Tick (✓) the picture which is on the left.



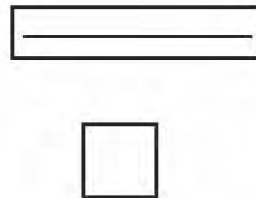
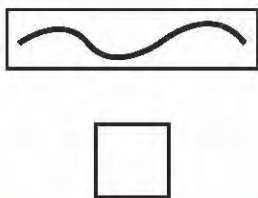
► Tick (✓) the one which is closer to the dog.



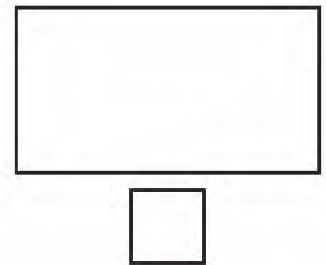
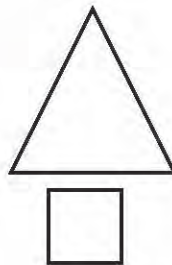
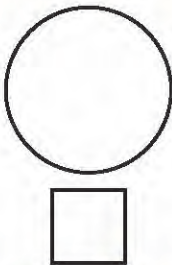
► Tick (✓) the straight line.



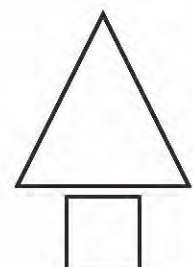
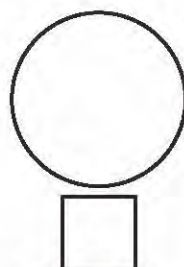
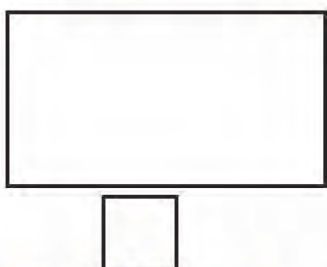
► Tick (✓) the curved line.



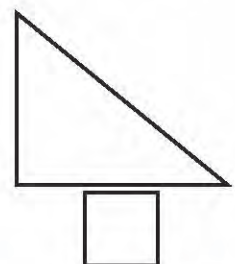
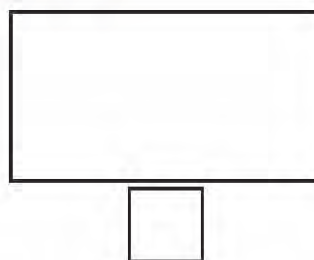
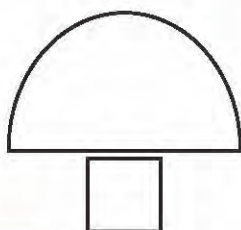
► Tick (✓) the triangle.



► Tick (✓) the circle.

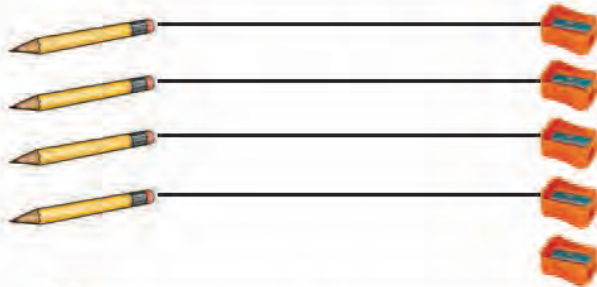


► Tick (✓) the quadrilateral.



More and Less

There are some pencils and sharpners. Which items are more?



When connecting one pencil and one sharpner, there is an extra sharpner.

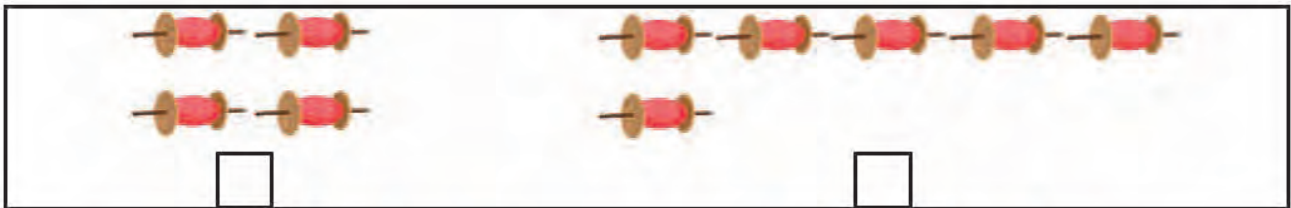
Sharpners are more than pencils.



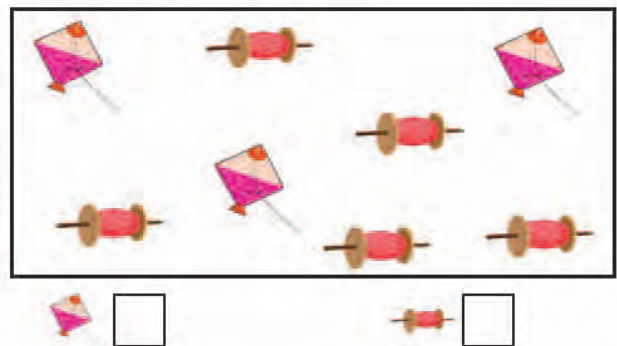
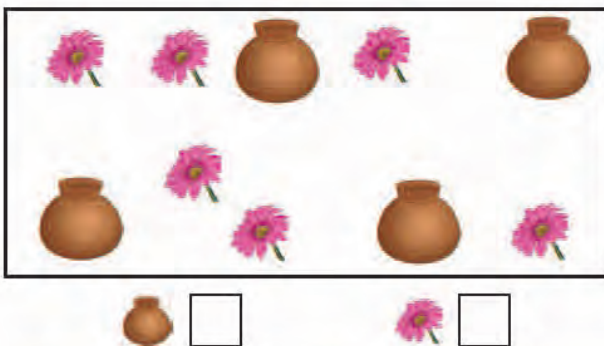
► Tick (✓) the more ones.



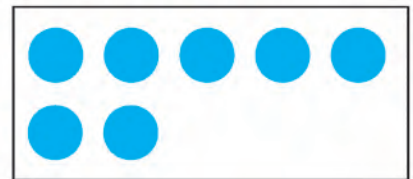
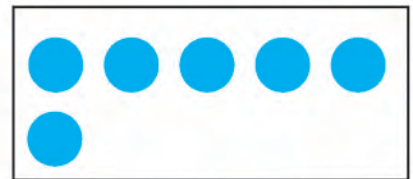
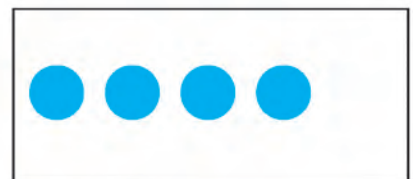
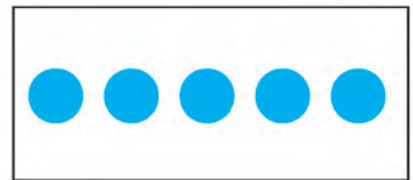
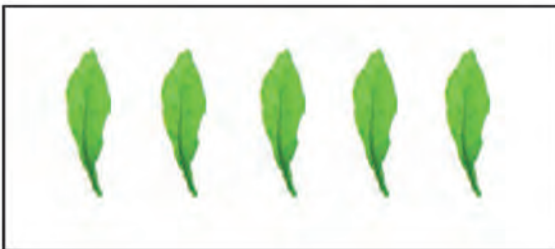
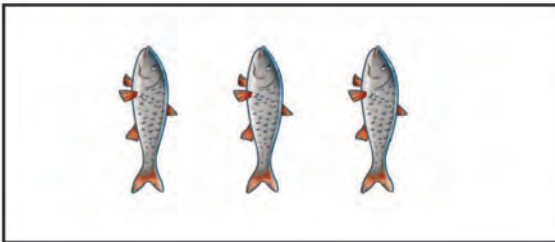
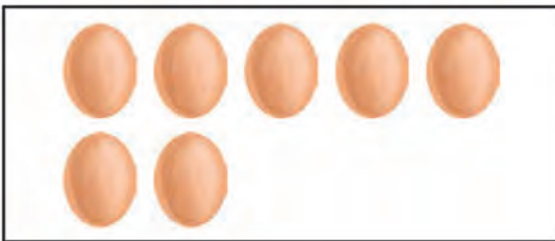
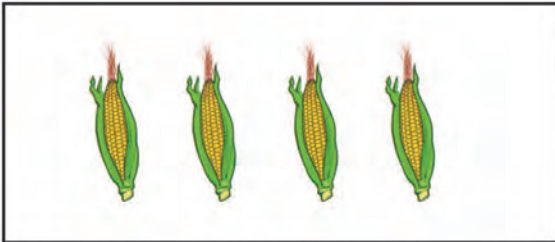
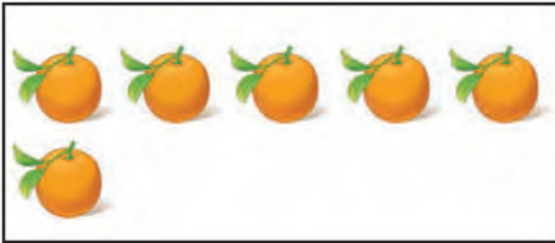
► Tick (✓) the group of pictures which has less objects.



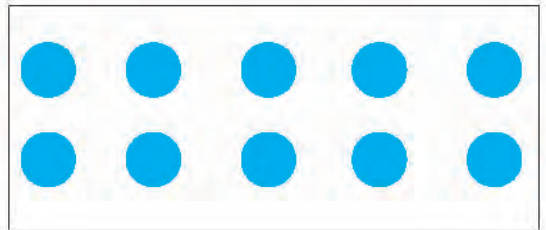
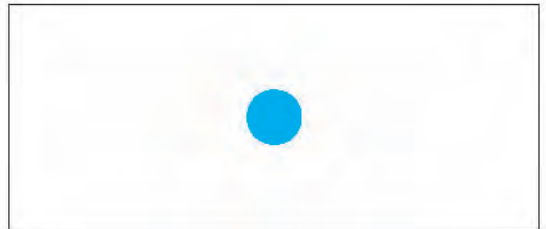
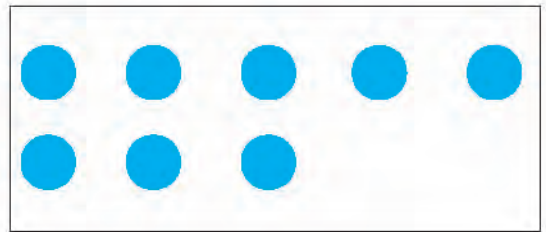
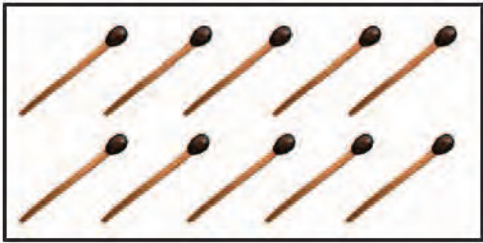
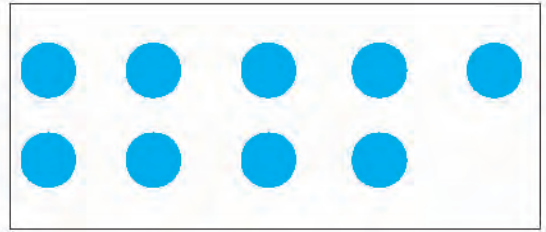
► Tick (✓) the objects which are more.



► Match.



Match.



One



1
one



1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1

Two



2
two



2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2

Three



3
three



3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3

Four



4
four



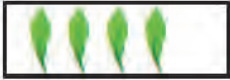
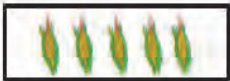
4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4

Five



5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5

Match.



Count and Match.



1

3

5

4

2

1	2	3	4	5
1	2	3	4	5

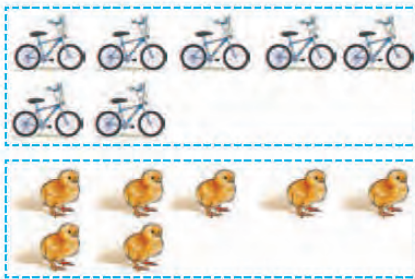
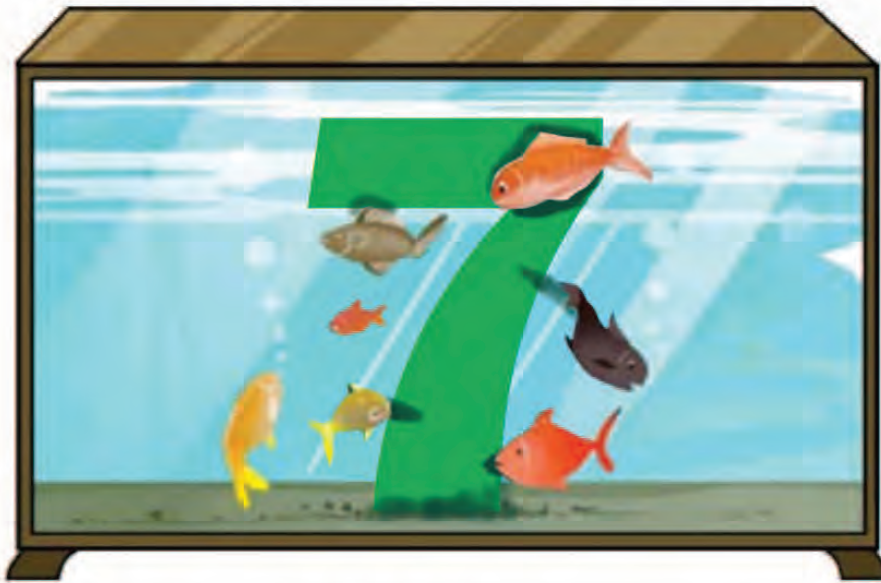
Six



6
six

6	6	6	6	6	6	6	6
6	6	6	6	6	6	6	6

Seven



7
seven

7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7

Eight



8
eight



8	8	8	8	8	8	8	8
8	8	8	8	8	8	8	8

Nine



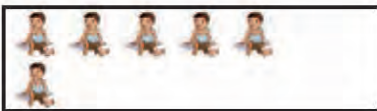
9
nine

9	9	9	9	9	9	9	9
9	9	9	9	9	9	9	9

Match.



Count and Match.



7



9



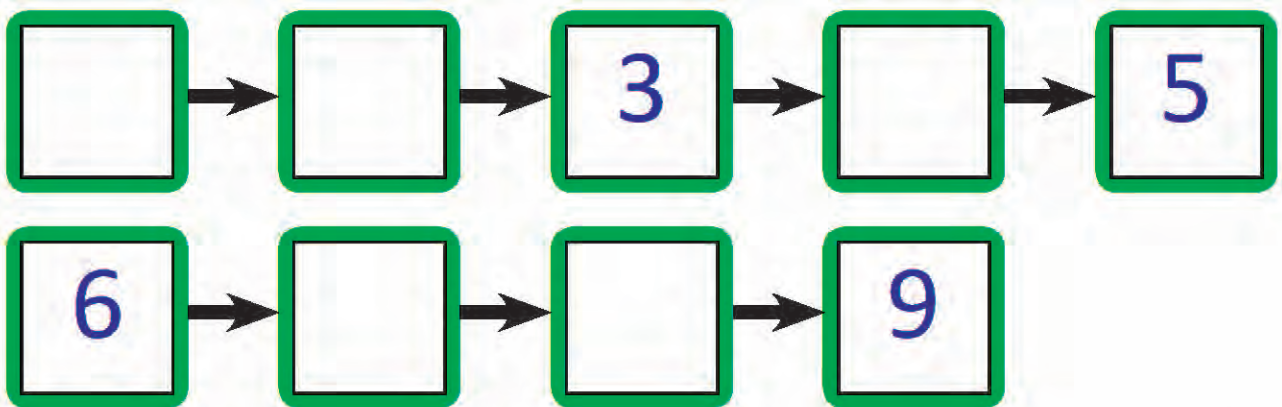
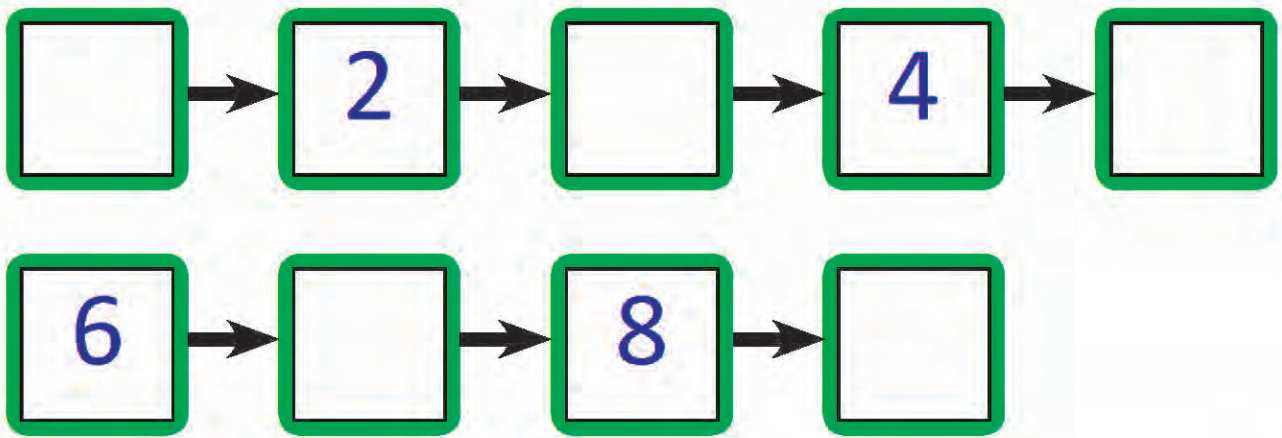
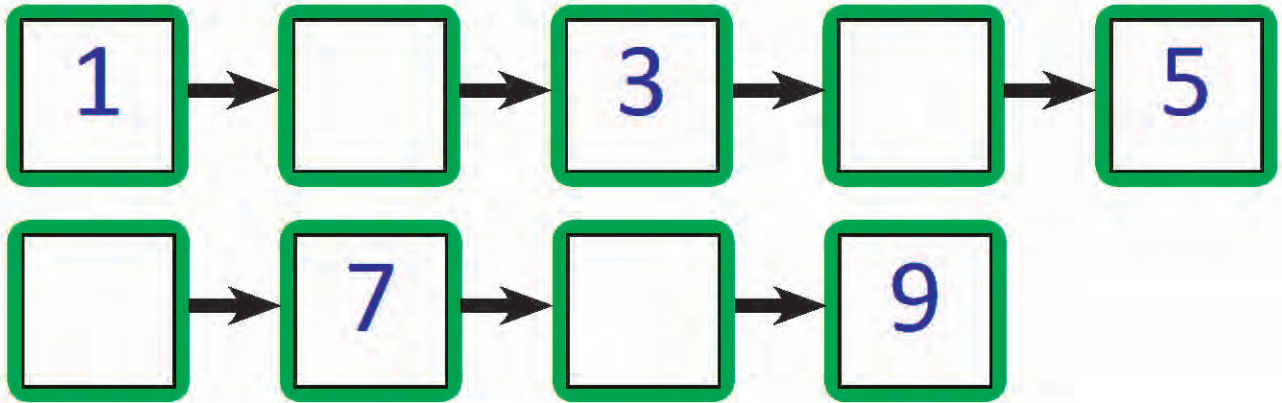
6



8

5	6	7	8	9

► Fill in the blanks with consecutive numerals.



► Let's sing together.



पाँचओटा परेवा चारो टिप्डै छन् ।
उड्यो एउटा परेवा बाँकी कति छन् ?



चारओटा परेवा चारो टिप्डै छन् ।
उड्यो एउटा परेवा बाँकी कति छन् ?



तीनओटा परेवा चारो टिप्डै छन् ।
उड्यो एउटा परेवा बाँकी कति छन् ?



दुईओटा परेवा चारो टिप्डै छन् ।
उड्यो एउटा परेवा बाँकी कति छन् ?



एकओटा परेवा चारो टिप्डै छ ।
उड्यो एउटा परेवा बाँकी कति छ ?



► Let's discuss and write.



○
zero

○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○


► Count and write.



How many birds are there on the tree?




How many ducks are there in the pond?

How many people are there on the bench?

▶ Count the number of sheep and goats which are inside  and write.




	<input type="text"/>	
	<input type="text"/>	

	<input type="text"/>	
	<input type="text"/>	

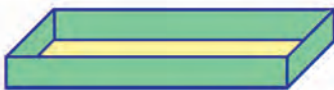
	<input type="text"/>	
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	<input type="text"/>	
	<input type="text"/>	

	<input type="text"/>	
	<input type="text"/>	

	<input type="text"/>	
	<input type="text"/>	

► Count the number of objects in each tray and write.



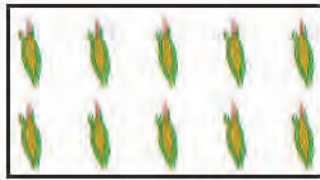


10
10

10
ten

10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10

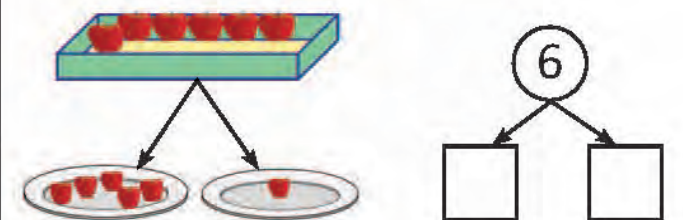
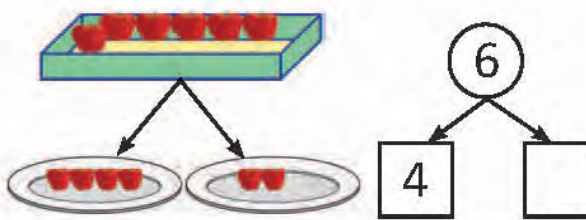
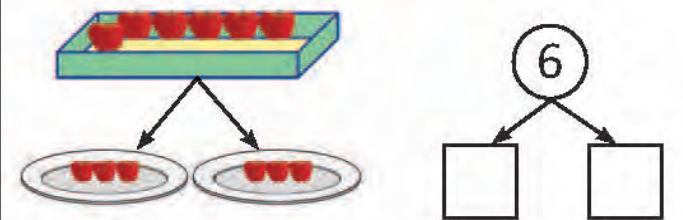
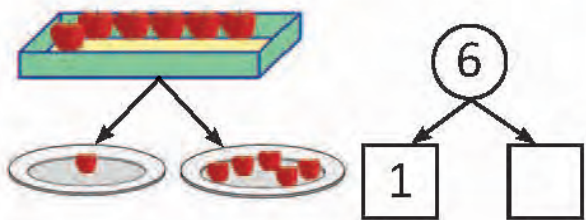
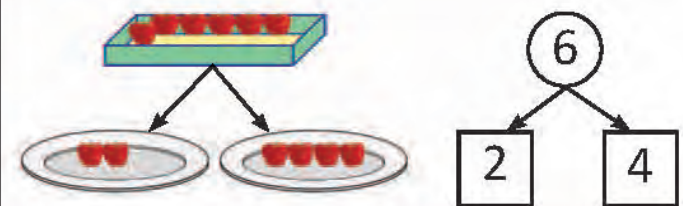
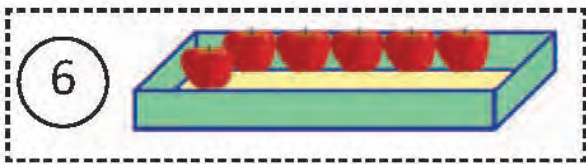
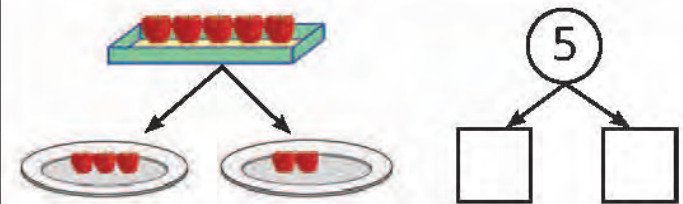
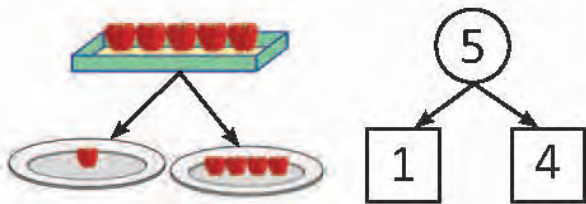
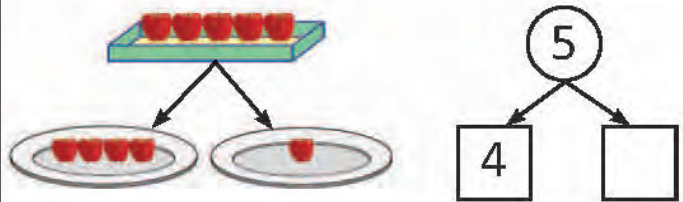
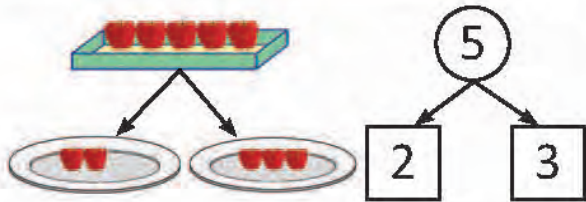
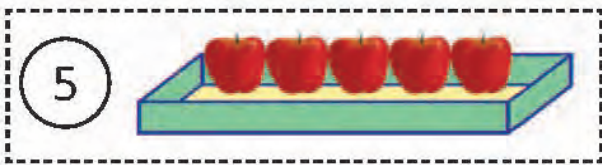
► **Count and write the numerals.**



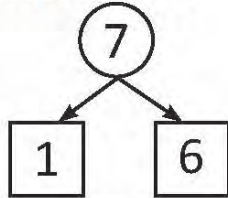
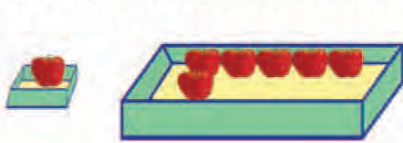
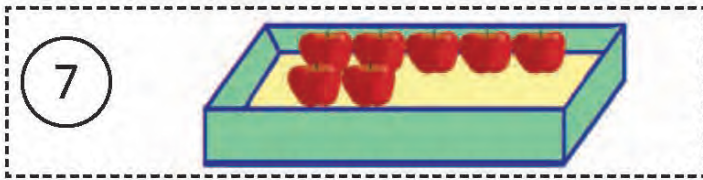
► **Write.**

0	1	2	3	4	5	6	7	8	9	10

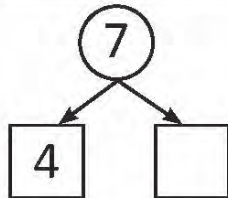
Write the correct numerals in .



