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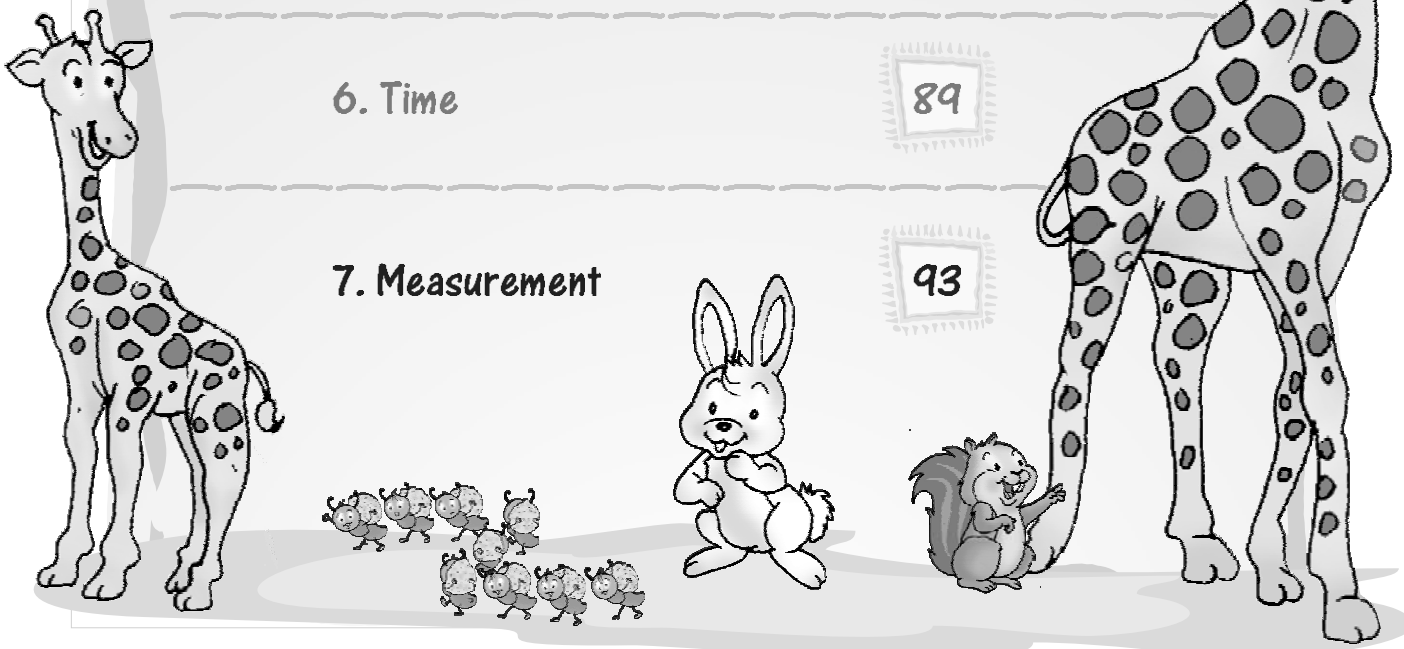

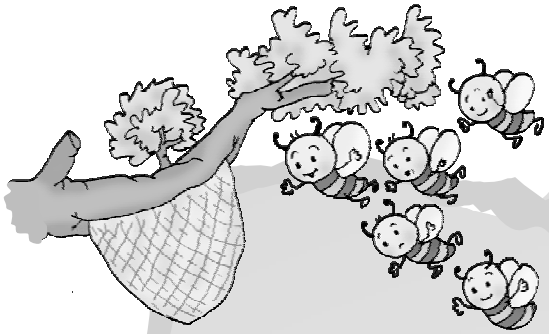

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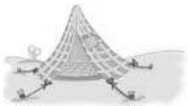
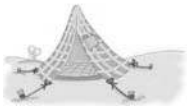
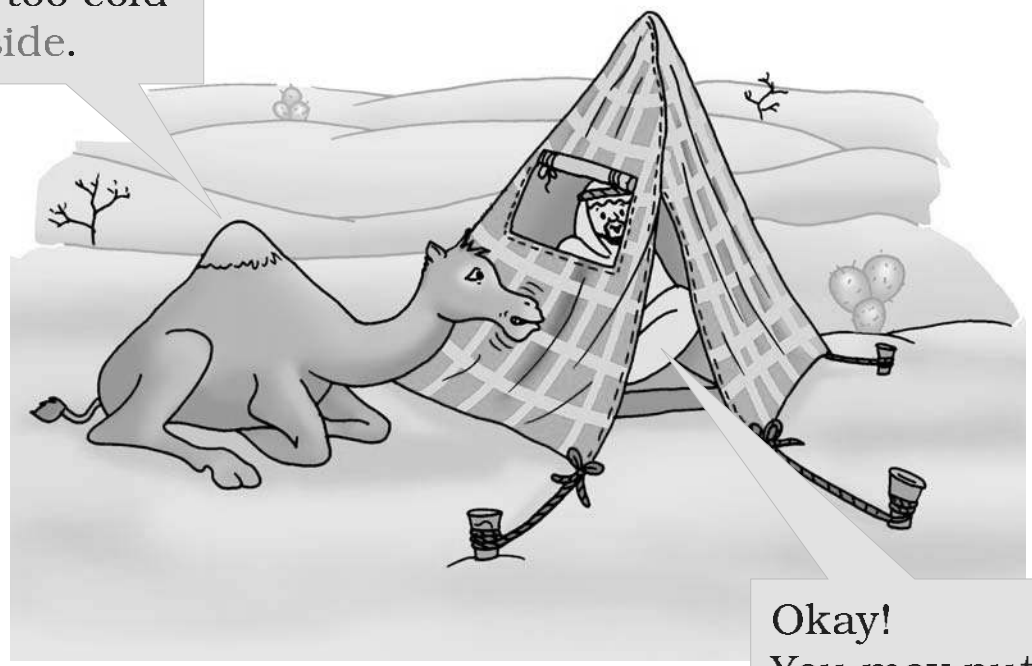
1 Shapes and Space

Inside - Outside

The Arab and his Camel.

It was a cold winter day. The was travelling on the back. At night, the pitched his tent  and went inside it.  The was outside.

May I put my neck inside? It is too cold outside.



Okay! You may put your neck inside.

May I put my front legs inside? It is too cold outside.

Okay! You may put your front legs inside.

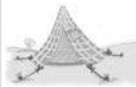
Can I come inside? It is too cold outside.

Oh! No the tent is too small for both of us.

So I am coming inside and you go outside.

Camel

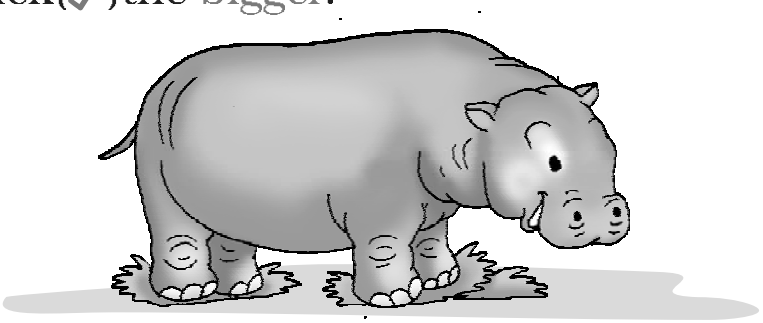
Arab



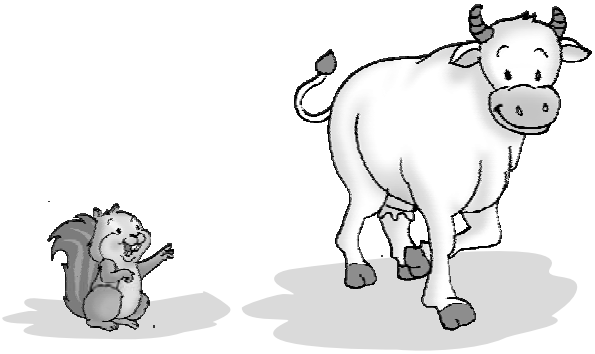
Tent

Bigger - Smaller

Tick(✓)the bigger.