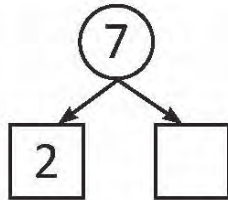
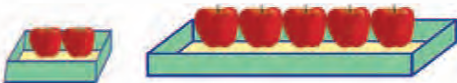
Write the correct numerals in .



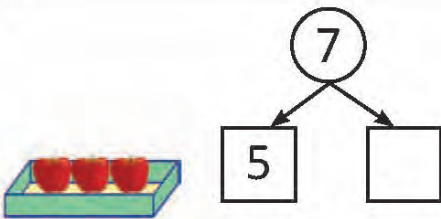
1 and 6 makes



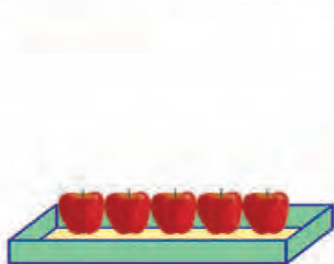
4 and makes 7.



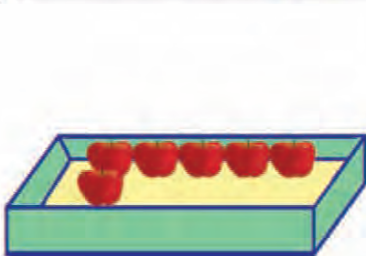
2 and makes 7.



3 and makes 7.

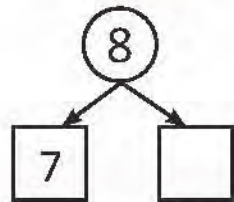
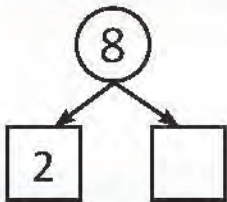
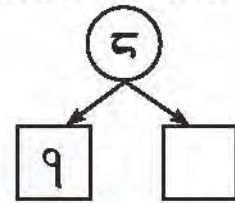
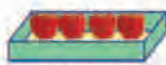
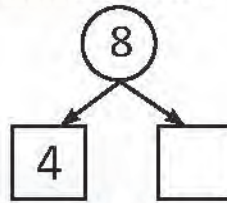
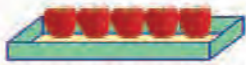
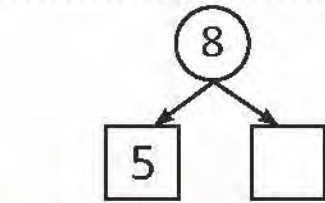
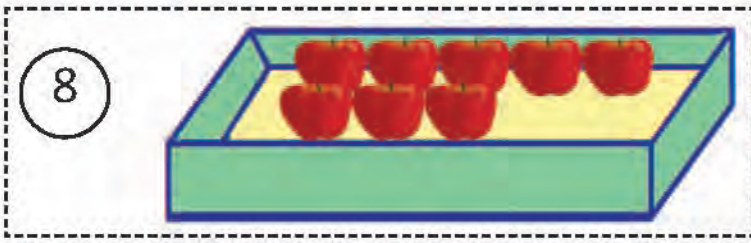


5 and makes 7.



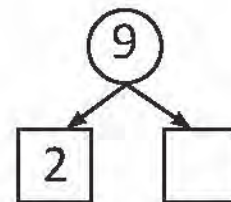
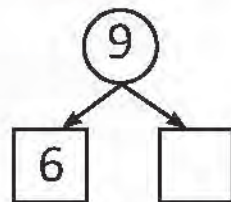
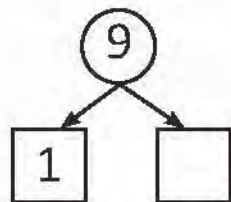
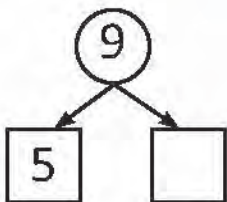
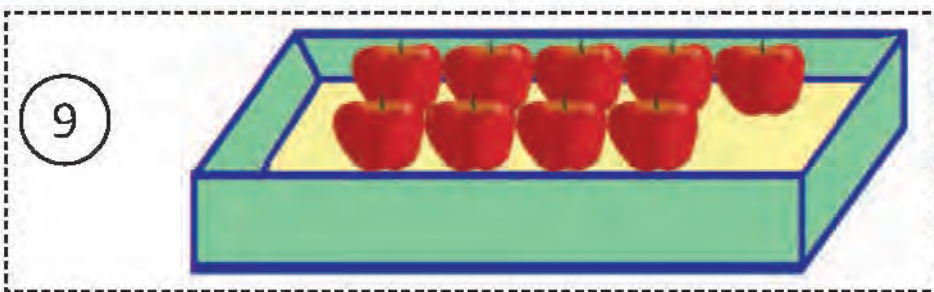
6 and makes 7.

Write the correct numerals in .



3 and makes 8.

6 and makes 8.



8 and makes 9.

3 and makes 9.

7 and makes 9.

4 and makes 9.

► **Make 10.**

	1 and 9	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	
	<input type="text"/> and <input type="text"/>	

► **Write the correct digit in the box.**

Adding to 7 makes 10.



Adding to 9 makes 10.



Adding to 4 makes 10.



Adding to 2 makes 10.



Counting up to 10.



Count and write the numbers from the above picture.



















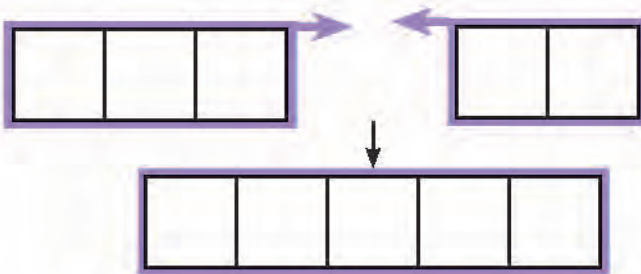
► Addition of numbers up to the sum of 10.

Sita has 3 bananas. Hari has 2 bananas. How many bananas do they have altogether?



If they put 3 bananas and 2 bananas together, there will be 5 bananas in total.

In mathematical sentences



$$\begin{array}{r} 3 + 2 = 5 \\ \text{(Three)} + \text{(Two)} = \text{(Five)} \end{array}$$

Answer : 5 bananas



In mathematical sentence: $\square + \square = \square$

Answer: \square children



In mathematical sentence: $\square + \square = \square$

Answer: \square children

► **What is the total? Write in mathematical sentence.**



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



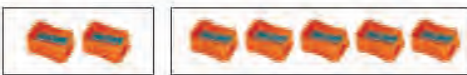
$$\square + \square = \square$$



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



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



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



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

► **How many apples are there?**



In mathematical sentence, there are apples.



In mathematical sentence, there are apples.



In mathematical sentence, there are apples.

► Let's add using objects.



$1 + 1 = \square$



$2 + 1 = \square$



$1 + 3 = \square$



$1 + 4 = \square$



$3 + 2 = \square$



$3 + 5 = \square$



$2 + 3 = \square$



$5 + 2 = \square$



$2 + 7 = \square$



$3 + 4 = \square$

 Add.



$2 + 3 = \boxed{5}$



$4 + 2 = \boxed{}$



$5 + 1 = \boxed{}$



$5 + 2 = \boxed{}$



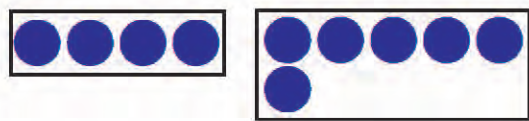
$5 + 4 = \boxed{}$



$5 + 3 = \boxed{}$



$6 + 2 = \boxed{}$



$4 + 6 = \boxed{}$



$5 + 2 = \boxed{}$



$3 + 6 = \boxed{}$



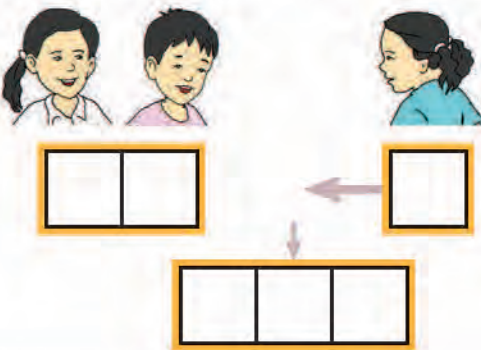
$5 + 3 = \boxed{}$



$7 + 3 = \boxed{}$

► **Let's add.**

2 students were playing. 1 more joined them. How many students were there altogether?



In mathematical sentence:

$$2 + 1 = 3$$

How many students are there after others joined them?



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



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

► What is the total when others joined them? Write in mathematical sentence.



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



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



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



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

► There are 3 flowers in a vase. How many flowers will be there when 5 other flowers are added?



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

► Add.

$$1 + 3 = \square$$

$$6 + 2 = \square$$

$$5 + 5 = \square$$

$$3 + 4 = \square$$

$$2 + 7 = \square$$

$$9 + 1 = \square$$

► Add.

How many fishes were caught?

First time



Second time



$$2 + 1 = \square$$

First time



Second time



$$2 + \square = \square$$

First time



Second time



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

► Add.

$$1 + 0 = \square$$

$$6 + 0 = \square$$

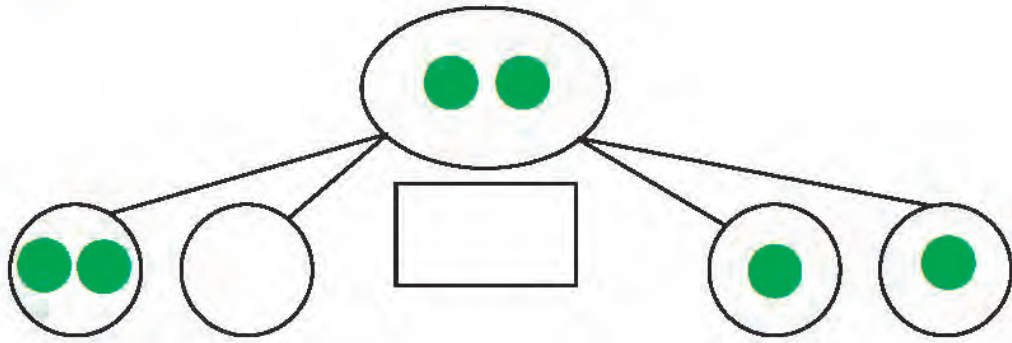
$$5 + 0 = \square$$

$$0 + 4 = \square$$

$$0 + 7 = \square$$

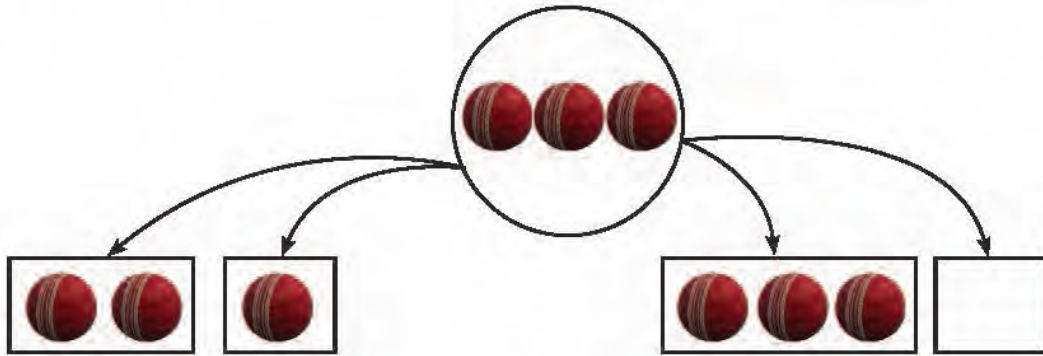
$$0 + 0 = \square$$

► Add.



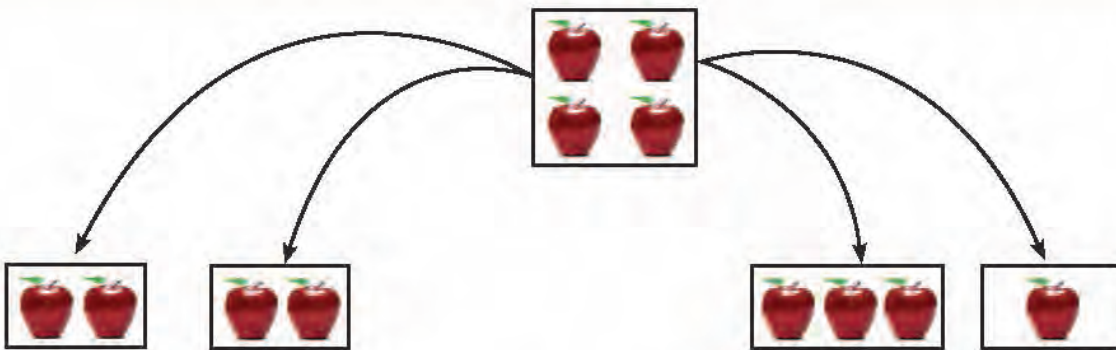
$$2 + 0 = \square$$

$$1 + 1 = \square$$



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

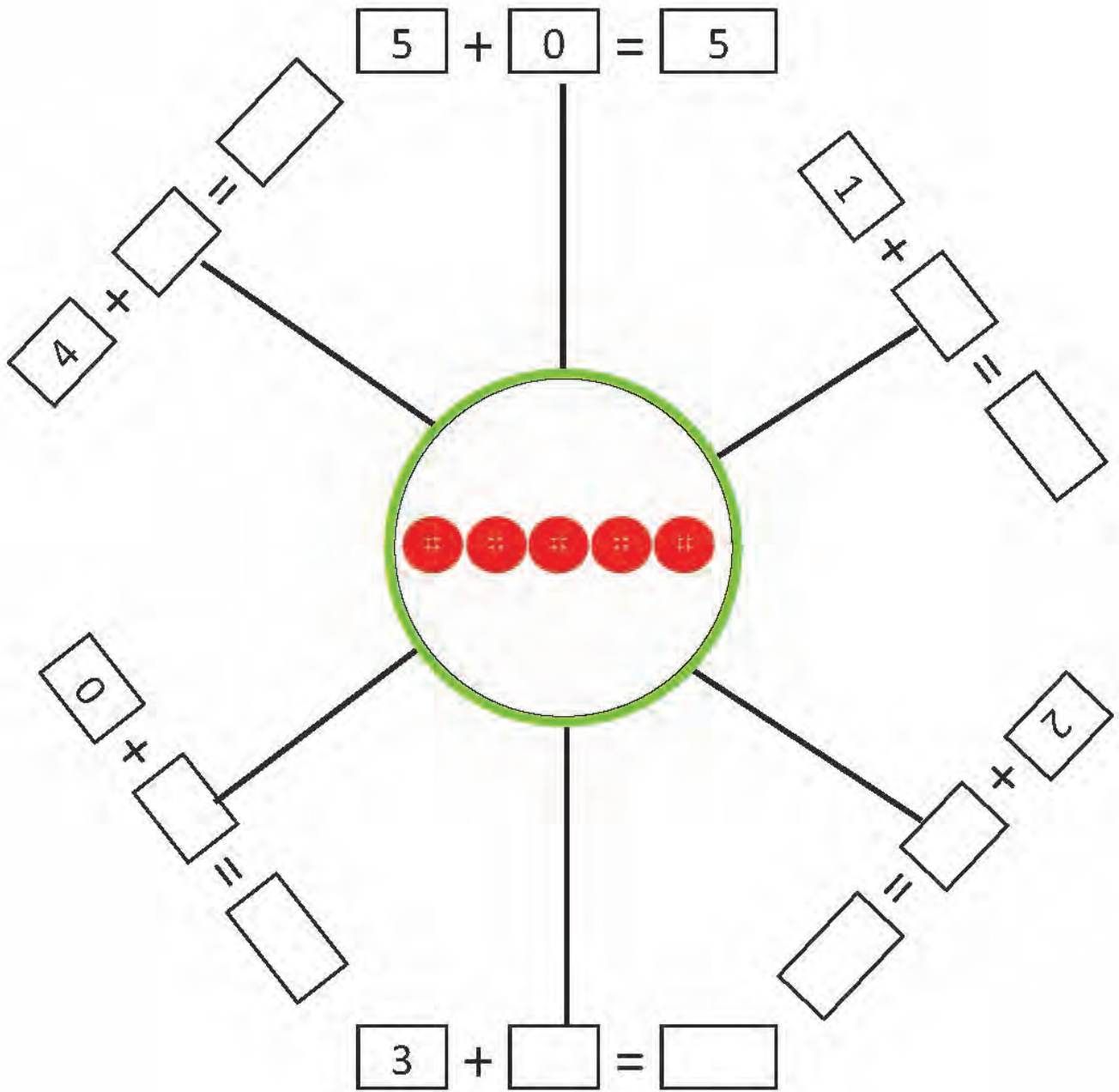
$$\square + \square = \square$$



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

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

► Add and make 5.



► How many birds will be there when added together from both groups?



In mathematical sentence: $6 + 3 = 9$

Answer: 9 birds

We can add this in a vertical form too.

$$6 + 3 = 9$$



$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

1	
+ 6	

3	
+ 5	

3	
+ 4	

6	
+ 4	

2	
+ 5	

6	
+ 3	

5	
+ 3	

0	
+ 6	

► Keep in vertical form and add.

$$\begin{array}{r} 4 \\ +1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 2 \\ +3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ +2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ +5 \\ \hline \square \end{array}$$

$1 + 3 = \square$

	1
+	3
<hr/>	

$5 + 2 = \square$

<hr/>	

$4 + 3 = \square$

<hr/>	

$3 + 4 = \square$

+	
<hr/>	

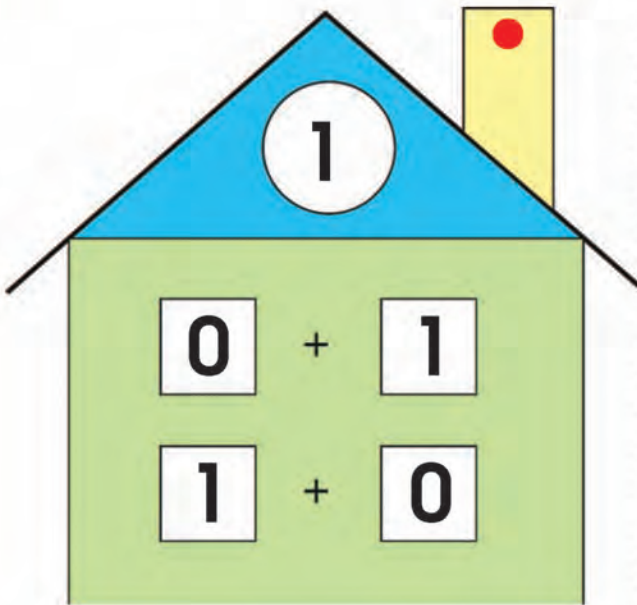
$8 + 1 = \square$

<hr/>	

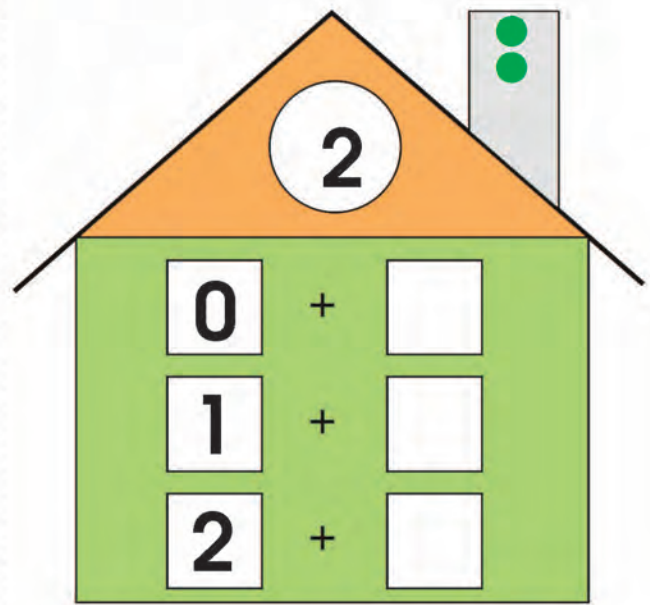
$7 + 2 = \square$

<hr/>	

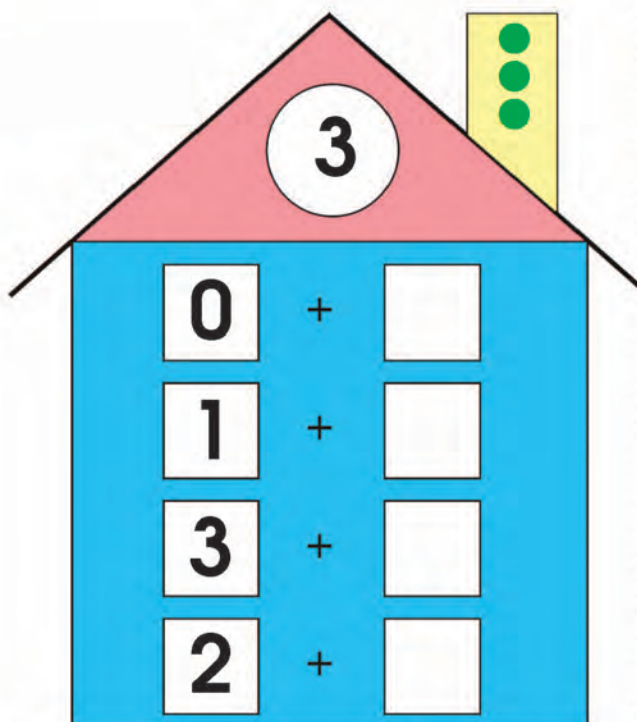
▶ Let's add and make 1.



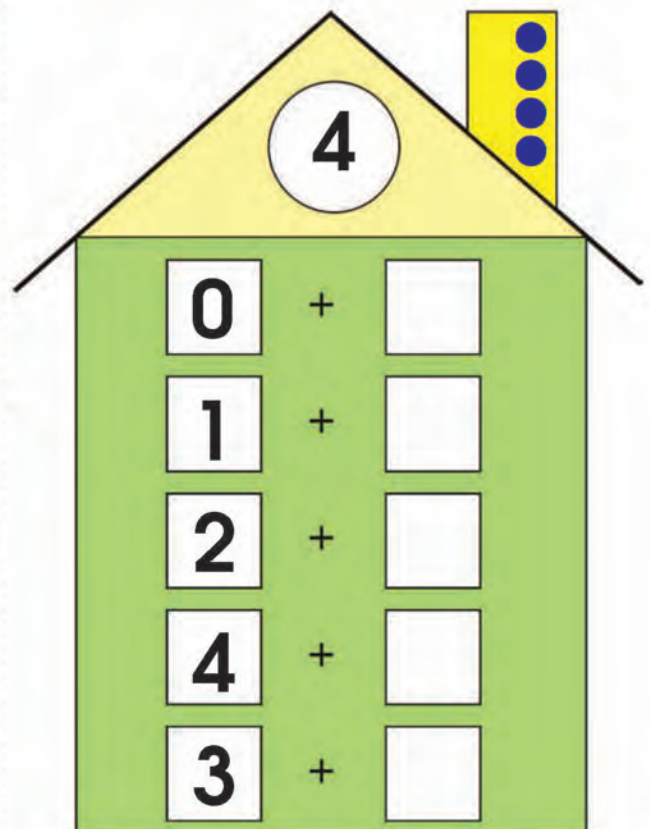
▶ Let's add and make 2.