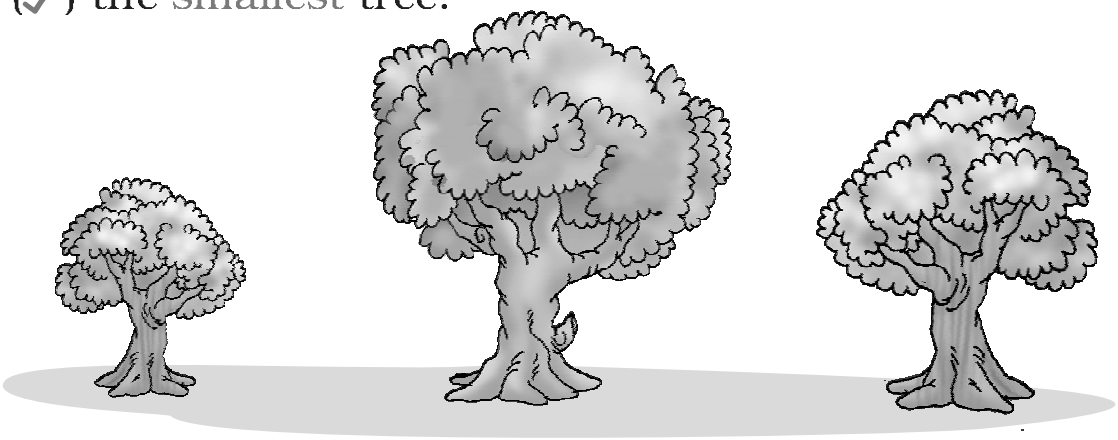
Tick(✓) the smaller.



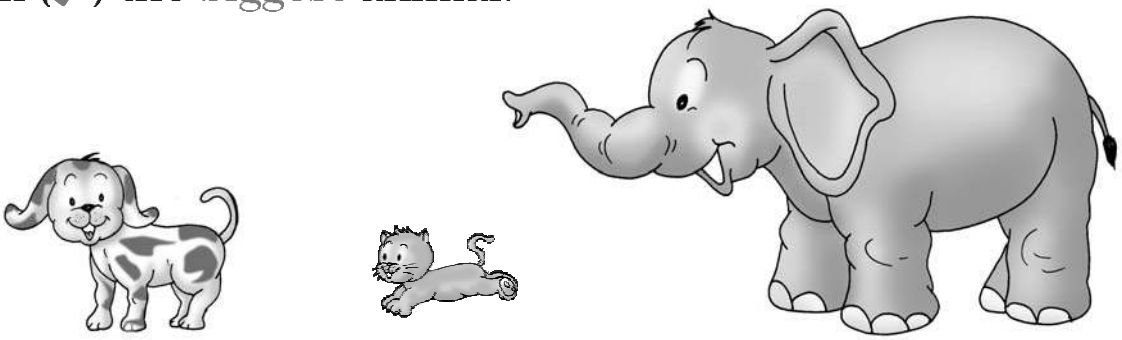
Tick(✓) the smaller tyre.

Biggest-Smallest

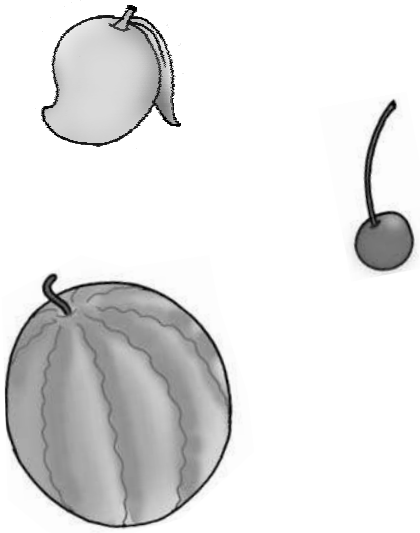
Tick (✓) the smallest tree.



Tick (✓) the biggest animal.