▶ Let's add and make 3.



▶ Let's add and make 4.



▶ Let's add and make 5.

5

0	+	□
1	+	□
2	+	□
3	+	□
4	+	□
5	+	□

▶ Let's add and make 6.

6

0	+	□
1	+	□
2	+	□
3	+	□
6	+	□
5	+	□
4	+	□

▶ Let's add and make 7.

▶ Let's add and make 8.

7

3	+	<input type="text"/>
1	+	<input type="text"/>
2	+	<input type="text"/>
0	+	<input type="text"/>
4	+	<input type="text"/>
7	+	<input type="text"/>
6	+	<input type="text"/>
5	+	<input type="text"/>

8

0	+	<input type="text"/>
1	+	<input type="text"/>
2	+	<input type="text"/>
3	+	<input type="text"/>
4	+	<input type="text"/>
8	+	<input type="text"/>
7	+	<input type="text"/>
6	+	<input type="text"/>
5	+	<input type="text"/>

▶ Let's add and make 9.

▶ Let's add and make 10.

9

0	+	□
1	+	□
2	+	□
7	+	□
4	+	□
3	+	□
6	+	□
9	+	□
8	+	□
5	+	□

10

0	+	□
1	+	□
2	+	□
3	+	□
4	+	□
5	+	□
6	+	□
7	+	□
8	+	□
9	+	□
10	+	□

▶ Play the dice with 0 to 5 and add.



$$\boxed{0} + \boxed{4} = \boxed{4}$$

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

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

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

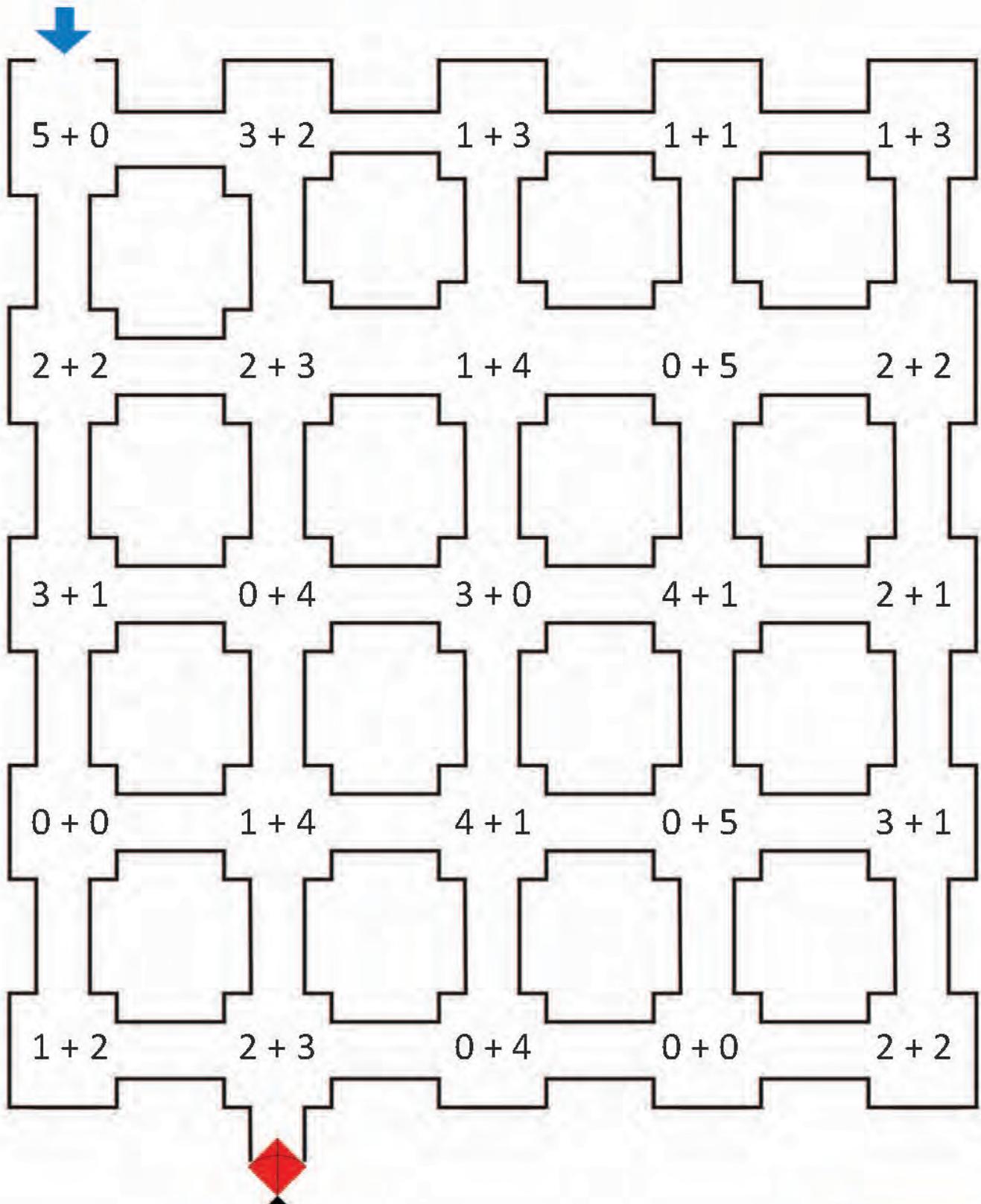
$$\boxed{} + \boxed{} = \boxed{}$$

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

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

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

► Find the kite by finding the way making the sum of 5.



► Find the ball by finding the way making the sum of 10.

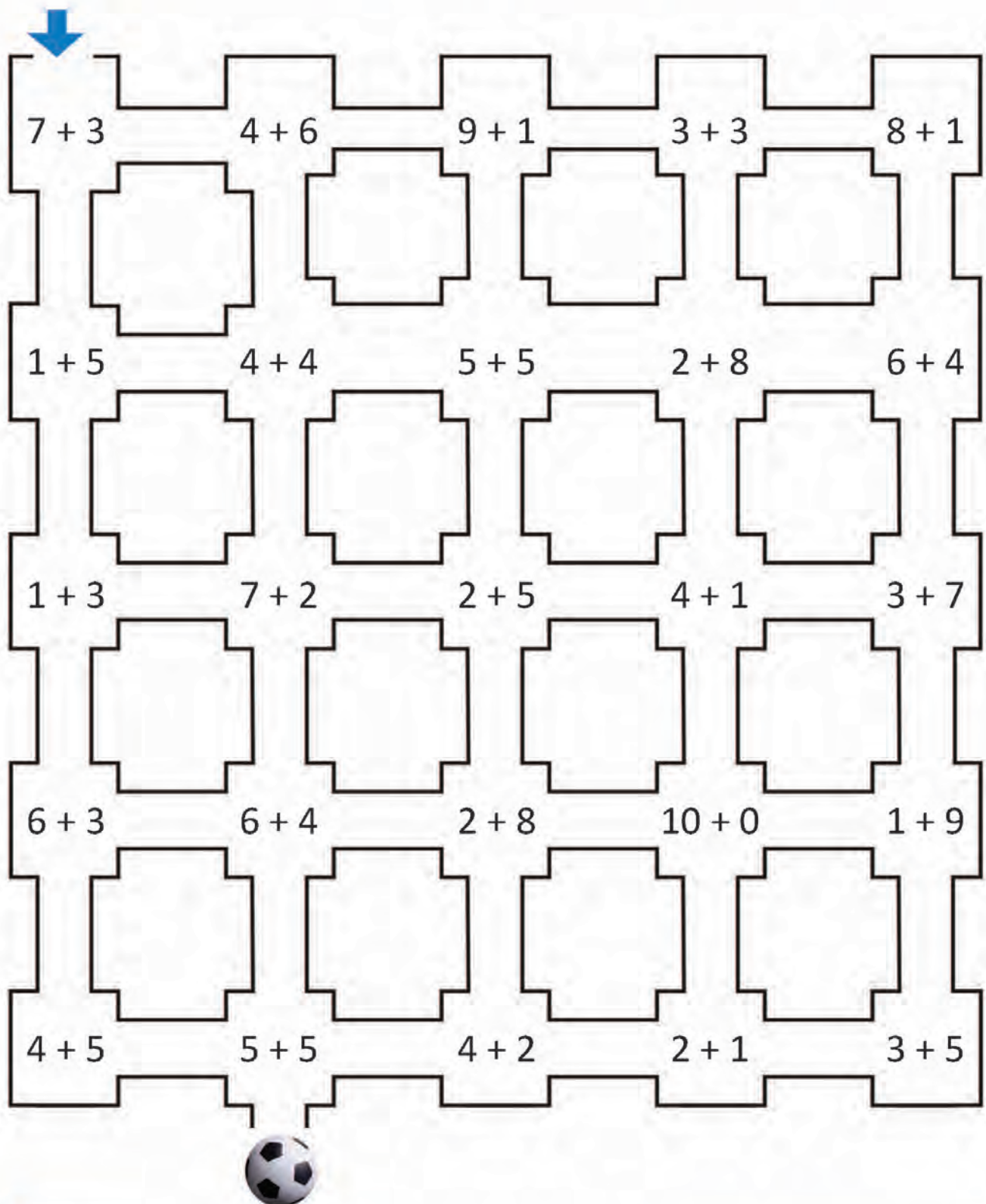
7 + 3 4 + 6 9 + 1 3 + 3 8 + 1

1 + 5 4 + 4 5 + 5 2 + 8 6 + 4

1 + 3 7 + 2 2 + 5 4 + 1 3 + 7

6 + 3 6 + 4 2 + 8 10 + 0 1 + 9

4 + 5 5 + 5 4 + 2 2 + 1 3 + 5



A soccer ball is located at the bottom center of the maze.

Subtraction of Numbers up to 10

8

Let's subtract.

Sita had 5 bananas. She ate 1 banana. Now, how many bananas are left?



If Sita ate 1 banana, 4 bananas are left.



In mathematical sentence:

$$\begin{array}{r} 5 & - & 1 & = & 4 \\ \text{(Five)} & - & \text{(One)} & = & \text{(Four)} \end{array}$$

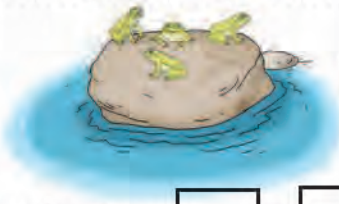
Answer : 4 bananas

How many frogs are left on the stone?



In mathematical sentence: $\square - \square = \square$

Answer: \square frogs

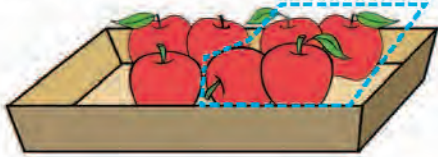


In mathematical sentence: $\square - \square = \square$

Answer: \square frogs

► Subtract.

There are 7 apples in the tray. You gave 4 of them to your brother. How many apples are left with you?



In mathematical sentence: $\square - \square = \square$

Answer: \square apples

Look at the picture on the right. How many pigeons are left?



In mathematical sentence: $\square - \square = \square$

Answer: \square pigeons

Ram gave one of his five flowers to his friend. How many flowers are left with Ram now?



In mathematical sentence:

$$\square - \square = \square$$

Answer: \square flowers

There are 3 boys in the picture. How many girls are there?



In mathematical sentence:

$$\square - \square = \square$$

Answer: \square flowers

▶ Let's subtract.



giving away



left



walking away
 -



left
 left



flying away
 -



left
 left



jumping away
 -



left
 left

► Subtract.



$$\boxed{2} - \boxed{1} = \boxed{1}$$



$$\boxed{3} - \boxed{1} = \boxed{}$$



$$\boxed{4} - \boxed{2} = \boxed{}$$



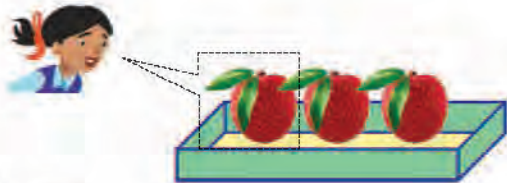
$$\boxed{5} - \boxed{4} = \boxed{}$$



► Let's subtract.

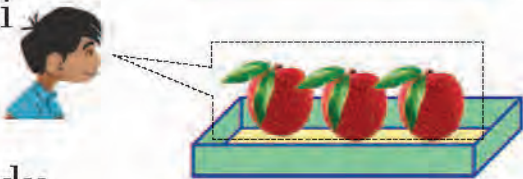
Sita, Hari and Bindu each had 3 litchies. Sita ate 1 litchi, Hari ate all 3 litchies but Bindu didn't eat any. How many litchies are left to each of them.

Sita



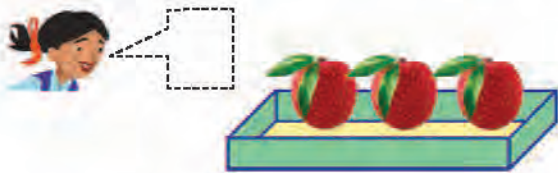
$$3 - 1 = \square$$

Hari



$$3 - \square = \square$$

Bindu



$$3 - \square = \square$$

► Subtract.

$$2 - 2 = \square$$

$$8 - 8 = \square$$

$$7 - 0 = \square$$

$$1 - 0 = \square$$

$$4 - 0 = \square$$

$$5 - 5 = \square$$

$$10 - 0 = \square$$

$$6 - 0 = \square$$

► **If two pigeons fly away, how many pigeons will be left?**



Answer: 4 pigeons

In mathematical sentence: $6 - 2 = 4$

We can subtract this in a vertical form too.

Subtracting in vertical form.

$6 - 2 = 4$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

► **Subtract.**

$$\begin{array}{r} 4 \\ - 1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \square \end{array}$$

► **Write in vertical form and subtract after subtracting in horizontal form.**
















$8 - 3 = \square$

	8
-	3

$3 - 2 = \square$

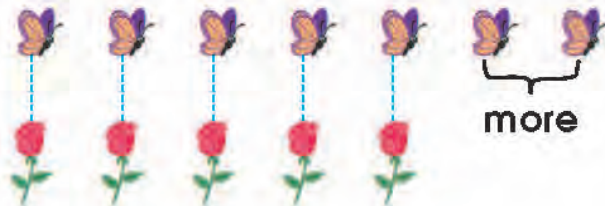
$6 - 4 = \square$

Subtract.

 $\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px; text-align: center;">3</div>	 $\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>
 $\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px; text-align: center;">4</div>	 $\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>
 $\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>
 $\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>
 $\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>	 $\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 25px; margin-left: 10px;"></div>

► Subtract.

How many more butterflies than flowers are there?

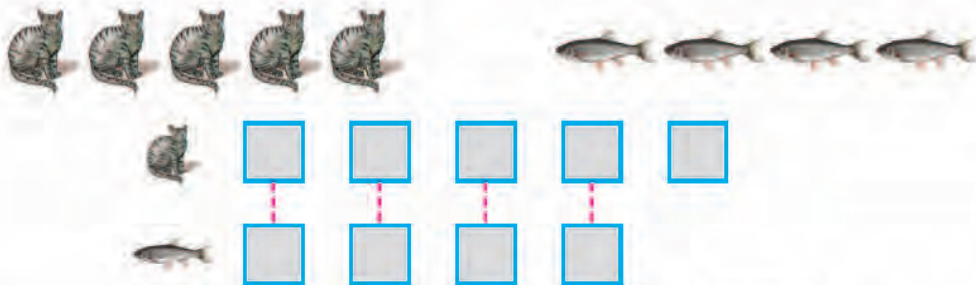


In mathematical sentence:

$$7 - 5 = 2$$

Answer: more butterflies

► How many more cats than fishes are there?



In mathematical sentence: + =

Answer: more cats

How many more girls than balloons are there?

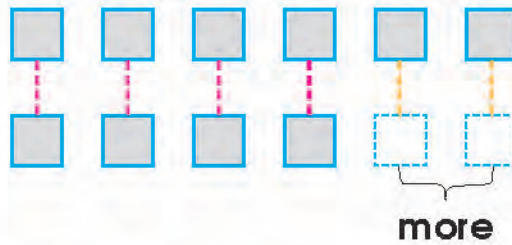


In mathematical sentence:

Answer: more girls

► Subtract.

How many fewer bicycles than boys are there?



In mathematical sentence:

$$6 - 4 = 2$$

Answer: fewer bicycles

► How many fewer apples than bananas are there?



In mathematical sentence:

Answer: fewer apples

► How many fewer chairs than children are there?

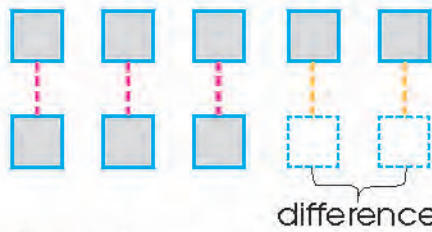


In mathematical sentence:

Answer: fewer chairs

Subtract.

What is the difference between the number of boys and girls?



In mathematical sentence:

$$5 - 3 = 2$$

Answer: more boys

What is the difference between the numbers of batteries/cells and watches?



In mathematical sentence:

Answer: more batteries

There are 4 dogs and 1 cat in the park. What is the difference between their number?



In mathematical sentence:

Answer: more dogs

There are 8 chairs and 3 benches. What is the difference between their number?



In mathematical sentence:

Answer: more chairs

► Subtract and match.

$3 - 1$

9

$4 - 1$

3

$5 - 1$

2

$10 - 1$

1

$8 - 1$

4

$4 - 3$

0

$7 - 1$

7

$2 - 2$

6

$6 - 1$

5

$9 - 1$

8

9

8

2

1

7

6

0

4

3

5

$2 - 0$

$2 - 1$

$9 - 0$

$9 - 2$

$8 - 0$

$5 - 1$

$8 - 2$

$4 - 1$

$9 - 4$

$5 - 5$

 **Subtract.**

$2 - 2 = \square$

$3 - 1 = \square$

$3 - 2 = \square$

$4 - 1 = \square$

$4 - 2 = \square$

$4 - 3 = \square$

$5 - 1 = \square$

$5 - 2 = \square$

$5 - 3 = \square$

$5 - 4 = \square$

$5 - 5 = \square$

$10 - 7 = \square$

$6 - 3 = \square$

$7 - 6 = \square$

$6 - 5 = \square$

$6 - 3 = \square$

$7 - 6 = \square$

$7 - 5 = \square$

$7 - 2 = \square$

$8 - 2 = \square$

$8 - 4 = \square$

$8 - 5 = \square$

$8 - 7 = \square$

$9 - 5 = \square$

$9 - 3 = \square$

$10 - 7 = \square$

$10 - 8 = \square$

$10 - 9 = \square$

► **Fill in the missing number.**

$$3 - \square = 1$$

$$\square - 3 = 0$$

$$\square - 2 = 3$$

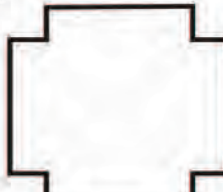
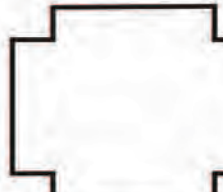
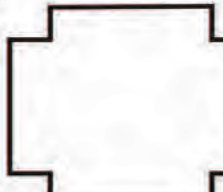



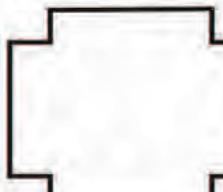

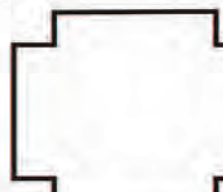
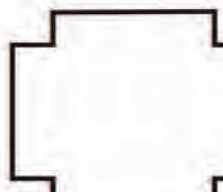
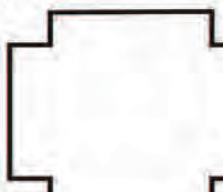


$$5 - \square = 4$$

$$8 - \square = 7$$

$$9 - 7 = \square$$

► **Find the eraser by finding the way where subtraction results 1.**

►

6 - 5	3 - 2	8 - 7	9 - 3
			
9 - 8	7 - 4	10 - 9	5 - 2
			
4 - 1	6 - 3	1 - 0	7 - 4
			
8 - 5	7 - 2	5 - 4	7 - 6 

► **Let's calculate.**

$$\begin{array}{r} 5 \\ +4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \\ +3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ +2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ +1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ -1 \\ \hline \square \end{array}$$

 $6 + 2 = \square$

$8 + 0 = \square$

$7 + 0 = \square$

$6 - 2 = \square$

$8 - 0 = \square$

$7 - 0 = \square$

► **Fill in the missing number.**

$3 + \boxed{1} = 4$

$5 + \square = 6$

$2 + \square = 5$

$3 - \square = 2$

$4 - \square = 1$

$7 - \square = 4$

► **Let's calculate.**

- a. You have 2 pencils. You got 2 more pencils as gift. How many pencils do you have now?

$$\boxed{2} + \boxed{2} = \boxed{4}$$

- b. Your father gave you 6 rupees. Your mother gave you 3 rupees. How much money do you have now?

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

- c. There are 4 members in my family. My friend has 3 members in his family. How many members are there in total in both families?

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

- d. My neighbour had 8 goats. He sold 2 goats. How many goats are left now?

$$\boxed{} - \boxed{} = \boxed{}$$

- e. You don't have to go to school for 1 day out of 7 days of the week. How many days do you need to go to school?

$$\boxed{} - \boxed{} = \boxed{}$$

- f. There are 9 cattle in my house. Among them 2 are oxen. How many cattle are there besides oxen?

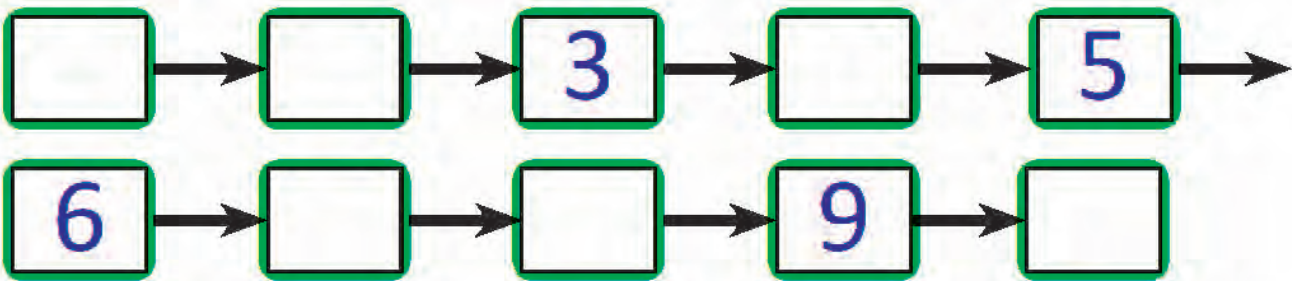
$$\boxed{} - \boxed{} = \boxed{}$$

Let's see, how much have I learnt?

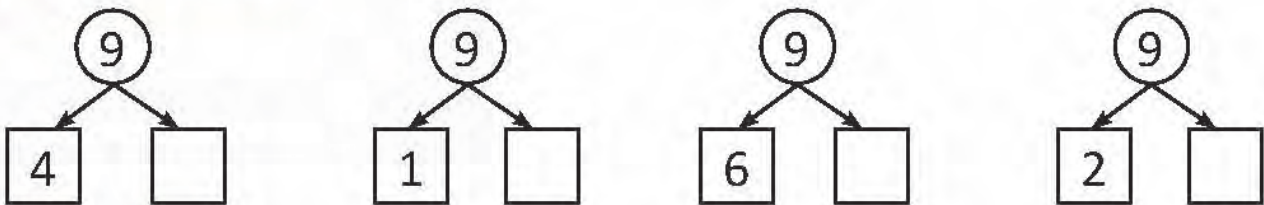
Tick (✓) the fewer ones.



Fill in the boxes with consecutive numerals.



Calculate.



Add.

$1 + 3 = \square$

$4 + 0 = \square$

$0 + 0 = \square$

$3 + 4 = \square$

$6 + 3 = \square$

$5 + 5 = \square$

$$\begin{array}{r} 2 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 0 \\ + 1 \\ \hline \square \end{array}$$

► Find the ball by finding the way that makes the sum of 9.


7 + 2 3 + 6 9 + 0 3 + 3 8 + 1

1 + 5 8 + 1 5 + 4 0 + 8 5 + 4

1 + 3 7 + 2 2 + 5 4 + 1 3 + 7

4 + 5 6 + 3 2 + 8 10 + 0 1 + 9

2 + 7 0 + 9 4 + 2 2 + 1 3 + 5



 **Subtract.**

$8 - 3 = \square$

$6 - 4 = \square$

$9 - 4 = \square$

$8 - 8 = \square$

$7 - 3 = \square$

$5 - 1 = \square$

$$\begin{array}{r} 6 \\ - 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \square \end{array}$$

 **Let's calculate.**

- Hari had 5 marbles. His brother gave him 2 marbles. How many marbles did Hari have altogether?
- Ramila had 6 apples. She gave 3 apples to her sister Mina. How many apples were left with Ramila?
- There were 7 cows in your neighbour's house. He sold 2 cows. How many cows were left with him?

 **Subtract.**

$3 - \square = 1$

$5 + \square = 1$

$9 - 7 = \square$

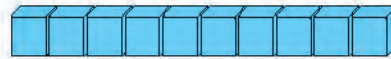
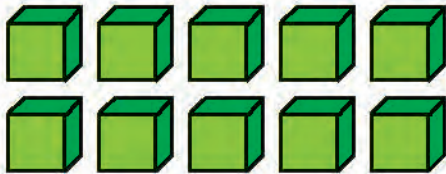
$2 + \square = 5$

$8 + \square = 8$

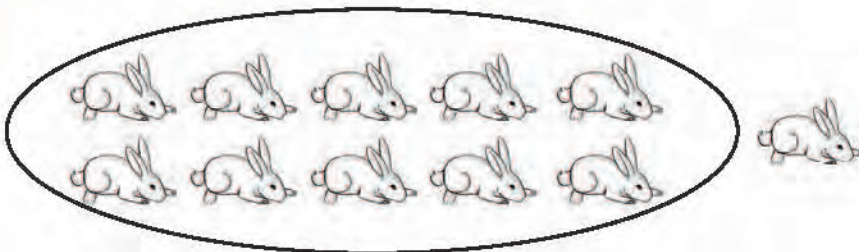
$6 - 2 = \square$

Numbers from 11 to 20

▶ Counting from 11 to 20.



▶ Let's make the group of 10.



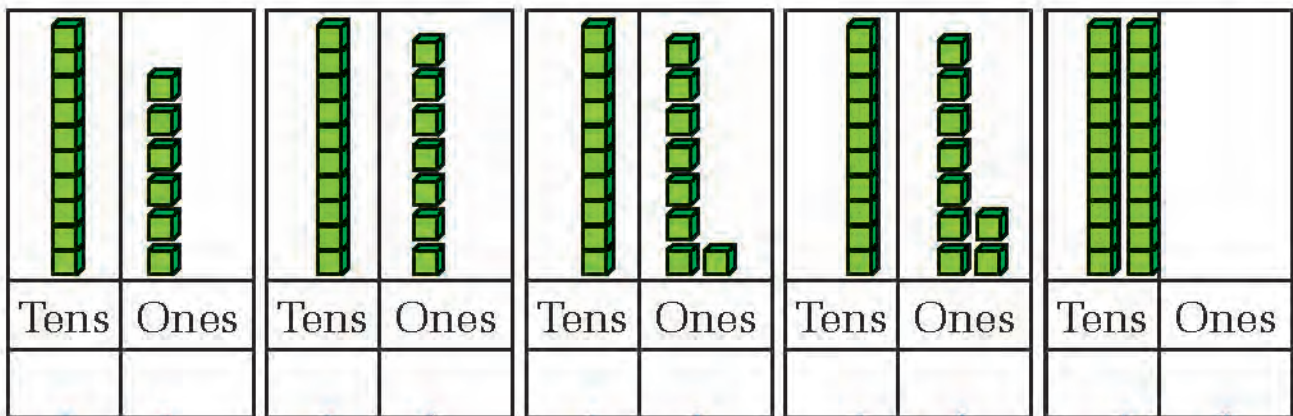
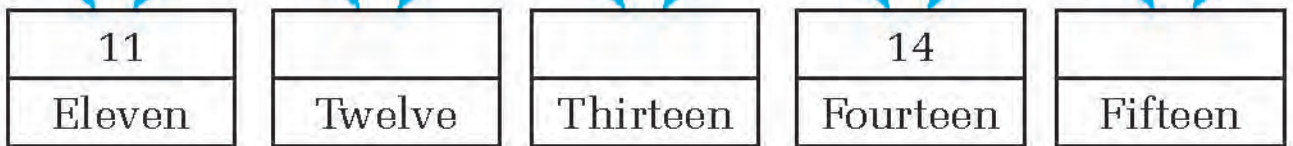
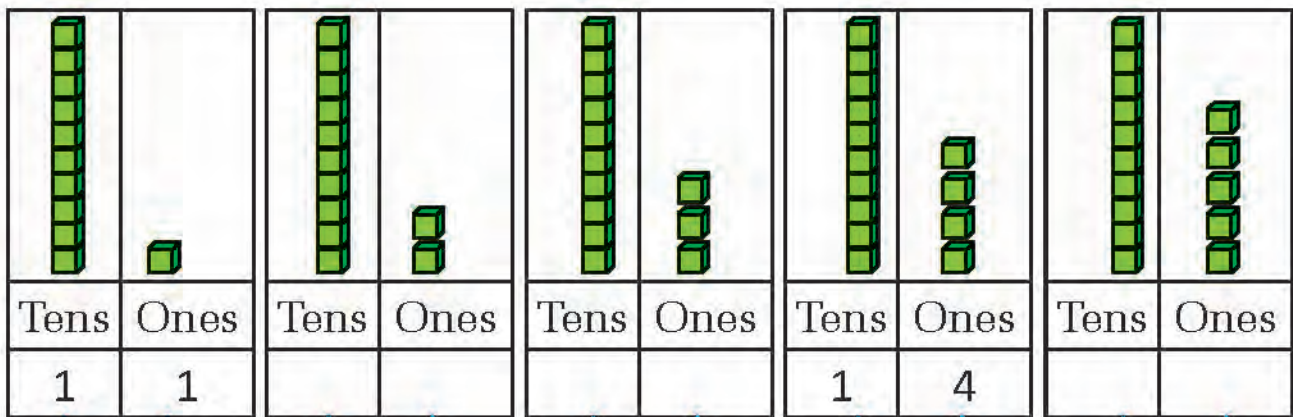
Counting from 11 to 20.

How many rabbits are here?

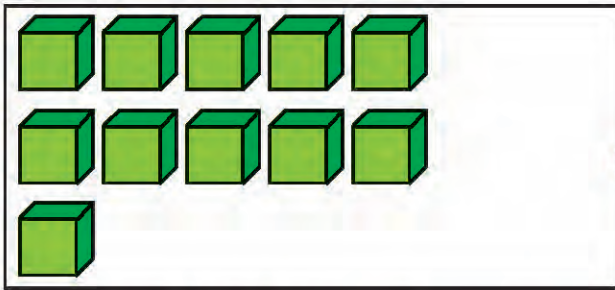


There are 10 and 4 rabbits.

10 and 4 makes 14. It is said fourteen.



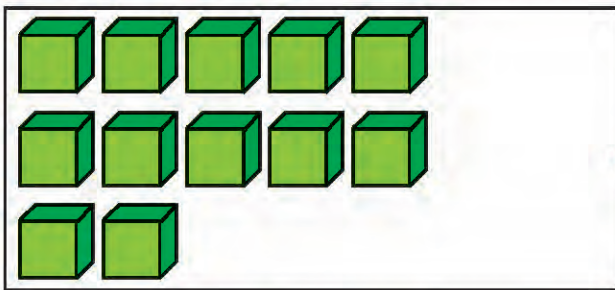
► Count and write.



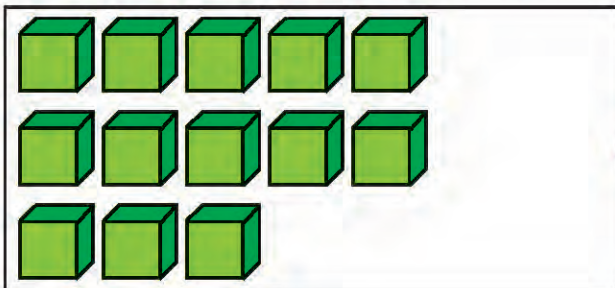
Tens	Ones
1	1



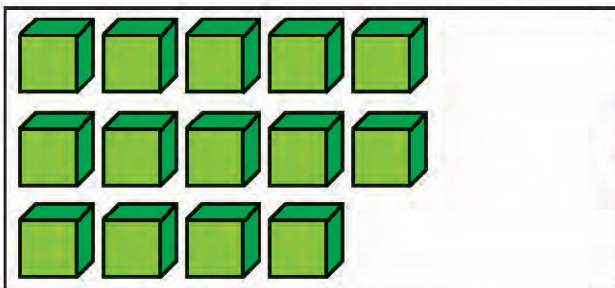
11



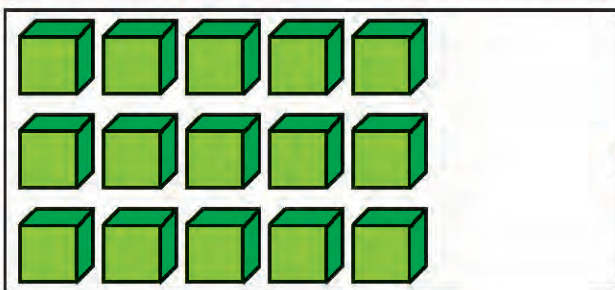
Tens	Ones



Tens	Ones



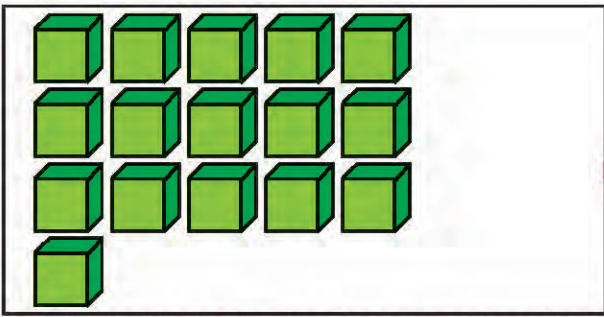
Tens	Ones



Tens	Ones

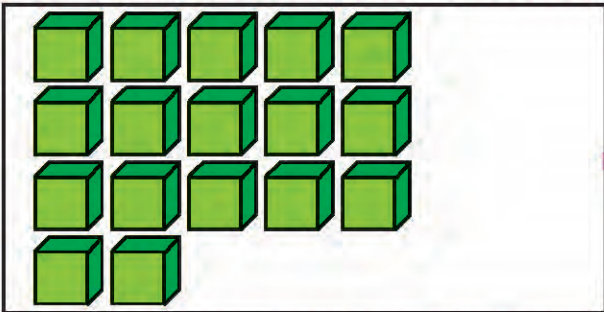


▶ **Count and write.**



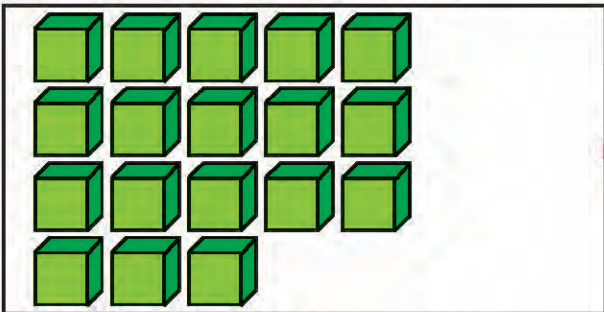
Tens	Ones





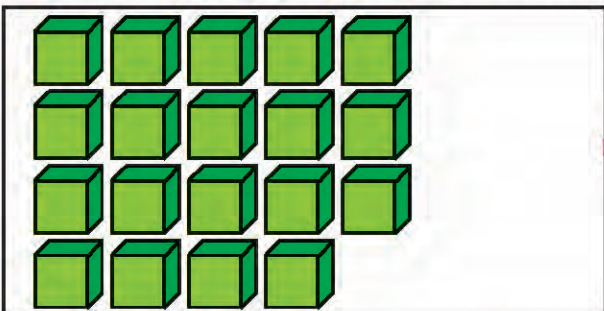
Tens	Ones





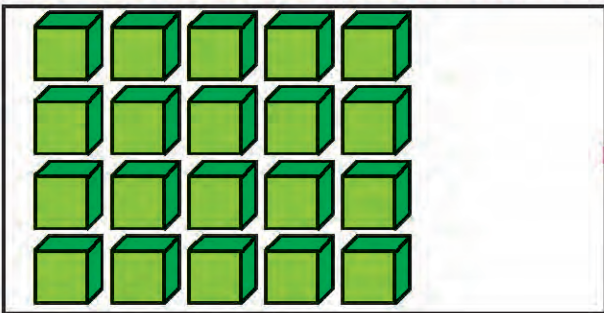
Tens	Ones





Tens	Ones





Tens	Ones

► **Fill numbers in** .

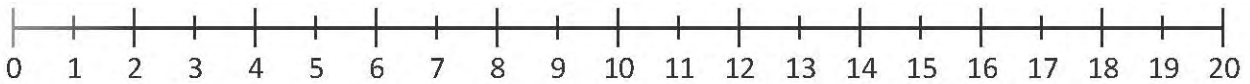
10 and 3 makes .

10 and 7 makes .

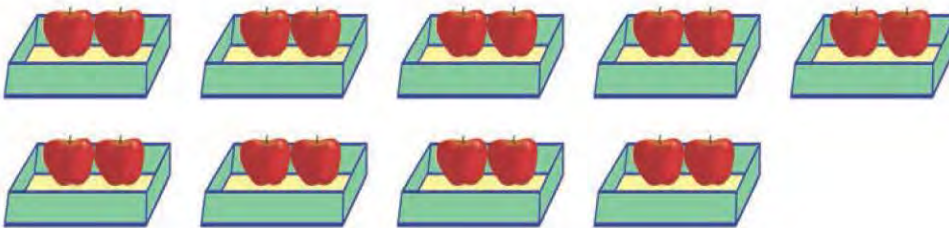
10 and 10 makes .

10 and makes 15.

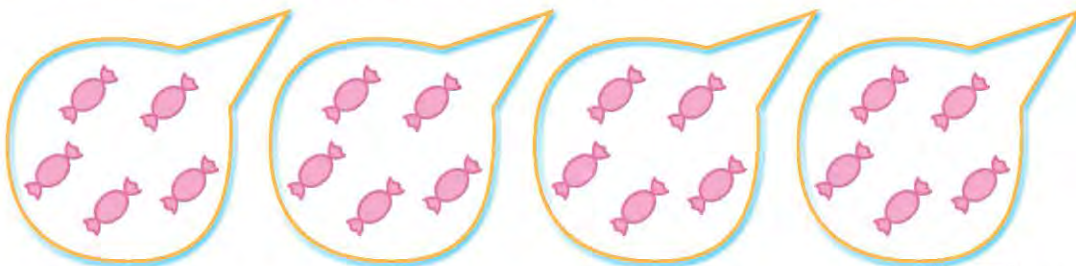
► **Count the numbers up to 20.**



► **Count the objects given below.**



apples



chocolates

► Complete the table.



1 ten and 1 one = 11

Eleven

11	11					



1 ten and 2 ones = 12

Twelve

12	12					



1 ten and 3 ones = 13

Thirteen

13	13					

► Complete the table.



$1 \text{ ten and } 4 \text{ ones} = 14$

Fourteen

14						



$1 \text{ ten and } 5 \text{ ones} = 15$

Fifteen

15						



$1 \text{ ten and } 6 \text{ ones} = 16$

Sixteen

16						

► Complete the table.



1 ten and 7 ones = 17

Seventeen

17						



1 ten and 8 ones = 18

Eighteen

18						

► Complete the table.



1 ten and 9 ones = 19

Nineteen

19						



2 tens = 20

Twenty

20						

► **What comes just before?**

14	15
	11

	12
	17

	18
	20

► **What comes just after?**

11	
17	

13	
	14

15	
18	

► ○ **the smaller number.**

17	18
20	19

14	15
18	17

15	16
12	11

► ○ **the bigger number.**

९	१९
---	----

८	१२
---	----

७	१७
---	----

११	१५
----	----

९	१४
---	----

१०	१८
----	----

► **Fill the numbers that comes between.**

12		14
10		12
11		13

15		17
18		20
13		15

► **Fill the numbers that come before and after.**

	12	
	16	
	19	

	15	
	18	
	14	

► **Write the missing numbers.**

10		12	13		15
----	--	----	----	--	----

15	16			19	20
----	----	--	--	----	----

	16	15	14		12
--	----	----	----	--	----

 the smallest number.

12	13	11
14	13	12
11	17	18
15	14	17

14	13	16
13	17	19
19	20	13
10	18	19

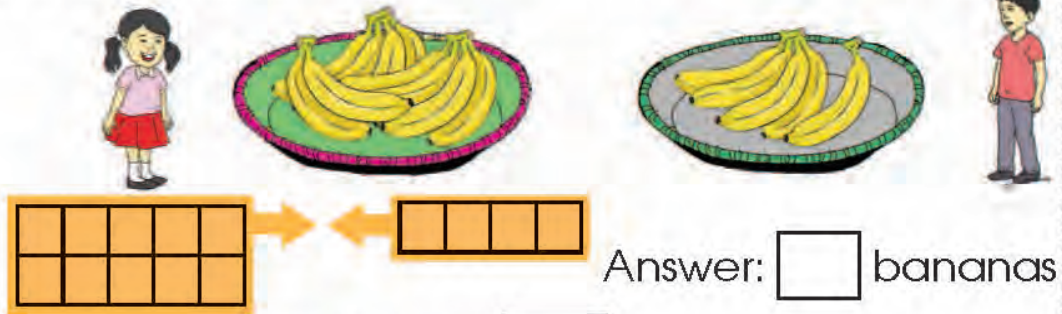
 the biggest number.

12	13	14
13	15	12
18	16	14
14	16	11

14	11	17
19	15	14
16	20	14
12	15	19

Let's add.

Sita has 10 bananas. Hari has 5 bananas. How many bananas do they have altogether?



In mathematical sentence: $10 + 5 = \square$

Add.

$$10 + 2 = \square$$

$$10 + 8 = \square$$

$$10 + 7 = \square$$

$$10 + 10 = \square$$

How many chocolates are there altogether?



13 chocolates



4 chocolates



In mathematical sentence: $13 + 4 = \square$

Add.

$$12 + 1 = \square$$

$$14 + 2 = \square$$

$$11 + 7 = \square$$

$$15 + 4 = \square$$

 **Add.**

$12 + 2 = \boxed{}$

$12 + 5 = \boxed{}$

$12 + 7 = \boxed{}$

$11 + 1 = \boxed{}$

$14 + 3 = \boxed{}$

$15 + 1 = \boxed{}$

$6 + 12 = \boxed{}$

$1 + 18 = \boxed{}$

$3 + 14 = \boxed{}$

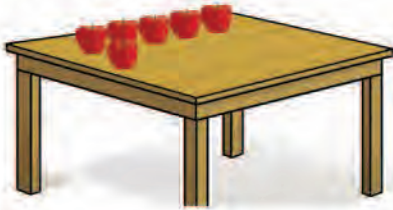
$10 + 4 = \boxed{}$

$10 + 8 = \boxed{}$

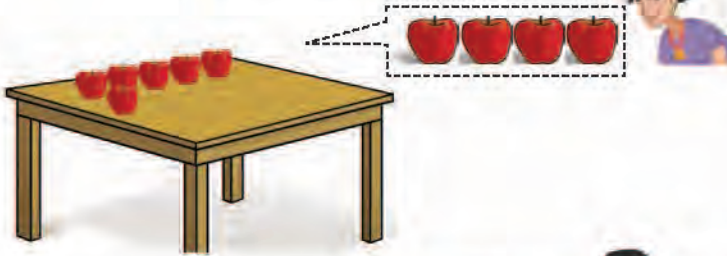
$5 + 10 = \boxed{}$

► Calculate.

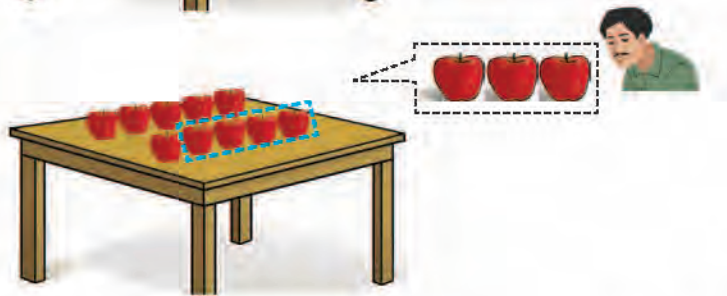
There are 7 apples on the table. My mother added 4 more there. My father added 3 more there. How many apples are there on the table now?



6



$6 + 4$



$6 + 4 + 3$

In mathematical sentence: $6 + 4 + 3 = 13$ apples

► Let's add.

$$8 + 2 + 4 = \square$$

$$7 + 3 + 5 = \square$$

$$9 + 1 + 6 = \square$$

$$5 + 5 + 3 = \square$$

$$2 + 3 + 4 = \square$$

$$5 + 2 + 1 = \square$$

$$4 + 3 + 3 = \square$$

$$8 + 2 + 10 = \square$$

► Calculate.

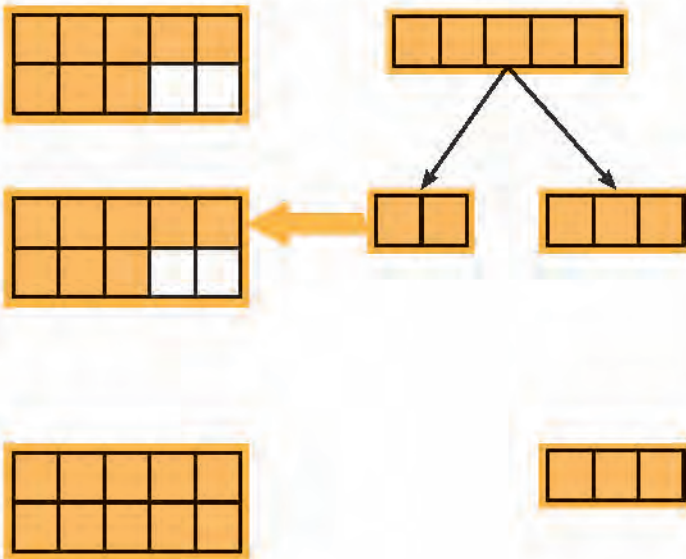
Goma has 8 bananas. Santosh has 5 bananas. How many bananas do they have altogether?



8 bananas



5 bananas



It is easier to count in 10. So let's make 10 first and then add remaining with 10.

Remove 2 bananas from 5 and combine it with 8 to make 10.

$$\underline{8} + \underline{2} + 3 = 10 + 3$$

10 and 3 make .

In mathematical sentence: $8 + 5 = \square$

Answer: bananas

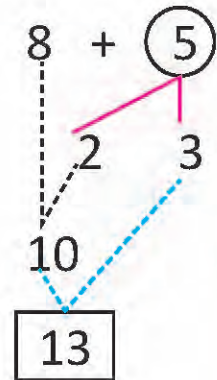
► What is the total?

$$9 + 5 = \square$$



How to add 8 + 5?

1. To make 10, should be added to 8.
2. Break 5 into and .
3. Add 8 and to makes 10.
4. 10 and makes .



We can calculate in this way too.

$$\begin{aligned}8 + 5 &= 8 + 2 + 3 \\ &= \underline{10} + 3 \\ &= 13\end{aligned}$$

Add by making 10.