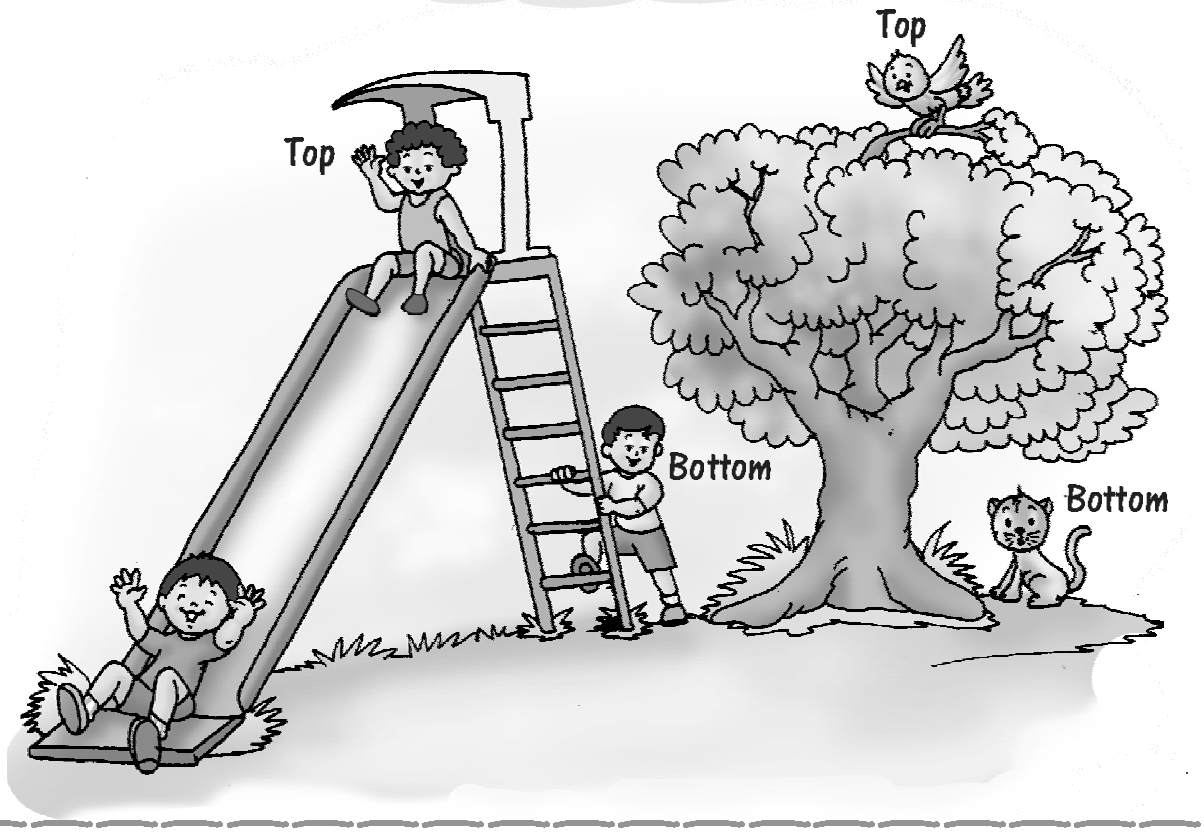


Tick(✓) the smallest fruit.



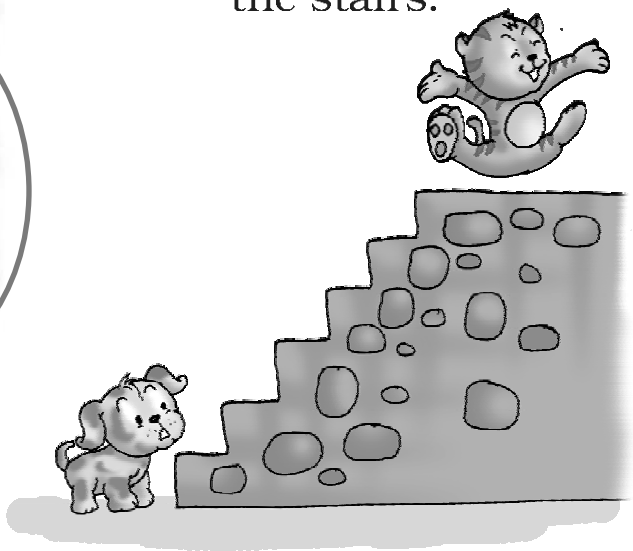
Tick(✓) the biggest bubble.