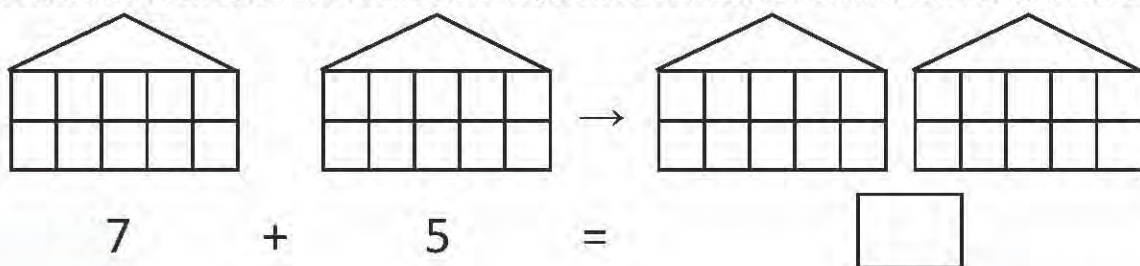
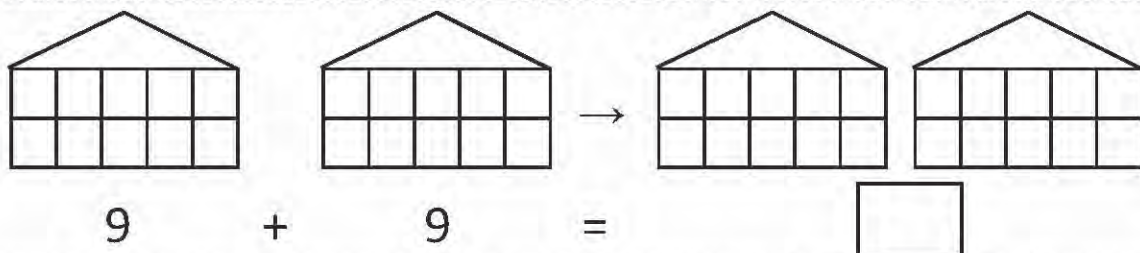
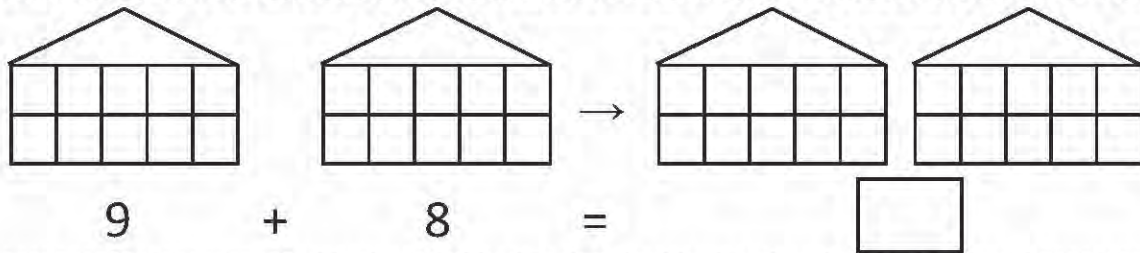
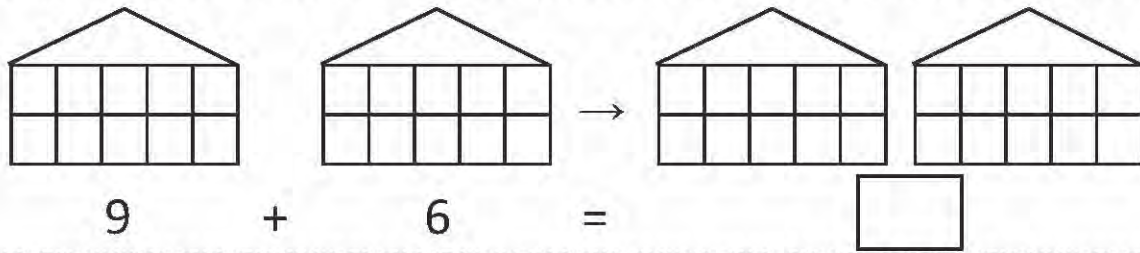
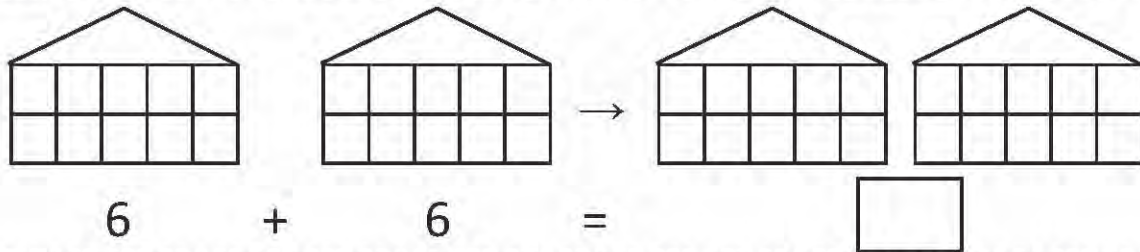
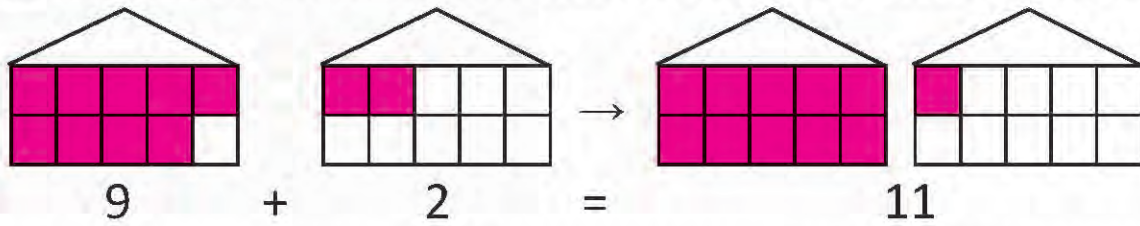
$8 + 4 = \square$

$7 + 5 = \square$

$9 + 2 = \square$

$6 + 5 = \square$

► Colour and add.



► Calculate.

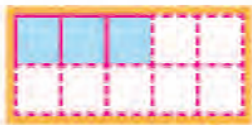
Sita has 3 bananas. Hari has 8 bananas. How many bananas do they have altogether?



3 bananas



8 bananas

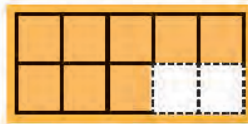
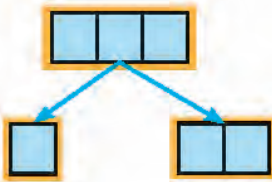


Let's Make 10 by breaking 8 and add.

$$\begin{aligned} 3 + 8 &= 3 + 7 + 1 \\ &= 10 + 1 \\ &= 11 \end{aligned}$$



We can make 10 by breaking 3 too.



$$\begin{aligned} 3 + 8 &= 1 + 2 + 8 \\ &= 1 + 10 \\ &= 11 \end{aligned}$$



In mathematical sentence: $9 + 3 = \square$

► What is the total?

$2 + 9 = \square$

$4 + 8 = \square$

$6 + 8 = \square$

$8 + 9 = \square$

► **Calculate.**

How many birds are there altogether?



9 birds



6 birds

In mathematical sentence: $9 + 6 = 15$

Answer: 15 birds

► **Let's practise addition by putting in vertical form.**

$$9 + 6 = 15$$



$$\begin{array}{r} 9 \\ + 6 \\ \hline 15 \end{array}$$

$$8 + 3 = 11$$

	8
+	3
<hr/>	
1	1

$$7 + 5 = \square$$

<hr/>	

$$6 + 8 = \square$$

<hr/>	

► **Add.**

$$\begin{array}{r} 9 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline \square \end{array}$$

 **Add.**

$$\begin{array}{r} 9 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} 12 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 13 \\ + 3 \\ \hline \square \end{array}$$

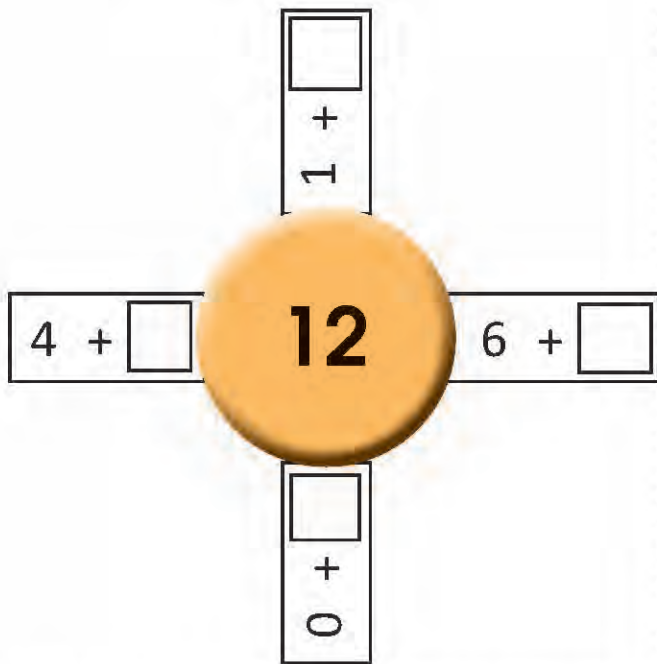
$$\begin{array}{r} 14 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 16 \\ + 4 \\ \hline \square \end{array}$$

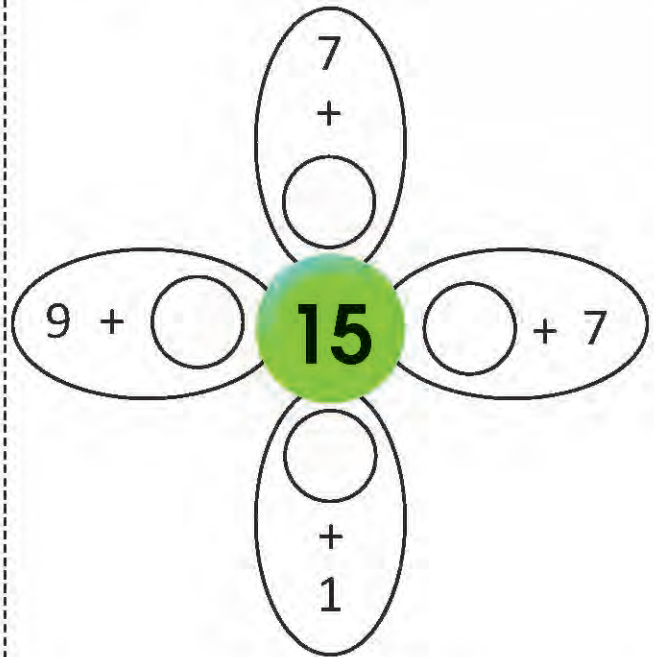
$$\begin{array}{r} 15 \\ + 4 \\ \hline \square \end{array}$$

► **Add.**

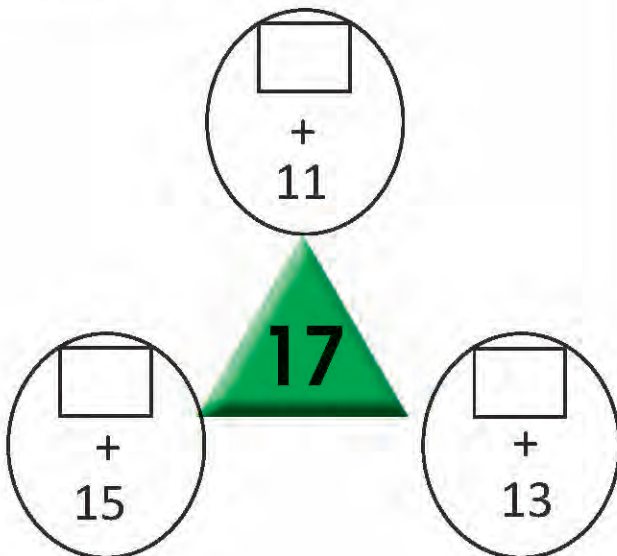
Which number should be put in to make 12?



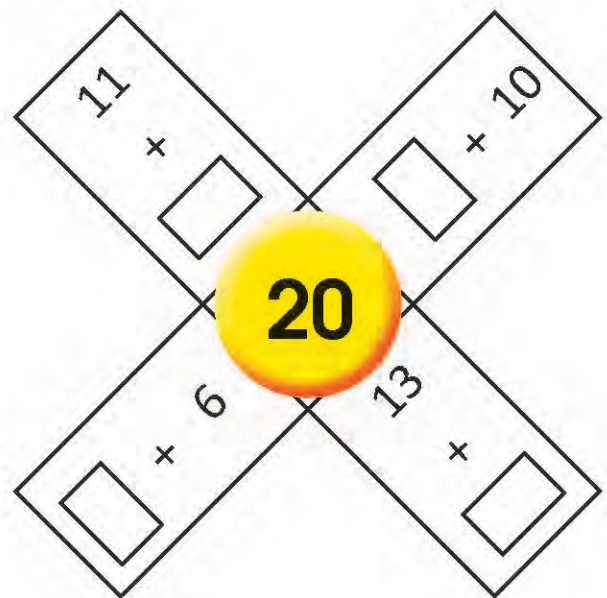
Which number should be put in to make 15?



Which number should be put in to make 17?



Which number should be put in to make 20?



Subtraction of Numbers up to 20

11

▶ Let's subtract.

Sita had 12 bananas. She ate 2 bananas. How many bananas are left?





Answer: bananas

In mathematical sentence: $12 - 2 = \square$

▶ Subtract.

$$13 - 3 = \square$$
$$18 - 8 = \square$$

$$16 - 6 = \square$$
$$15 - 5 = \square$$

When 3 out of 15 chocolates were sold, how many chocolates were left?

15 chocolates





Answer: chocolates

In mathematical sentence: $15 - 3 = \square$

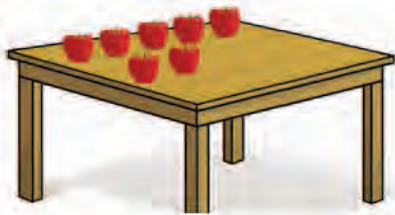
▶ Subtract.

$$13 - 2 = \square$$
$$19 - 3 = \square$$

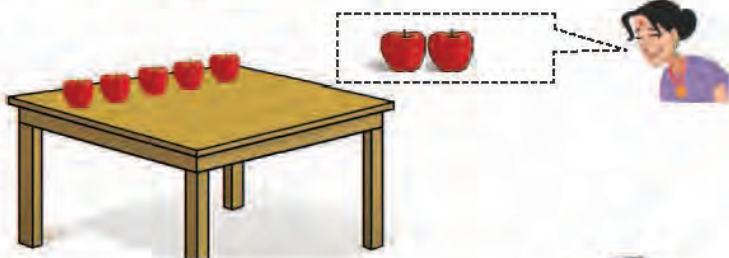
$$16 - 1 = \square$$
$$17 - 4 = \square$$

Subtract.

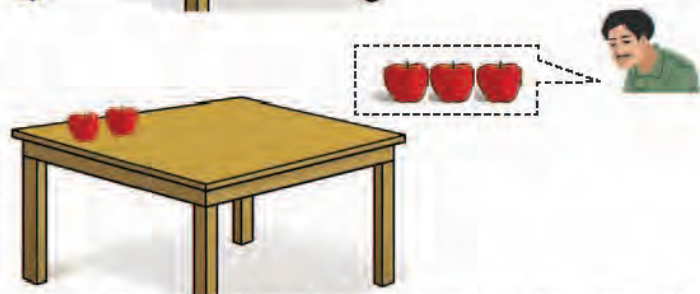
There are 7 apples on the table. My mother took away 2 apples. Then, my father took away 3 apples. How many apples remained on the table?



$$7$$



$$7 - 2$$



$$7 - 2 - 3$$

Answer: apples

In mathematical sentence: $7 - 2 - 3 = 2$

► What is the remainder?

$$5 - 2 - 1 = \square$$

$$8 - 2 - 2 = \square$$

$$9 - 4 - 3 = \square$$

$$8 - 5 - 1 = \square$$

$$6 - 4 - 1 = \square$$

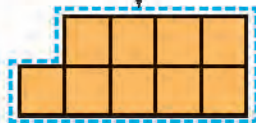
$$4 - 1 - 1 = \square$$

$$7 - 1 - 4 = \square$$

$$10 - 2 - 3 = \square$$

► Subtract.

There are 12 pencils in a shop. The shopkeeper sold 9 of them. How many pencils were left?



It is easier to subtract from 10.

12 is 10 and 2.

Let's subtract 9 from 10.

Now, remains 1 and 2.

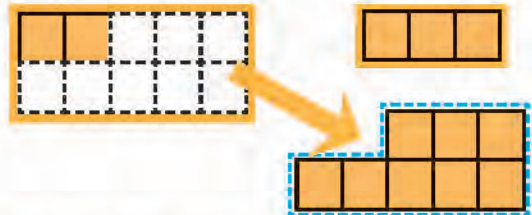
$1 + 2$ is .

Answer: pencils

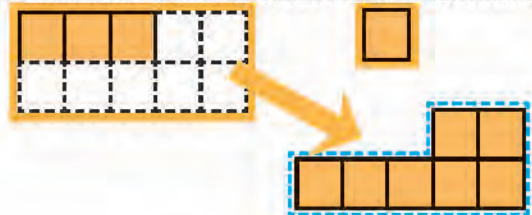
In Mathematical sentence: $15 - 3 =$

► Make 10 and subtract.

$$13 - 8 = \square$$



$$11 - 7 = \square$$

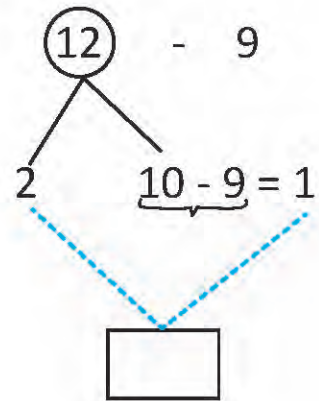


► How to subtract 12 - 9?

1. Break 12 into and to subtract 9 from 10.
2. Subtract from 10.
3. Add and .

We can calculate in this way too.

$$\begin{aligned} 12 - 9 &= 2 + \underbrace{10 - 9} \\ &= 2 + 1 \\ &= 3 \end{aligned}$$



► Make 10 and subtract.

$12 - 7 = \square$

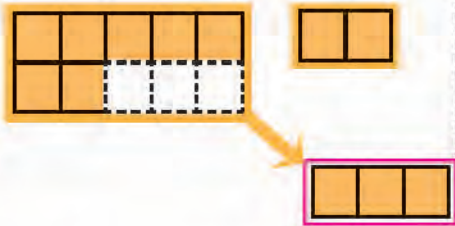
$13 - 9 = \square$

$16 - 9 = \square$

$15 - 7 = \square$

► Subtract.

Hasina has 12 apples. She has given 3 apples to her brother. How many apples are left with her?



Subtracting 3 from 10 leaves 7.
Now, 7 and 2 makes .



We can calculate in this way too.

$$\begin{aligned} 12 - 3 &= 2 + 10 - 3 \\ &= 2 + 7 \\ &= 9 \end{aligned}$$

In mathematical sentence: $12 - 3 = \square$

Answer: apples.

► Make 10 and subtract.

$16 - 7 = \square$

$12 - 4 = \square$

► **Let's subtract.**

There were 12 pigeons on the roof. 3 pigeons flew away. How many pigeons were left on the roof?



In Mathematical sentence: $12 - 3 = 9$

(In horizontal form)

$$12 - 3 = 9$$



Answer: 9 pigeons

(In vertical form)

$$\begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array}$$

► **Subtract and write in vertical form.**

$11 - 5 = 6$

	1	1
-		5
		6

$14 - 6 = \square$

-		

$13 - 8 = \square$

-		

► **Subtract.**

$$\begin{array}{r} 12 \\ - 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 15 \\ - 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 17 \\ - 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 13 \\ - 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline \square \end{array}$$

Subtract.

$$\begin{array}{r} 11 \\ - 1 \\ \hline \square \end{array}$$



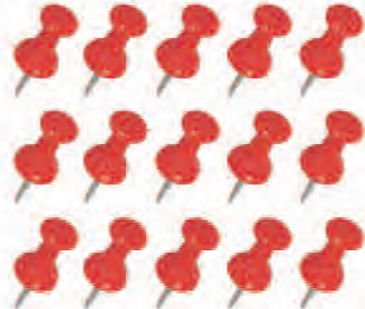
$$\begin{array}{r} 12 \\ - 4 \\ \hline \square \end{array}$$



$$\begin{array}{r} 13 \\ - 5 \\ \hline \square \end{array}$$



$$\begin{array}{r} 15 \\ - 5 \\ \hline \square \end{array}$$



$$\begin{array}{r} 17 \\ - 6 \\ \hline \square \end{array}$$



$$\begin{array}{r} 18 \\ - 7 \\ \hline \square \end{array}$$



$$\begin{array}{r} 19 \\ - 7 \\ \hline \square \end{array}$$

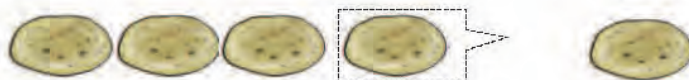


$$\begin{array}{r} 14 \\ - 7 \\ \hline \square \end{array}$$



1. There were 4 breads. 1 bread was given to dog.
How many breads were left? □

$$4 - 1 = \square$$



 **Add.**

$11 + 1 =$	
$12 + 2 =$	
$13 + 3 =$	
$14 + 4 =$	
$15 + 5 =$	
$16 + 4 =$	

$9 + 7 =$	
$8 + 8 =$	
$9 + 9 =$	
$14 + 4 =$	
$12 + 8 =$	
$10 + 10 =$	

 **Subtract.**

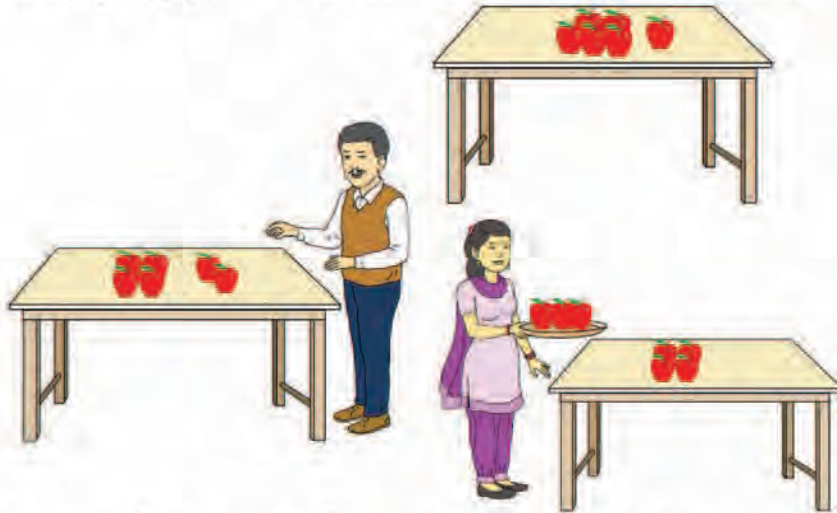
$10 - 5 =$	
$12 - 6 =$	
$14 - 8 =$	
$16 - 8 =$	
$18 - 4 =$	
$19 - 7 =$	

$10 - 6 =$	
$12 - 2 =$	
$14 - 3 =$	
$16 - 9 =$	
$18 - 8 =$	
$19 - 9 =$	

1. Mother cooked 15 breads. She gave 5 breads to her daughter. How many breads were left with mother?

► Let's add and subtract.

There are 6 apples on the table. The father took away 2 apples. Then, the mother bought 3 apples and put on the table. How many apples are there on the table now?



6

$6 - 2$

$6 - 2 + 3$

Answer: 7 apples

In mathematical sentence: $6 - 2 + 3 = 7$

There are 5 apples. The mother bought 4 apples. Then, the father took away 3 apples. How many apples are there now?



5



$5 + 4$



$5 + 4 - 3$

In mathematical sentence: $5 + 4 - 3 = 6$

Answer: 6 apples

► Calculate.







$$6 - 1 + 4 = \square$$

$$5 + 3 - 4 = \square$$











$$8 - 3 + 5 = \square$$

$$3 + 7 - 4 = \square$$

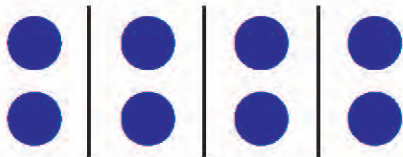
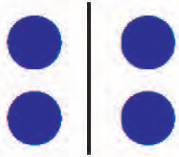
▶ Let's discuss.

Odd	Even
<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">1</div>  </div>	<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">2</div> <div style="border: 1px dashed black; padding: 5px; display: flex; gap: 10px;">  </div> </div>
<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">3</div> <div style="border: 1px dashed black; padding: 5px; display: flex; gap: 10px; margin-right: 10px;">  </div>  </div>	<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">4</div> <div style="border: 1px dashed black; padding: 5px; display: flex; gap: 10px; margin-right: 10px;">  </div> <div style="border: 1px dashed black; padding: 5px; display: flex; gap: 10px;">  </div> </div>

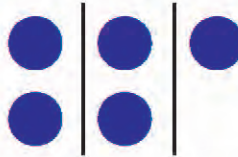
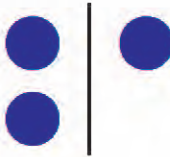
▶ Make groups of 2 of the following objects and write 'odd' or 'even'.

<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px; display: flex; gap: 10px;">  </div> <div style="border: 1px solid black; padding: 5px; margin-right: 10px; display: flex; gap: 10px;">  </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; justify-content: center;">  </div> </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">5</div> <div style="border: 1px solid black; padding: 5px; color: red; font-weight: bold; font-size: 1.2em;">Odd</div> </div>	<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;">    </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> </div>
<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;">  </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> </div>	<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;">  </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> </div>
<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;">  </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> </div>	<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;">  </div> <div style="border: 1px solid black; padding: 5px; display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"></div> </div>

▶ Even



▶ Odd

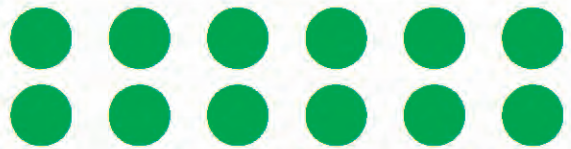


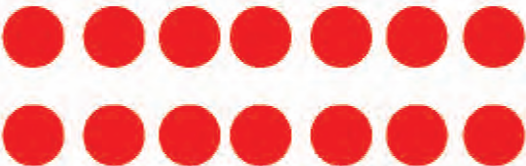
▶ Separate odd and even by drawing a vertical line.













▶ Odd and Even.

3



While drawing a horizontal line, the numbers above and below are not equal.

5



While drawing a horizontal line, the numbers above and below are not equal.

2



While drawing a horizontal line, the number is equal both above and below.

4



While drawing a horizontal line, the number is equal both above and below.

▶ Separate odd and even by drawing horizontal line.



6

Even











► Write the odd and even numbers in the respective box.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10
11, 12, 13, 14, 15, 16, 17, 18, 19, 20

Even	Odd

13

Number names up to 20


► Read and write number names.

1	One	One	One	One
2	Two			
3	Three			
4	Four			
5	Five			
6	Six			
7	Seven			
8	Eight			
9	Nine			
10	Ten			
11	Eleven			
12	Twelve			
13	Thirteen			
14	Fourteen			
15	Fifteen			
16	Sixteen			
17	Seventeen			
18	Eighteen			
19	Nineteen			
20	Twenty			

 Write the number names of the numerals given below.

2	
5	
8	
7	
9	

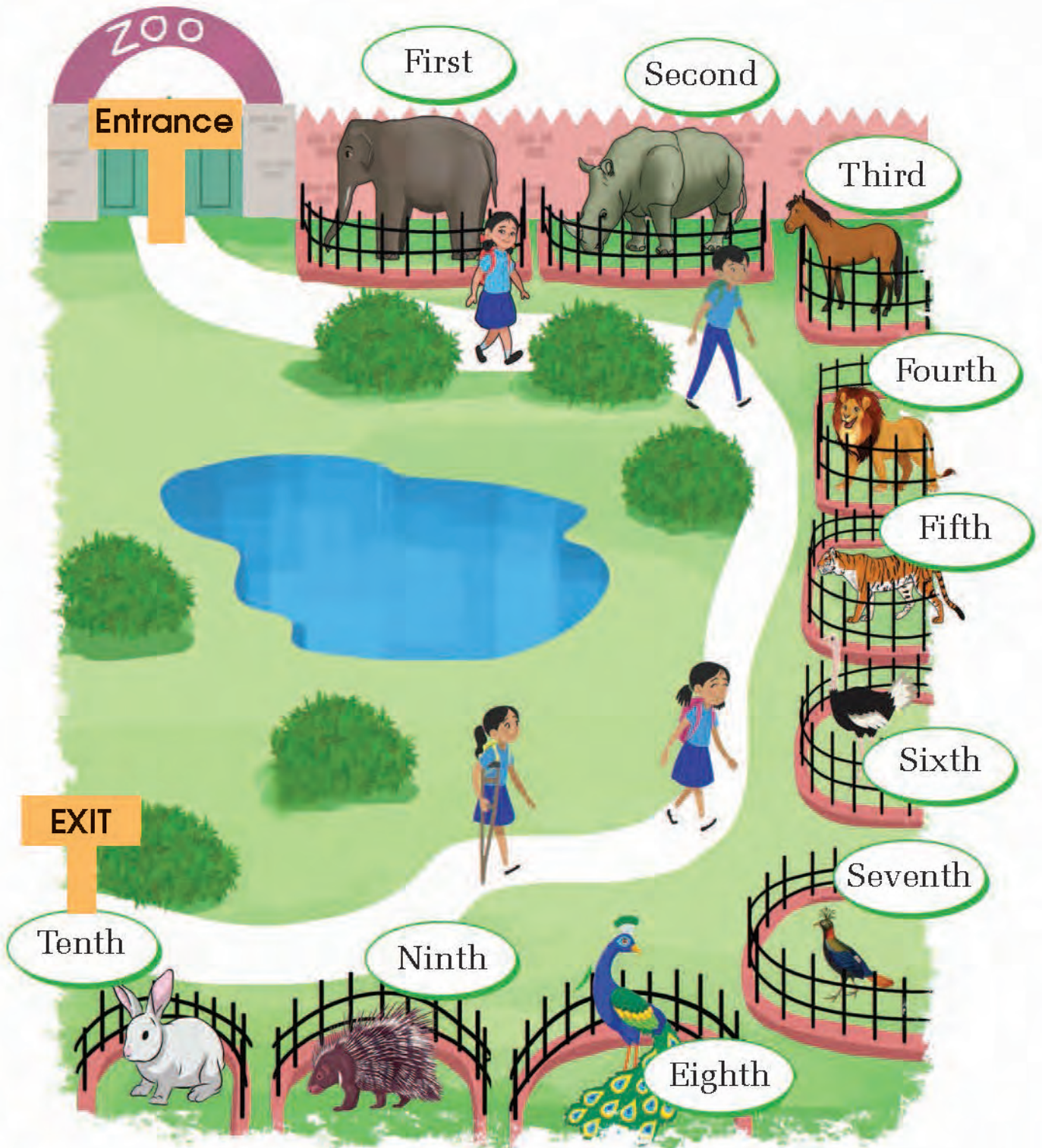
15	
11	
13	
20	
17	

 Write the numerals of the numbers written in (number names) words.

Three	
Four	
One	
Ten	
Six	

Twelve	
Fourteen	
Nineteen	
Eighteen	
Sixteen	

Let's discuss.



► **Let's discuss.**

Entrance

Exit



The first four animals from the entrance.



The fourth animal from the entrance.



► **Mark** .

The first three animals from the entrance.



The second animal from the entrance.



The fourth animal from the exit.

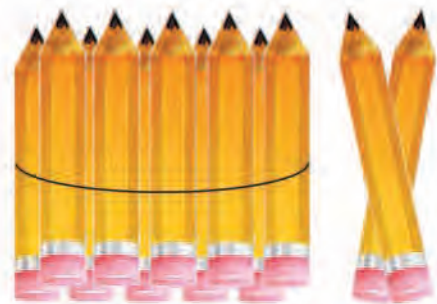


The third animal from the exit.



Let's see, how much Have I learnt?

Count and write the number of pencils.



Fill in the correct number in .

10 and 2 makes .

10 and makes 17.

What comes just before?

<input type="text"/>	13
----------------------	----

<input type="text"/>	16
----------------------	----

<input type="text"/>	10
----------------------	----

the bigger number.

13	14
----	----

16	12
----	----

11	15
----	----

the smallest number.

12	13	14
----	----	----

14	11	17
----	----	----

► **Fill in with correct numbers.**

	11			14	
--	----	--	--	----	--

► **Add.**

$10 + 4 = \square$

$12 + 7 = \square$

$13 + 5 = \square$

► **Add.**

$9 + 1 + 5 = \square$

$2 + 3 + 5 = \square$

► **Make 10 and add.**

$8 + 6 = \square$

$9 + 5 = \square$

$7 + 4 = \square$

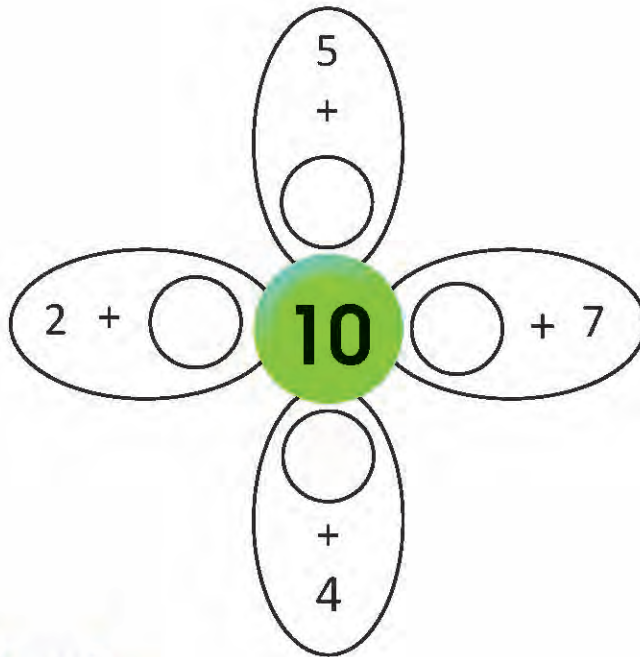
$$\begin{array}{r} 9 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline \square \end{array}$$

► Which number should be put in ○ to make 10.



► Subtract.

$12 - 2 = \square$

$15 - 5 = \square$

$16 - 4 = \square$

$8 - 4 - 1 = \square$

$10 - 4 - 2 = \square$

$12 - 3 = \square$

$14 - 6 = \square$

$11 - 8 = \square$

$$\begin{array}{r} 14 \\ - 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 15 \\ - 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 18 \\ - 5 \\ \hline \square \end{array}$$

► Calculate.

$5 - 1 + 2 = \square$

$8 + 1 + 2 = \square$

► Separate odd and even and write.



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► Write the number names of the numerals given below.

5	
12	

14	
19	

► Write number names in numerals.

Seventeen	
Eleven	

Fifteen	
Thirteen	

► Mark on the fifth animal from the entrance.

Entrance



► Mark on the fourth animal from the exit.

Entrance



▶ Let's count by tens.



$$2 \text{ tens} = 20$$



$$3 \text{ tens} = 30$$



$$4 \text{ tens} = 40$$



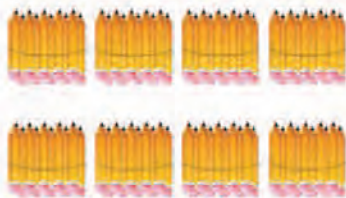
$$5 \text{ tens} = 50$$



$$6 \text{ tens} = 60$$



$$7 \text{ tens} = 70$$



$$8 \text{ tens} = 80$$



$$9 \text{ tens} = 90$$



$$10 \text{ tens} = 100$$

▶ Match.

1 tens

60

2 tens

40

3 tens

70

4 tens

10

5 tens

30

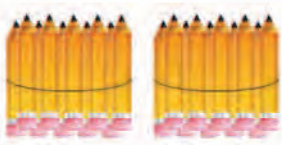
6 tens

20

7 tens

50

► Look at the example and complete the box.



2 tens and 1	21
--------------	----



--	--



--	--



--	--



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--	--



3 tens	30
--------	----

► Look at the example and complete the box.



3 tens and 1	31
--------------	----



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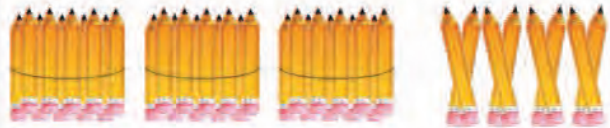
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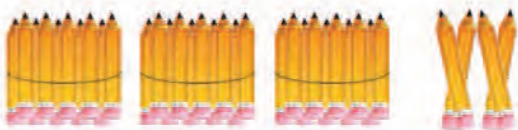
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4 tens	30
--------	----

► Look at the example and complete the box.

4 tens and 1	41	4 tens and 2	
4 tens and 3		4 tens and 4	
4 tens and 5		4 tens and 6	
4 tens and 7		4 tens and 8	
4 tens and 9		5 tens	50

► What comes just before?

	25
--	----

	32
--	----

	48
--	----

► What comes just after?

	25
--	----

	32
--	----

	48
--	----

► ○ the smaller number.

21	22
----	----

30	29
----	----

45	46
----	----

► ○ the bigger number.

23	24
----	----

35	32
----	----

47	49
----	----

► Fill the number in between.

21		23
----	--	----

25		27
----	--	----

30		32
----	--	----

28		30
----	--	----

41		43
----	--	----

44		46
----	--	----

► What comes before and after? Write.

	24	
--	----	--

	28	
--	----	--

	33	
--	----	--

	43	
--	----	--

	49	
--	----	--

	36	
--	----	--

► Fill in the boxes.

21					
----	--	--	--	--	--

	32				
--	----	--	--	--	--

	40				
--	----	--	--	--	--

► Look at the example and complete.



5 tens and 1	51
--------------	----



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► Look at the example and complete.



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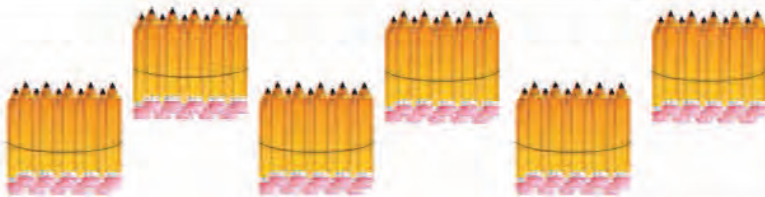
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6 tens	60
--------	----

► Look at the example and complete.

6 tens and 1	61	6 tens and 2	
6 tens and 3		6 tens and 4	
6 tens and 5		6 tens and 6	
6 tens and 7		6 tens and 8	
6 tens and 9		7 tens	70

► Look at the example and complete.

7 tens and 1	71	7 tens and 2	
7 tens and 3		7 tens and 4	
7 tens and 5		7 tens and 6	
7 tens and 7		7 tens and 8	
7 tens and 9		8 tens	80

► Look at the example and complete.



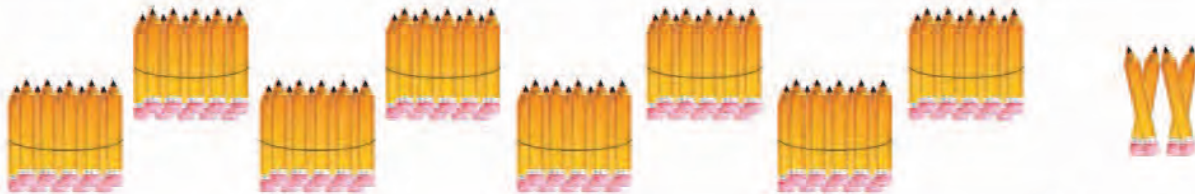
8 tens and 1	81
--------------	----



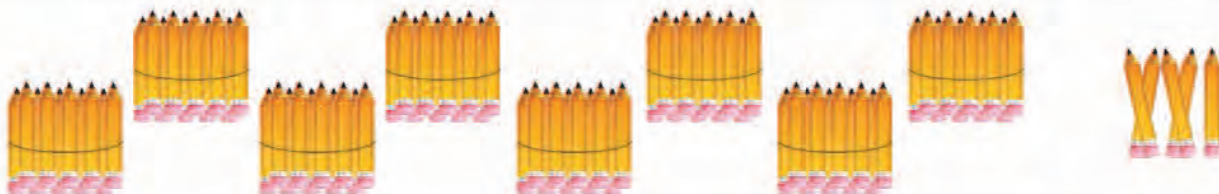
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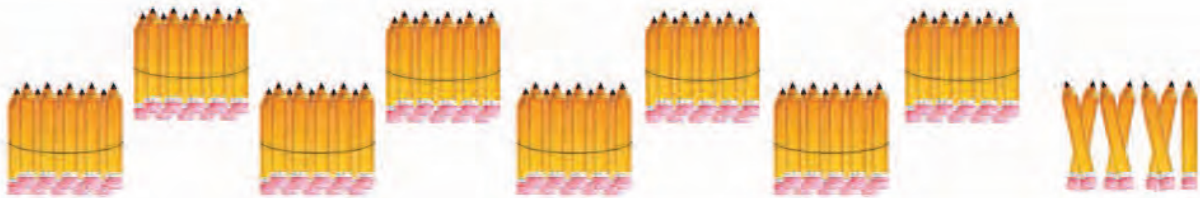


--	--

► Look at the example and complete.



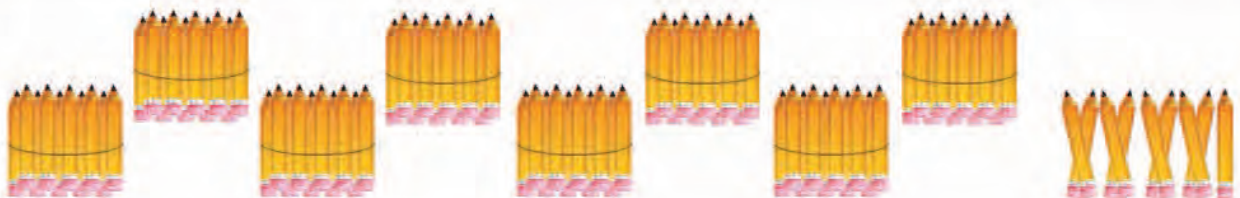
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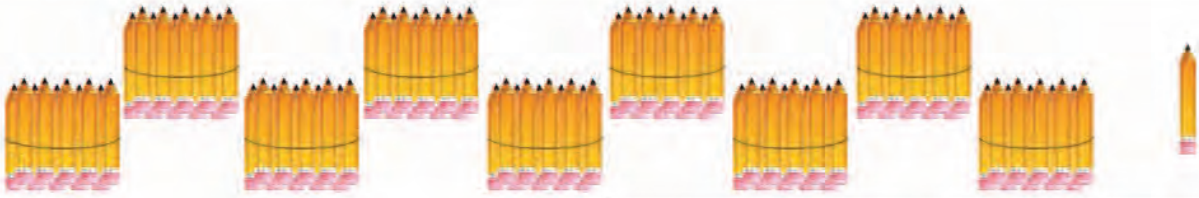


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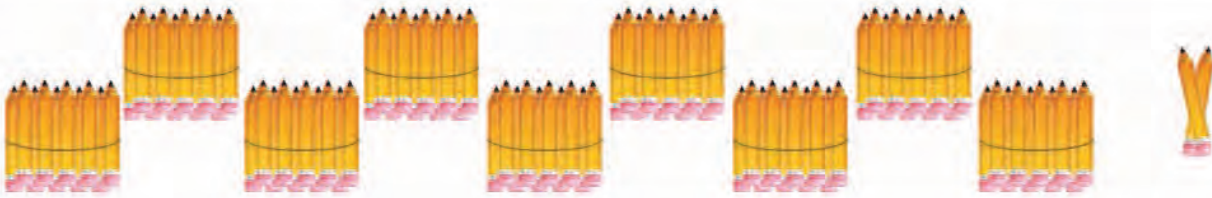
9 tens	90
--------	----

► Look at the example and complete.

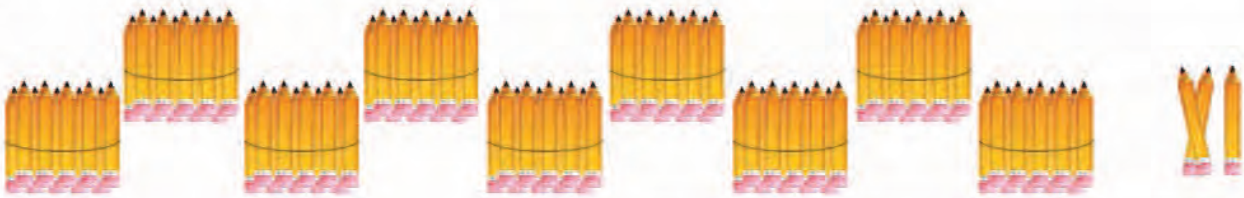


9 tens and 1

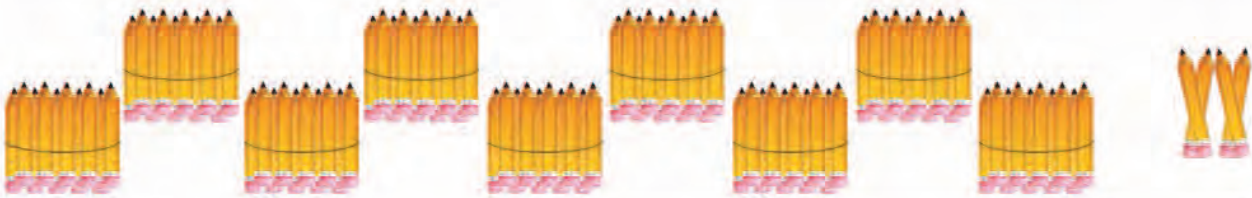
91



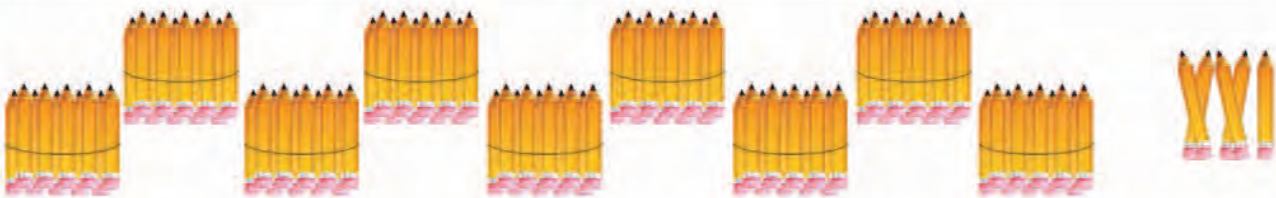
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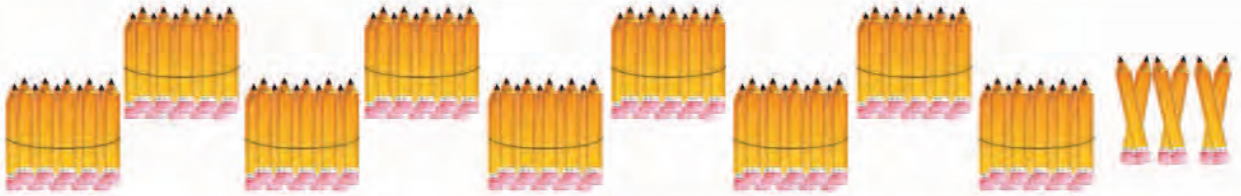


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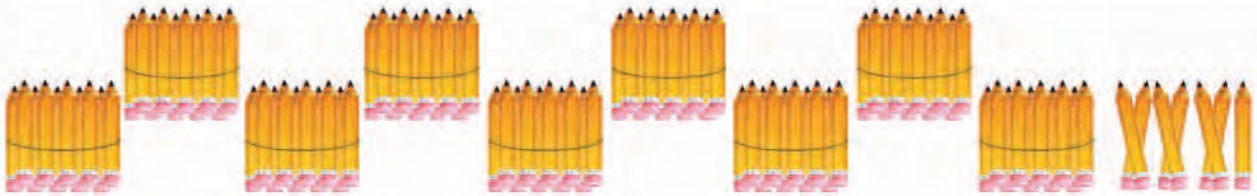


--	--

► Look at the example and complete.



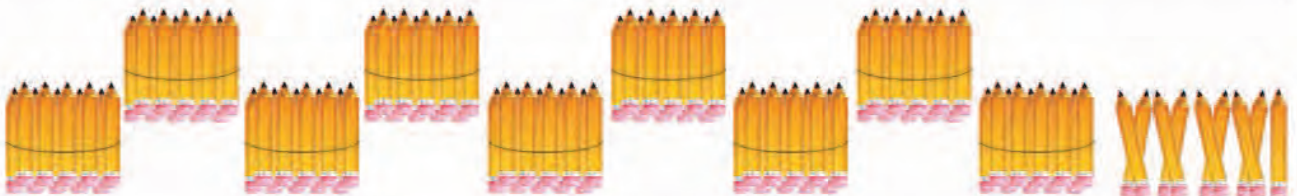
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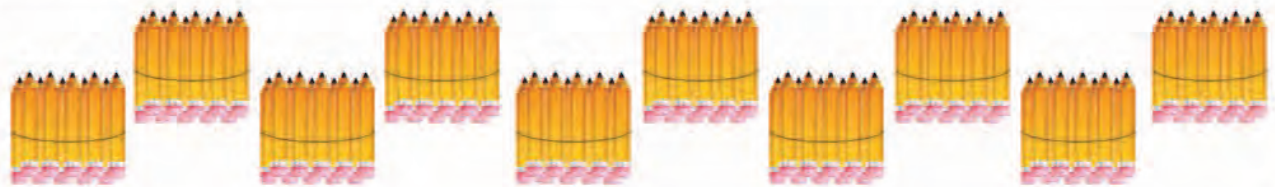
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--	--



--	--



10 tens	100
---------	-----

► **What comes just before?**

	50
--	----

	71
--	----

	88
--	----

► **What comes just after?**

53	
----	--

64	
----	--

92	
----	--

► ○ **the smaller number.**

51	52
----	----

63	62
----	----

76	78
----	----

► ○ **the bigger number.**

58	60
----	----

83	79
----	----

98	99
----	----

► **Fill in the number in between.**

58		60
----	--	----

75		77
----	--	----

66		68
----	--	----

88		90
----	--	----

► **Fill the numbers that comes before and after.**

	73	
--	----	--

	94	
--	----	--

► ○ the smallest number.

51	52	50
----	----	----

59	60	61
----	----	----

54	56	52
----	----	----

63	65	62
----	----	----

97	91	95
----	----	----

88	87	83
----	----	----

► ○ the biggest number.

52	54	51
----	----	----

63	64	65
----	----	----

68	70	72
----	----	----

69	71	70
----	----	----

84	86	87
----	----	----

95	98	94
----	----	----

► Complete.