Top-Bottom



Tick(✓) the pot on the top.

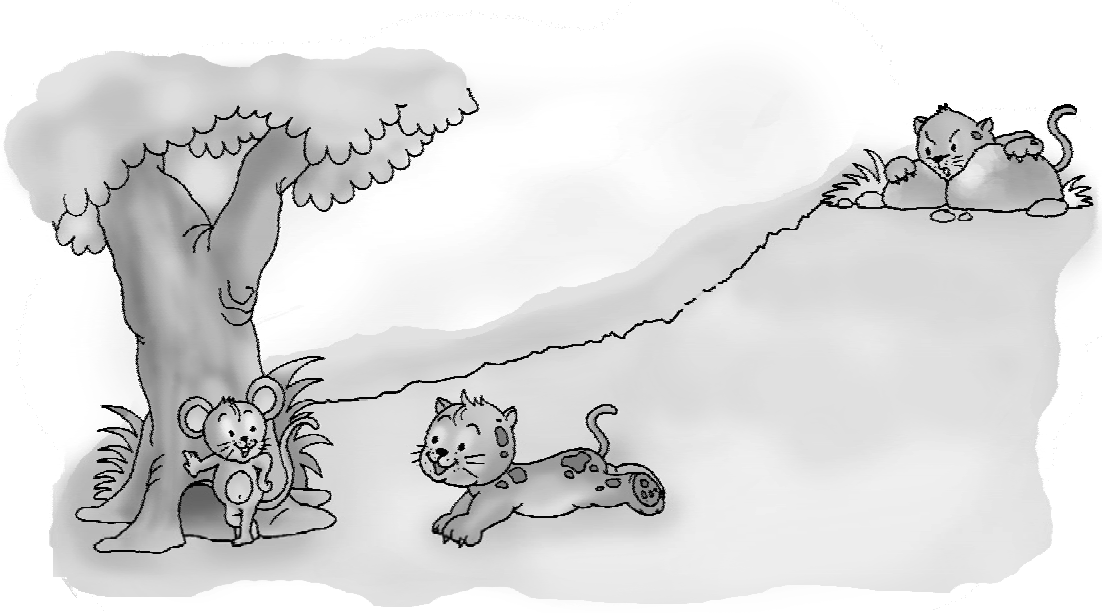
Tick(✓) the animal at the bottom of the stairs.