71					
----	--	--	--	--	--

	82				
--	----	--	--	--	--

	90				
--	----	--	--	--	--

16 Addition of Numbers up to sum 100.

Let's add two digit numbers.

Hari has 2 books. What is the number of pages in both the book altogether?



50 pages



30 pages

Tens	Ones

Adding 5 tens and 3 tens make 8 tens.

We can add this in this way:

$$\begin{array}{r} 5 \text{ tens} \\ + 3 \text{ tens} \\ \hline 8 \text{ tens} \end{array} \quad \rightarrow \quad \begin{array}{r} 50 \\ + 30 \\ \hline \square \end{array}$$



In mathematical sentence: $50 + 30 = \square$

Answer: \square pages

Add.

$30 + 10 = \square$

$40 + 30 = \square$

$20 + 20 = \square$

$10 + 50 = \square$

$30 + 60 = \square$

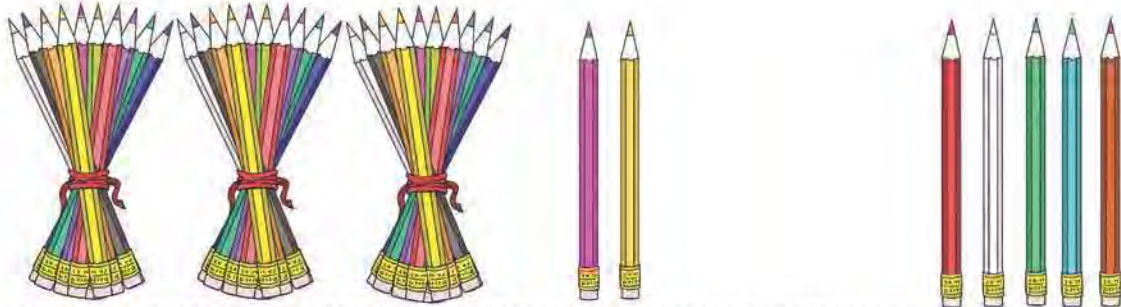
$30 + 30 = \square$

$50 + 50 = \square$

$70 + 30 = \square$

► Calculate.

Sita has 32 pencils. Her father gave her 5 pencils. How many pencils does she have now?



Tens	Ones

Here are 2 ones and 5 ones. In total there are 7 ones.

We have 3 tens also.

We can add this in this way:

3 tens and 2	32
+ 0 tens and 5	+ 5
3 tens and 7	<input style="width: 50px; height: 30px;" type="text"/>

In mathematical sentence: $32 + 5 = \square$

Answer: pencils

► Add.

67 + 2 =

54 + 4 =

92 + 7 =




83 + 4 =

71 + 8 =

34 + 3 =

► Calculate.

Calculate the sum of 4 and 24?

Tens	Ones
	
	

There are 3 and 4 in the ones place. So there are 7 ones.

We also have 2 tens.

The sum is 27.

We can add this in this way:

$$\begin{array}{r} 0 \text{ tens and } 3 \\ + 2 \text{ tens and } 4 \\ \hline 2 \text{ tens and } 7 \end{array} \quad \rightarrow \quad \begin{array}{r} 3 \\ + 24 \\ \hline \square \end{array}$$

In mathematical sentence: $3 + 24 = \square$

Answer:

► Add.

$1 + 52 = \square$

$6 + 22 = \square$

$5 + 34 = \square$

$2 + 65 = \square$

$3 + 33 = \square$

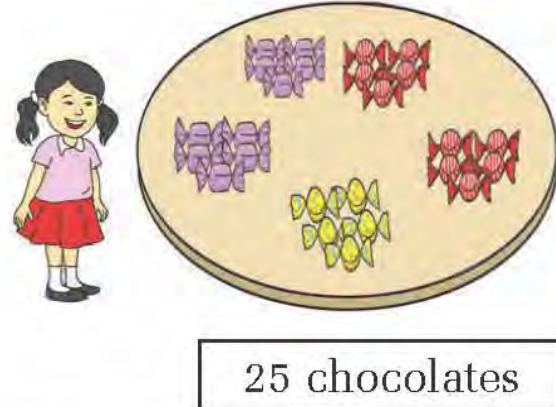
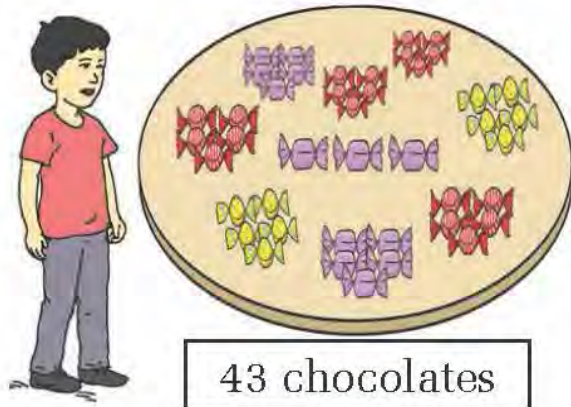
$4 + 44 = \square$

$2 + 76 = \square$

$7 + 21 = \square$

► Add.

Hari has 43 chocolates. Sita has 25 chocolates. How many chocolates do they have altogether?



Tens	Ones

Putting 3 ones and 5 ones together becomes 8 ones.

Here, putting 4 tens and 2 tens together becomes 6 tens.

We also can add this in this way:

$$\begin{array}{r}
 4 \text{ tens and } 3 \\
 + 2 \text{ tens and } 5 \\
 \hline
 6 \text{ tens and } 8
 \end{array}
 \quad \rightarrow \quad
 \begin{array}{r}
 43 \\
 + 25 \\
 \hline
 \square
 \end{array}$$

In mathematical sentence: $43 + 25 = \square$

Answer: \square chocolates

► What is the sum?

$45 + 11 = \square$

$23 + 12 = \square$

$32 + 51 = \square$

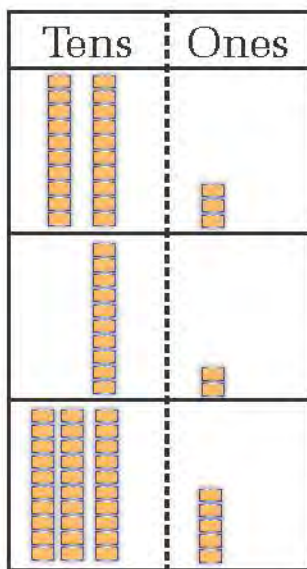
$30 + 35 = \square$

$76 + 20 = \square$

$13 + 85 = \square$

► **Add.**

There are 23 eggs in one crate. 12 eggs are in another crate. How many eggs are there in both the crates?



23 eggs

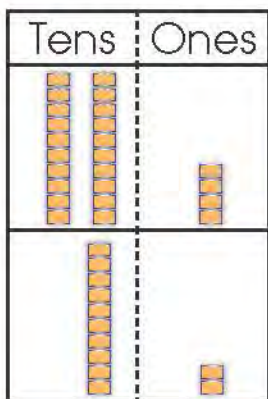
12 eggs

$$23 + 12$$

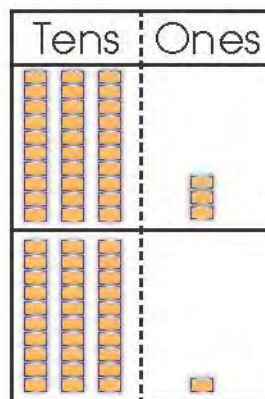
	Tens	Ones
	2	3
+	1	2
	3	5

Answer: 35 eggs in total.

► **Add.**



	Tens	Ones
	2	4
+	1	2



	Tens	Ones
	3	3
+	3	1

 **Add.**

	Tens	Ones		Tens	Ones		Tens	Ones		Tens	Ones
	4	3		5	0		6	2		5	3
+	1	1	+	3	1	+	1	3	+	2	3

	Tens	Ones		Tens	Ones		Tens	Ones		Tens	Ones
	6	0		3	7		3	6		4	5
+	2	5	+	2	2	+	3	3	+	1	1

	Tens	Ones		Tens	Ones		Tens	Ones		Tens	Ones
	7	8		5	2		4	4		3	3
+	1	0	+	3	2	+	4	3	+	1	3

	Tens	Ones		Tens	Ones		Tens	Ones		Tens	Ones
	5	8		4	4		6	4		6	6
+	2	1	+	3	5	+	2	2	+	3	3

 **Add.**

$$\begin{array}{r} 23 \\ +11 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 34 \\ +14 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 43 \\ +12 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 23 \\ +15 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 52 \\ +37 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 34 \\ +15 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 62 \\ +13 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 55 \\ +22 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 67 \\ +21 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 78 \\ +11 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 50 \\ +35 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 44 \\ +33 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 43 \\ +40 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 59 \\ +30 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 25 \\ +52 \\ \hline \hline \end{array}$$

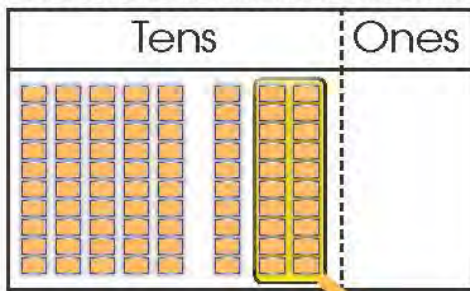
$$\begin{array}{r} 36 \\ +63 \\ \hline \hline \end{array}$$

Let's subtract two digits numbers.

Suna has a book of 80 pages. She has read 20 pages. How many pages are left to read now?



80 pages



If we subtract 2 tens from 8 tens, 6 tens are left.

We can subtract this in this way:



8 tens	→	80
- 2 tens		- 20
6 tens		<input style="width: 40px; height: 20px;" type="text"/>

In mathematical sentence:

$$80 - 20 = \boxed{}$$

Answer: pages

Subtract.

$$50 - 30 = \boxed{}$$

$$60 - 40 = \boxed{}$$

$$90 - 30 = \boxed{}$$

$$80 - 50 = \boxed{}$$

$$80 - 60 = \boxed{}$$

$$70 - 40 = \boxed{}$$

Subtract.

Pemba has 45 pencils. He gave 3 pencils to his friend. How many pencils does he have now?



दश	एक

If we subtract 3 ones from 5 ones, 2 ones are left.

We have 4 tens also.

We can subtract this in this way:

4 tens and 5
- 0 tens and 3

4 tens and 2



45

- 2

In mathematical sentence: $45 - 3 = \square$

Answer: pencils

Subtract.

$34 - 2 = \square$

$28 - 3 = \square$

$63 - 1 = \square$

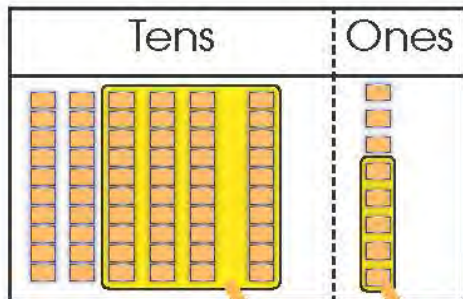
$56 - 4 = \square$

$89 - 6 = \square$

$35 - 3 = \square$

Subtract.

There were 68 pencils in Sonam's shop. He sold 45 pencils. How many pencils are left in his shop now?



Subtracting 5 ones from 8 ones leaves 3 ones.

Subtracting 4 tens from 6 tens leaves 2 tens.



	Tens	Ones
	6	8
-	4	5

Subtract 5 ones from 8 ones.

Subtract 4 tens from 6 tens.

In mathematical sentence: $68 - 45 = \square$

Answer: \square pencils

Subtract.

$76 - 15 = \square$

$58 - 26 = \square$

$63 - 42 = \square$

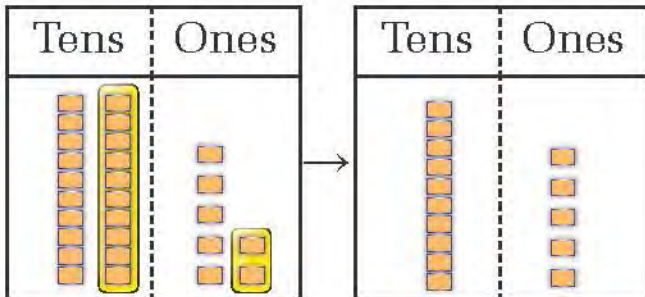
$49 - 20 = \square$

$79 - 60 = \square$

$97 - 73 = \square$

► Subtract.

Samir had 27 chickens. He sold 12 chickens. How many chickens are left now?



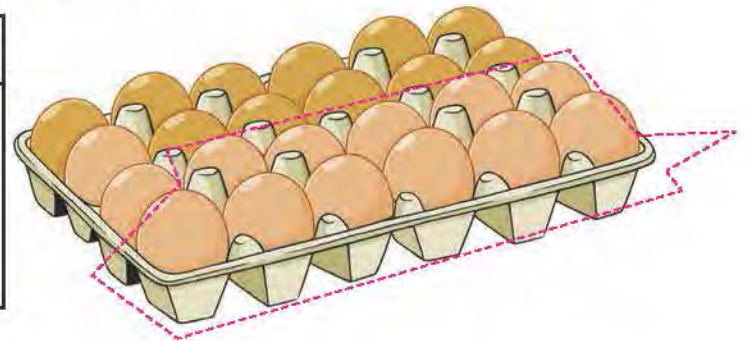
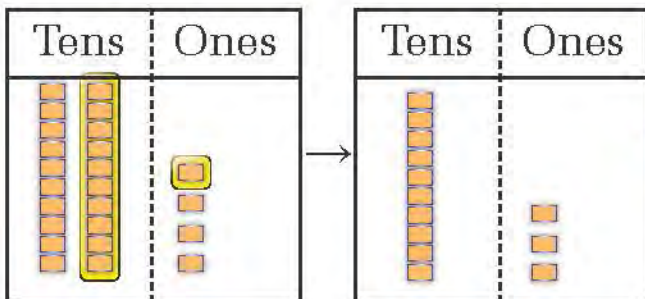
	Tens	Ones
	2	7
-	1	2
	1	5

In mathematical sentence:

$$27 - 12 = \boxed{15}$$

Answer : $\boxed{15}$ chickens

► **Riya sold 11 eggs from a crate which had 24 eggs. How many eggs are left now?**



	Tens	Ones
	2	4
-	1	1
	1	3

In mathematical sentence:

$$24 - 11 = \boxed{13}$$

Answer : $\boxed{13}$ chickens

Subtract.

	Tens	Ones
	1	8
-		6

	Tens	Ones
	2	9
-	1	3

	Tens	Ones
	3	5
-	1	4

	Tens	Ones
	4	3
-	1	3

	Tens	Ones
	4	6
-	3	2

	Tens	Ones
	5	3
-	4	3

 **Subtract.**

	Tens	Ones
	4	2
-	2	2

	Tens	Ones
	6	6
-	2	1

	Tens	Ones
	4	9
-	2	3

	Tens	Ones
	6	7
-	4	3

	Tens	Ones
	3	9
-	2	4

	Tens	Ones
	8	8
-	4	5

	Tens	Ones
	7	7
-	3	4

	Tens	Ones
	8	9
-	5	6

	Tens	Ones
	7	8
-	4	6

	Tens	Ones
	9	6
-	3	5

	Tens	Ones
	9	9
-	2	9

	Tens	Ones
	8	7
-	4	2

► Let's sing a song.

एक एक एक
बायाँ खुट्टो टेक



दुई दुई दुई
आऊ मेरो बुई



तीन तीन तीन
क ख ग चिन



चार चार चार
हात खुट्टा सार



पाँच पाँच पाँच
हातका औँला पाँच



► Let's sing a song.

छ छ छ
पाँच र एक छ



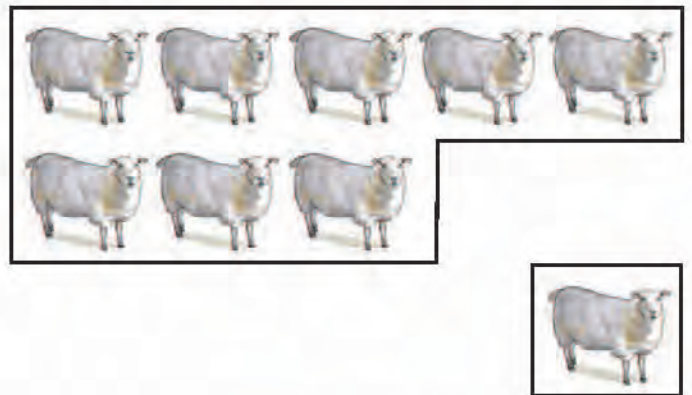
सात सात सात
हप्तामा बार सात













आठ आठ आठ
सात र एक आठ



नौ नौ नौ
आठ र एक नौ



Hindu Arabic and Devanagari Numerals.

	Hindu Arabic	Devanagari
	1	१
	2	२
	3	३
	4	४
	5	५
	6	६
	7	७
	8	८
	9	९
	10	१०

Hindu Arabic and Devanagari Numerals

1	१
2	२
3	३
4	४
5	५
6	६
7	७
8	८
9	९
10	१०
11	११
12	१२
13	१३
14	१४
15	१५
16	१६
17	१७

18	१८
19	१९
20	२०
21	२१
22	२२
23	२३
24	२४
25	२५
26	२६
27	२७
28	२८
29	२९
30	३०
31	३१
32	३२
33	३३
34	३४

35	३५
36	३६
37	३७
38	३८
39	३९
40	४०
41	४१
42	४२
43	४३
44	४४
45	४५
46	४६
47	४७
48	४८
49	४९
50	५०

► Read and write in Devanagari numerals.

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	
32	
33	
34	

35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

Hindu Arabic and Devanagari numerals.

51	५१
52	५२
53	५३
54	५४
55	५५
56	५६
57	५७
58	५८
59	५९
60	६०
61	६१
62	६२
63	६३
64	६४
65	६५
66	६६
67	६७

68	६८
69	६९
70	७०
71	७१
72	७२
73	७३
74	७४
75	७५
76	७६
77	७७
78	७८
79	७९
80	८०
81	८१
82	८२
83	८३
84	८४

85	८५
86	८६
87	८७
88	८८
89	८९
90	९०
91	९१
92	९२
93	९३
94	९४
95	९५
96	९६
97	९७
98	९८
99	९९
100	१००

► Read and write in Devanagari numerals.

51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	

68	
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92	
93	
94	
95	
96	
97	
98	
99	
100	

 **Read.**

1	One
2	Two
3	Three
4	Four
5	Five

6	Six
7	Seven
8	Eight
9	Nine
10	Ten

 **Write the given numerals in words.**

1	One
2	
3	
4	
5	

6	
7	
8	
9	
10	

 **Read.**

11	Eleven
12	Twelve
13	Thirteen
14	Fourteen
15	Fifteen

16	Sixteen
17	Seventeen
18	Eighteen
19	Nineteen
20	Twenty

 **Write the given numerals in words.**

11	Eleven
12	
13	
14	
15	

16	
17	
18	
19	
20	

► Read and write.

1	१	एक	11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

Let's see, How much have we learnt?

▶ ○ the smallest numbers.

12	13	11
----	----	----

14	13	16
----	----	----

▶ Which numbers come before and after?

	73	
--	----	--

	85	
--	----	--

▶ Write the missing numbers.

33				37	
----	--	--	--	----	--

		52			
--	--	----	--	--	--

▶ Write the number names of given numerals and numerals of given number names.

9	
13	
	Eighteen
10	
	Fifteen

7	
	Five
	Eight
17	
	Nineteen

► Write the missing numbers.

1			4			7			10
11		13	14			17		19	
	22		24		26		28		30
31	32	33			36	37		39	10
41			44	45			48		50
	52			55	56		58	59	
61		63	64		66	67			70
	72			75		77	78	79	
81			84			87			90
91	92	92		95	96			99	100

► **Add.**

$44 + 24 = \square$

$35 + 52 = \square$

$$\begin{array}{r} 12 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 35 \\ + 30 \\ \hline \square \end{array}$$

$$\begin{array}{r} 46 \\ + 23 \\ \hline \square \end{array}$$

► **How much is left?**

$44 + 24 = \square$

$52 + 32 = \square$

$$\begin{array}{r} 12 \\ - 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 35 \\ - 30 \\ \hline \square \end{array}$$

$$\begin{array}{r} 46 \\ - 23 \\ \hline \square \end{array}$$

► **Write in Devanagari numerals.**

9		41	
15		56	
35		78	

► **Write the missing numbers.**

	20				
--	----	--	--	--	--

75			78		
----	--	--	----	--	--

► At what time do you do the following activities?
Let's discuss.

1.



2.



3.



4.



5.



6.



7.



8.



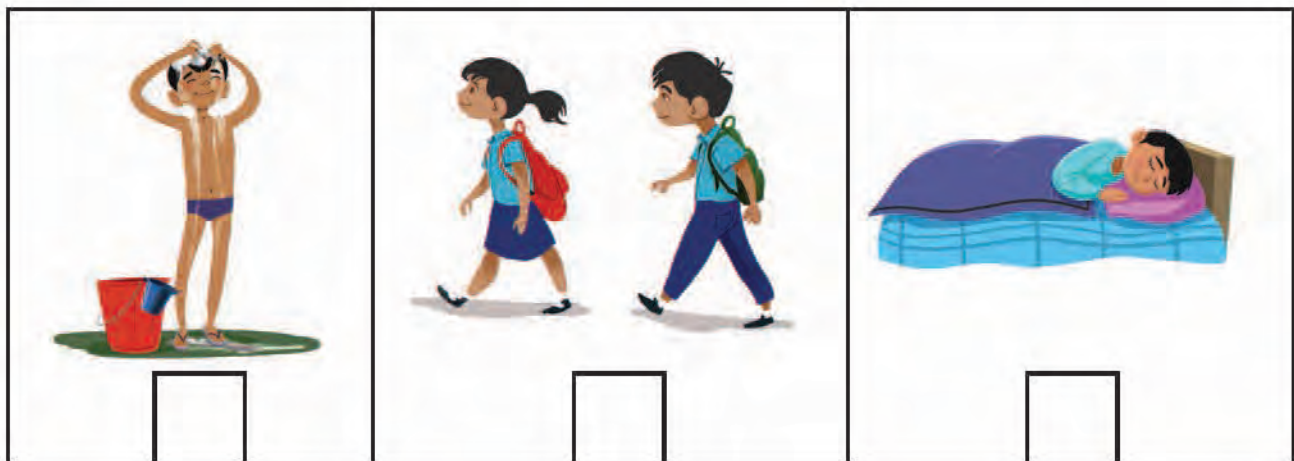
► Tick (✓) the activity that you do in the morning.



► Tick (✓) the activity that you do in the afternoon.

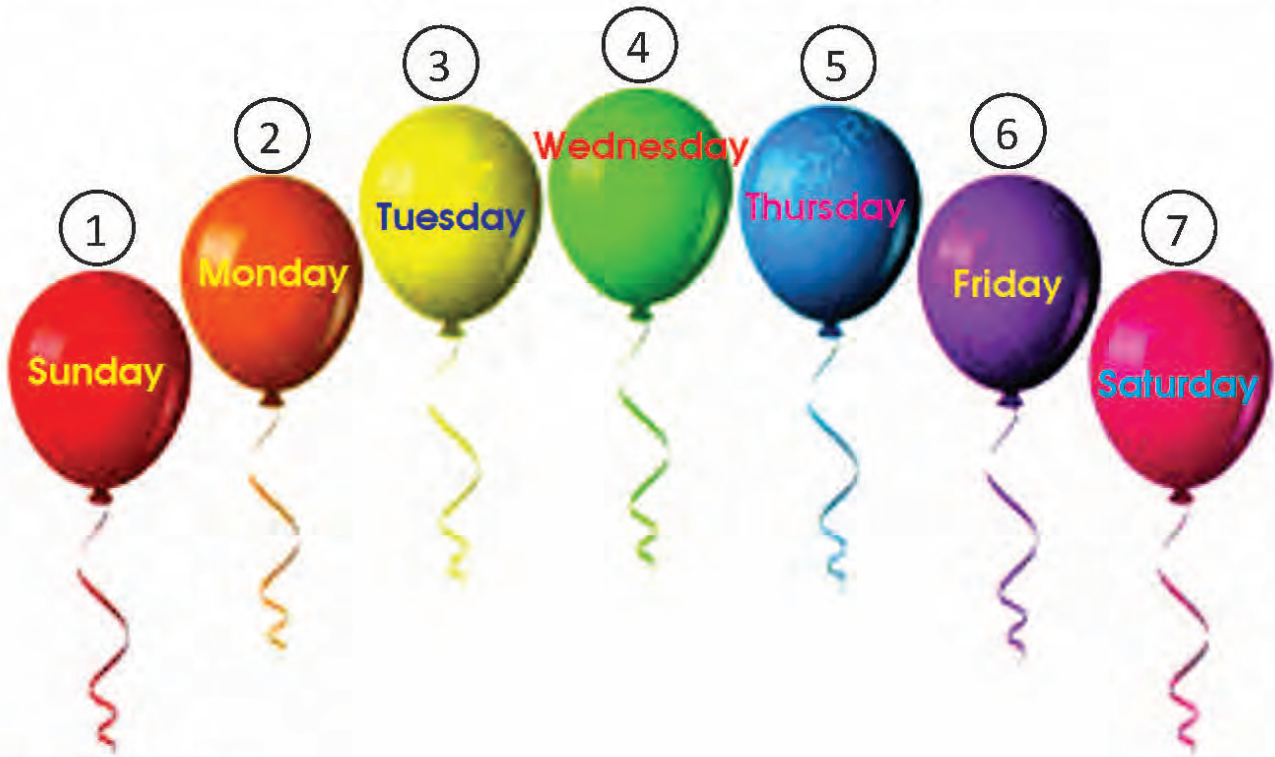


► Tick (✓) the activity that you do at night.



► **Days of the week.**

Sunday	Monday		Tuesday
Wednesday	Thursday	Friday	Saturday



► **Answer.**

1. How many days are there in a week?
2. What day is today?
3. Which day is the first day of the week?
4. Which day is the last day of the week?
5. Which day comes after Sunday?

► Days of the week.

Sunday is the first day of the week.	1	Sunday
Monday is the second day of the week.	2	Monday
Tuesday is the third day of the week.	3	Tuesday
Wednesday is the fourth day of the week.	4	Wednesday
Thursday is the fifth day of the week.	5	Thursday
Friday is the sixth day of the week.	6	Friday
Saturday is the seventh day of the week.	7	Saturday

► Complete the table.

Monday	second	Sunday	
Wednesday		Saturday	
Friday		Thursday	
Saturday			

► Write the number in the order of day.

Sunday

Thursday

Friday

Saturday

Wednesday

Tuesday

Monday

► Let's discuss.



Coins.



5 paisa



10 paisa



25 paisa



50 paisa



1 Rupee



2 Rupees



5 Rupees



10 Rupees

Match.

10 paisa

5 Rupees

25 paisa

5 paisa

10 Rupees

2 Rupees

1 Rupee



Notes.



Front side of a Five rupee (Rs. 5) note



Back side of a Five rupee (Rs. 5) note



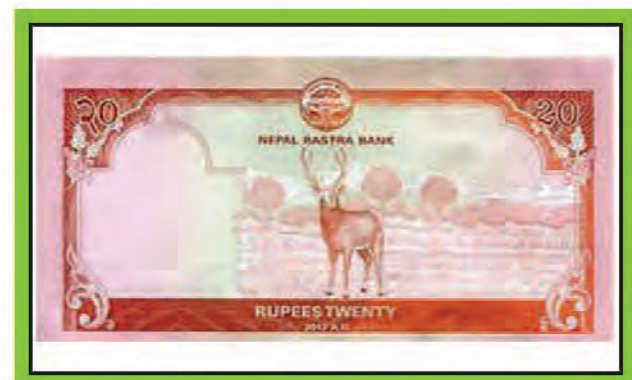
Front side of a Ten rupee (Rs. 10) note



Back side of a Ten rupee (Rs. 10) note



Front side of a Twenty rupee (Rs. 20) note



Back side of a Twenty rupee (Rs. 20) note

Notes.



Front side of a Fifty rupee (Rs. 50) note



Back side of a Fifty rupee (Rs. 50) note



Front side of a Hundred rupee (Rs. 100) note



Back side of a Hundred rupee (Rs. 100) note

► Match.



Rs. 50



Rs. 10



Rs. 100



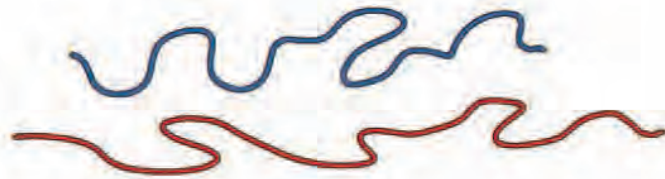
Rs. 5



Rs. 20

► Measurement.

There are two wires in the picture. One wire is red colour and on other is blue. Which wire is long?



Let's stretch both the wires straight.



Don't know yet, which one is longer?



Let's keep both the wires together as shown in the picture.



Now, we know. The red wire is longer than the blue wire.



Comparison of the length of different objects using a rope.

Let's discuss the length of different objects taken with a rope by tracing on the black/whiteboard.



Height of the water bottle :



Length of fathom :



Length of the key :



► Measure the surface length of the objects in the classroom and write.

What is the length of the board? Let's think.



How many span?

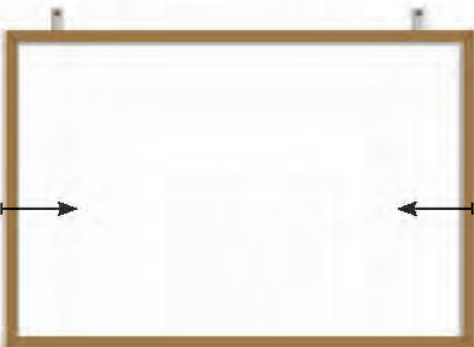
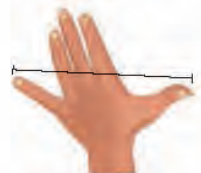
How many cubit?



..... cubit



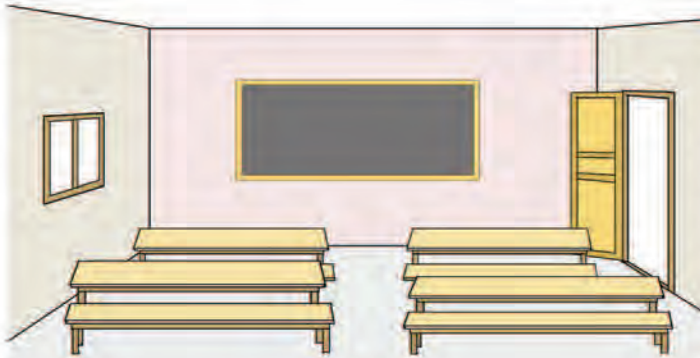
..... span



..... fathom



► Let's measure the following objects and write.



Length of the wall of the classroom.

..... feet



Breadth of door:

..... feet



Length of bench:

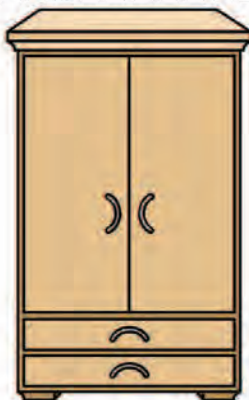
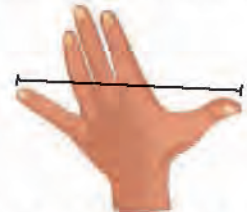
..... cubit



..... cubit



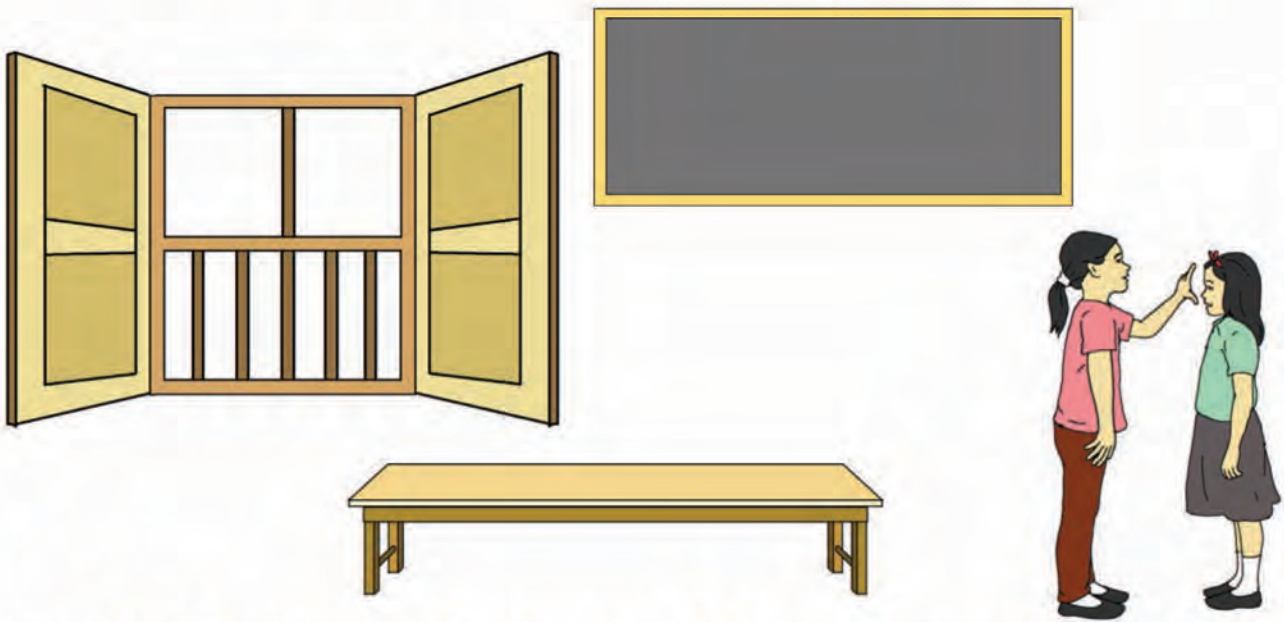
..... span



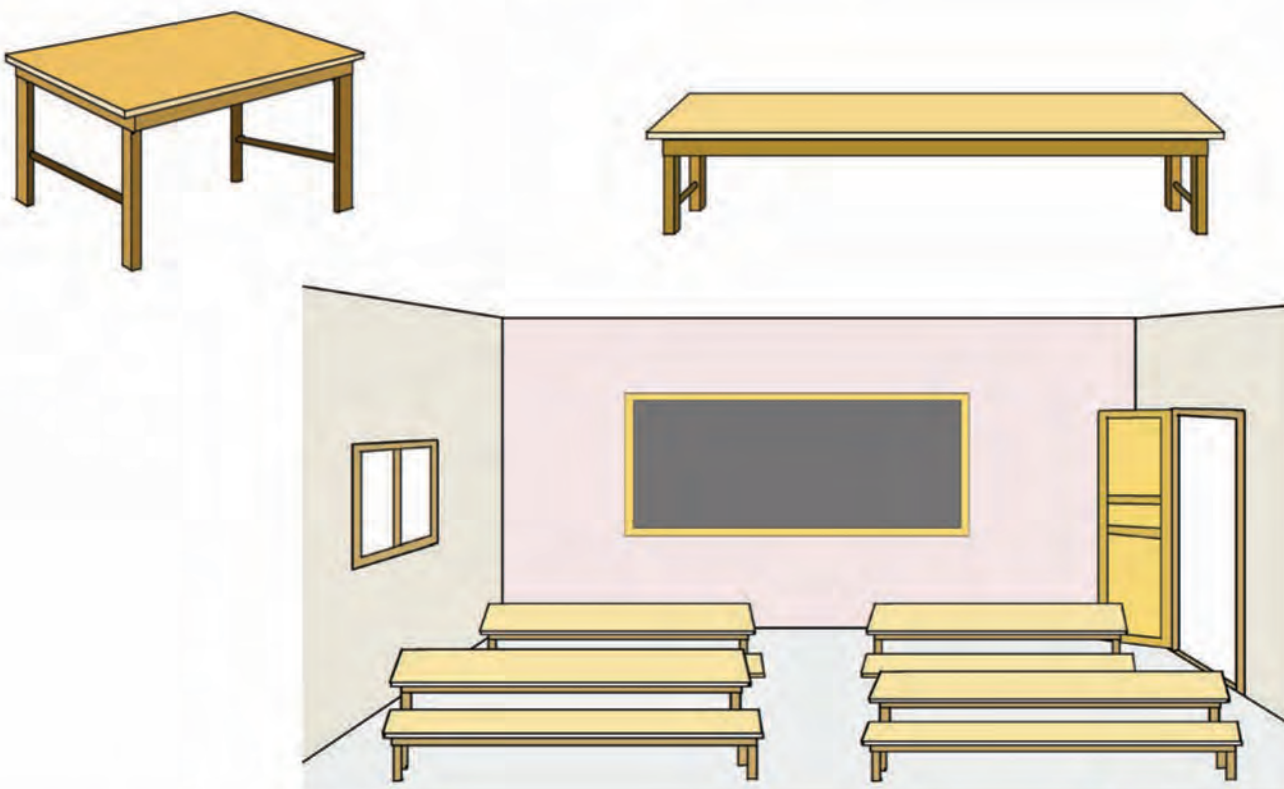
..... fathom



- ▶ Find longer and shorter objects by measuring the length of the objects using the span.



- ▶ Find longer and shorter objects by measuring the length of the objects using cubit.

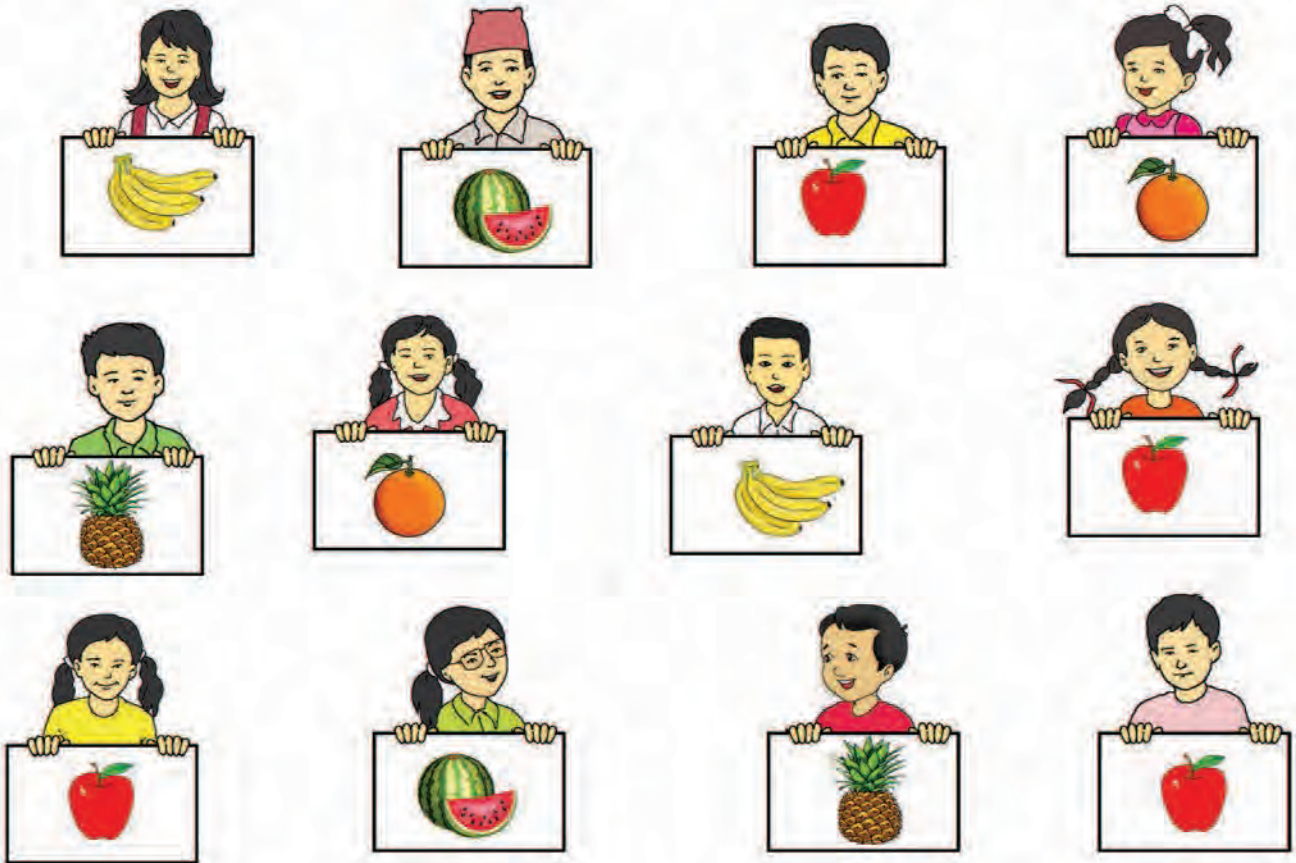


Study the picture and answer the following questions.



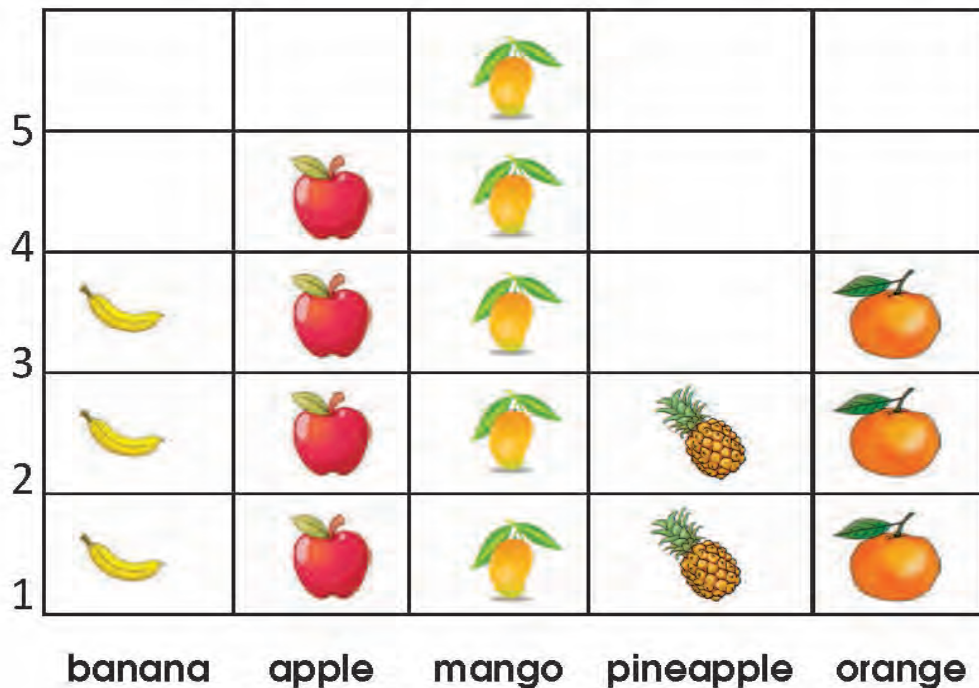
1. How many rabbits are there?
2. How many chickens are there?
3. How many birds are there?
4. How many cats are there?

► Sita asked her friends "to tell the names of their favourite fruits". These are the fruits they like.



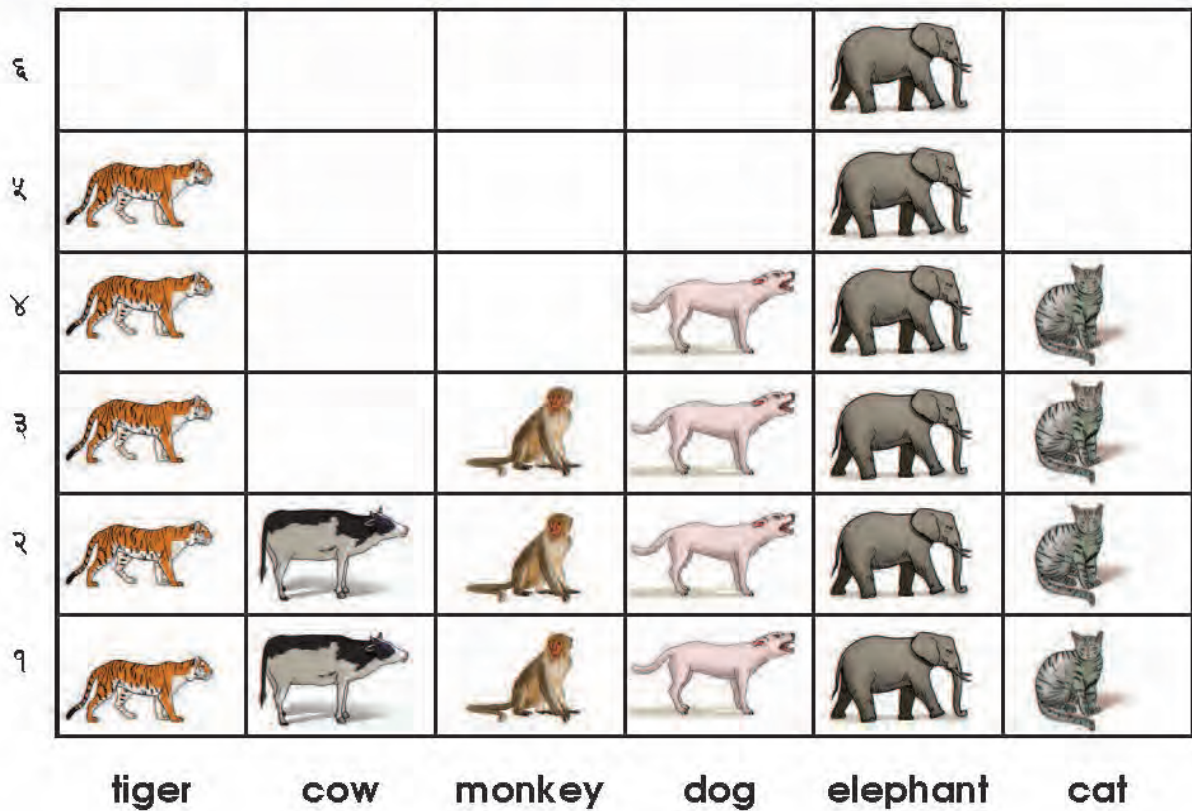
1. What is the number of the students who like pineapple?
2. What is the number of the students who like banana?
3. Which fruit is liked by many students?
5. What is the number of total students in the class?

► Look at the pictograph and answer the questions.



1. What is the number of pineapples?
2. What is the number of bananas?
3. Which fruit is the greatest number?
4. How many types of fruits are there?
5. Which one is more, banana or orange?
6. Which one is less, orange or apple?

► Look at the pictograph and answer the questions.



- What is the number of tigers?
- In the pictograph, which animal is the greatest in number?
- Which one is more, monkey or banana?
- Which two animals are equal in number?
- What is the total number of animals?
- Which animal is the least in number?
- Write the names of animals in ascending order on the basis of number.

Let's see. How much have I learnt?

Tick (✓) the activity that you do in the morning.



Match.



Rs. 5



Rs. 50



Rs. 100



Rs. 10

► **Write the names of seven days of the week in order.**

1.

2.

3.

4.

5.

6.

7.

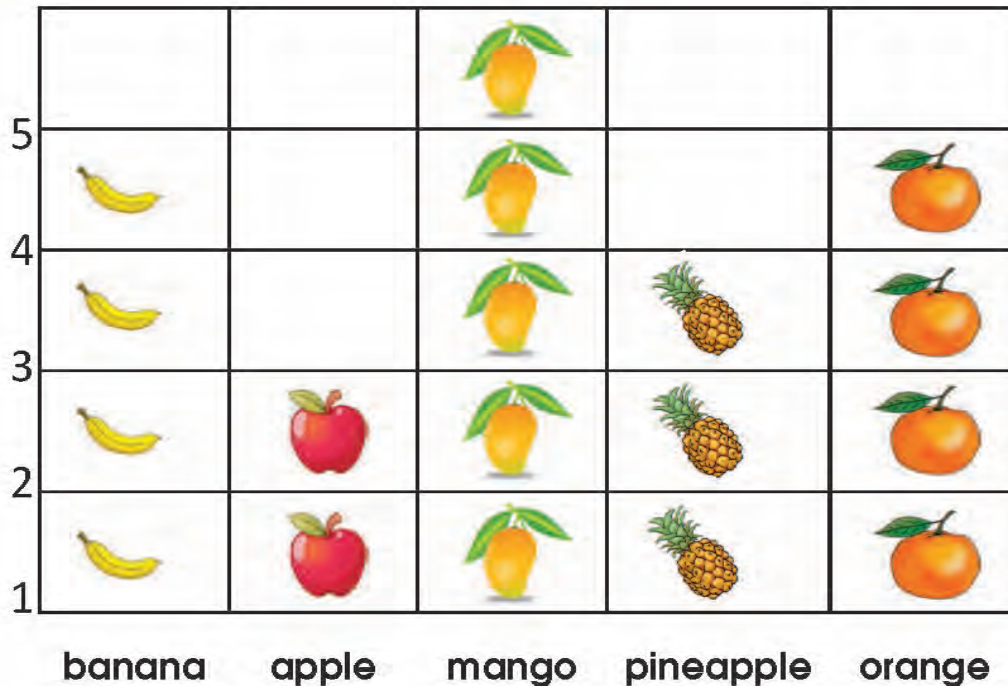
► **Measure the length of your mathematics textbook and exercise book by Angul and write.**

Length of textbook :

Length of exercise book :

..... longer.

► Look at the pictograph. Answer the following questions.



1. What is the number of pineapples?
2. What is the number of bananas?
3. Which fruit is the greatest in number?
4. How many types of fruits are there?
5. Which one is more, banana or orange?
6. Which one is less, orange or apple?