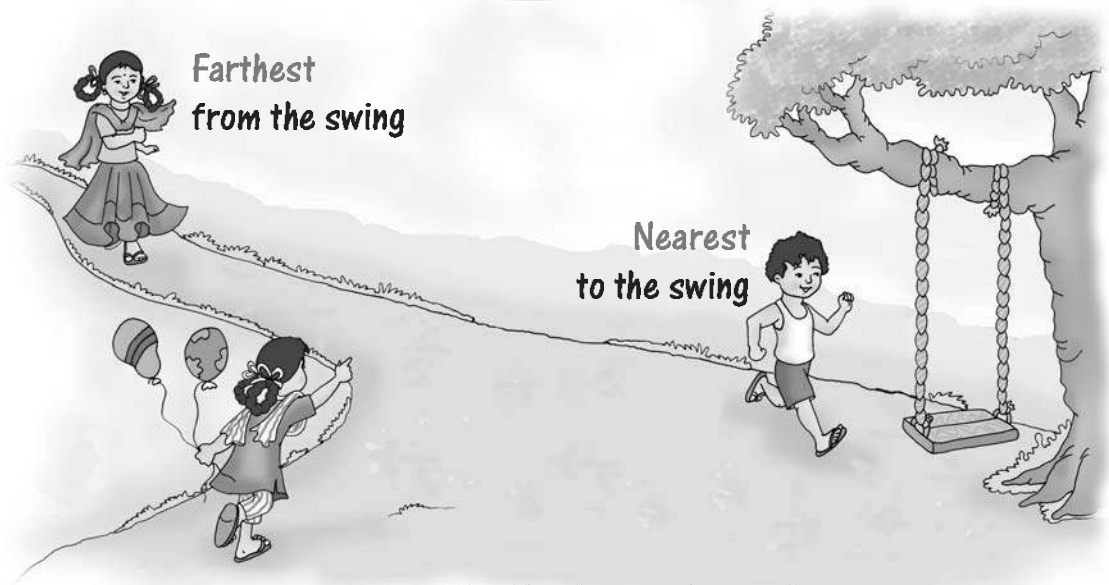
Nearer-Farther

Tick(✓) the bird nearer to home.

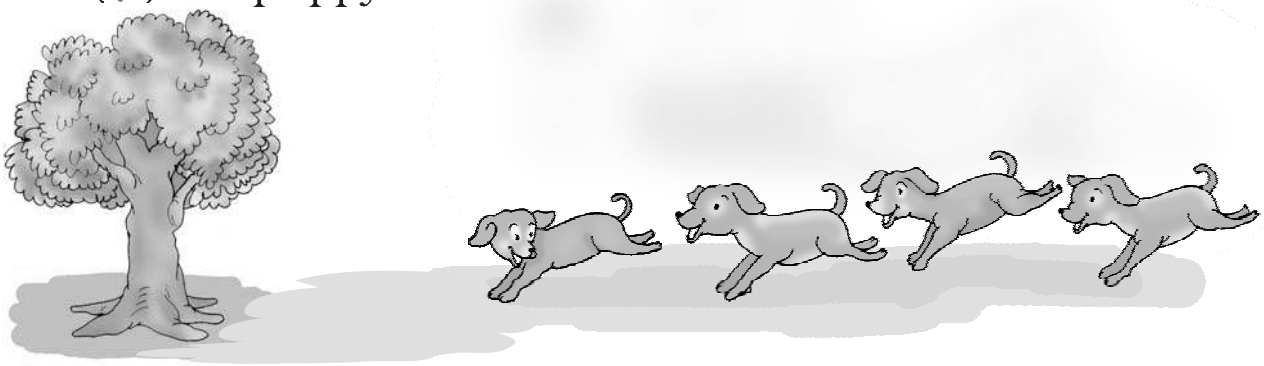
Tick(✓) the cat farther from the tree.



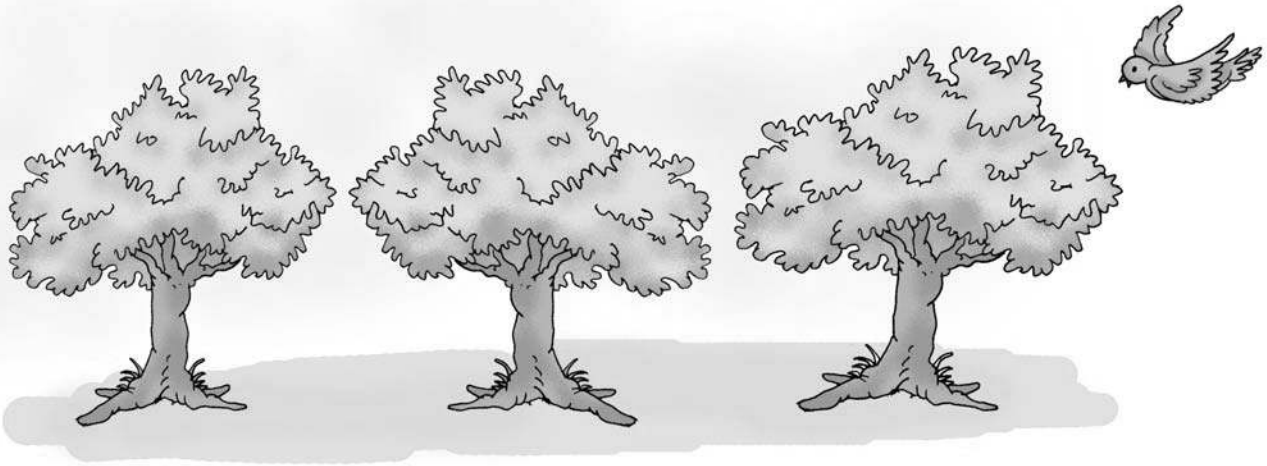
Nearest-Farthest



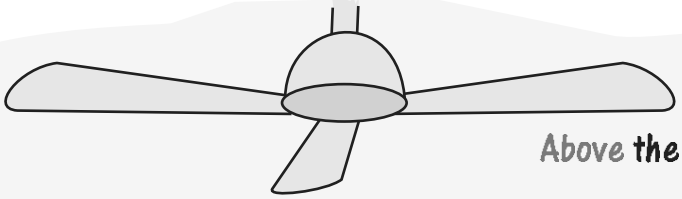
Tick(✓) the puppy farthest from the tree.



Tick(✓) the tree nearest to the bird.



On-Under
Above-Below

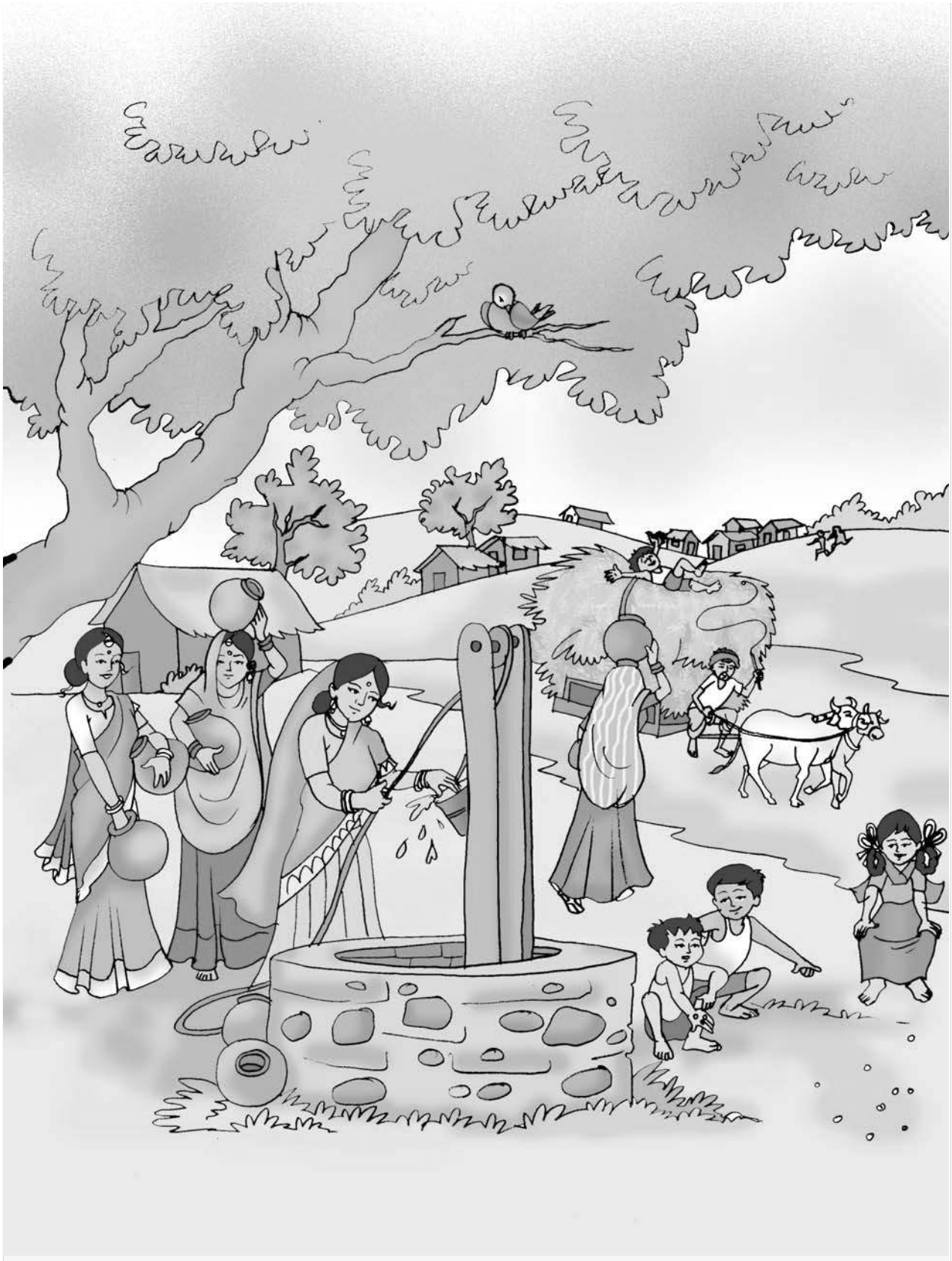


Above the table

On the table

Below the fan

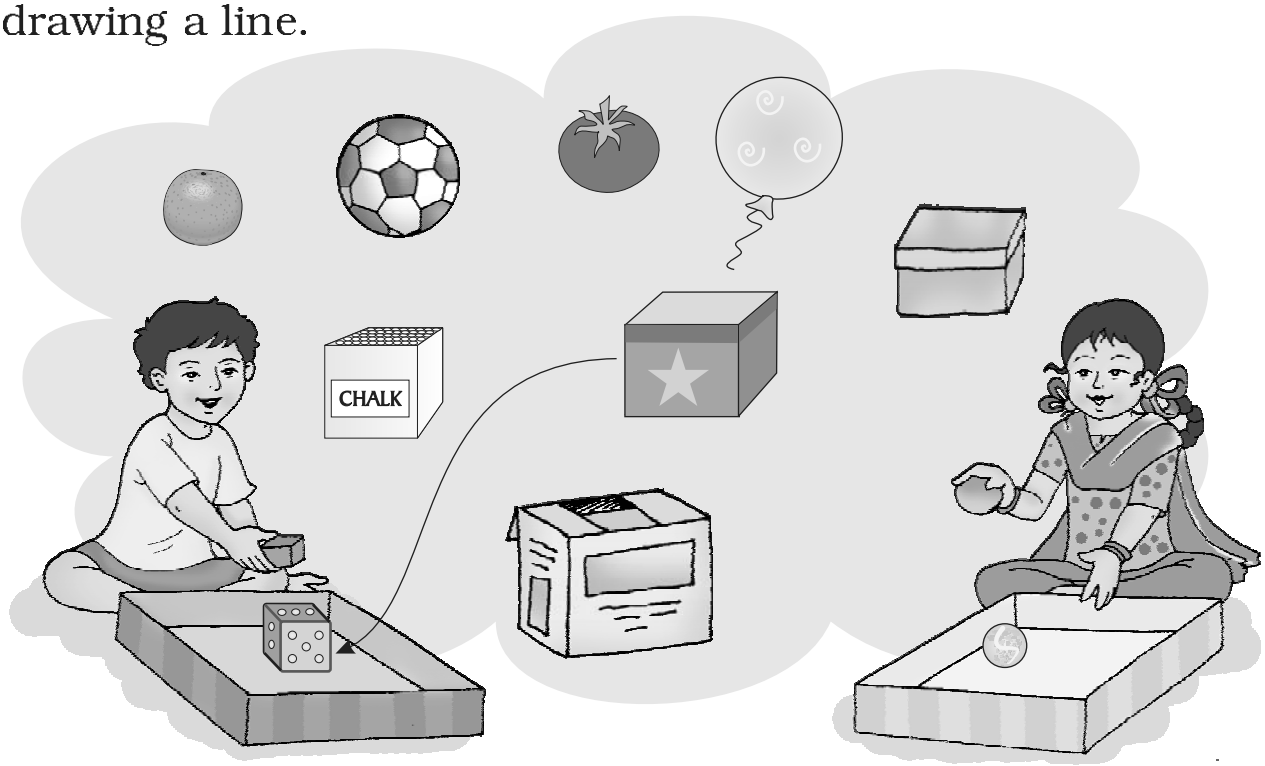
Under the table



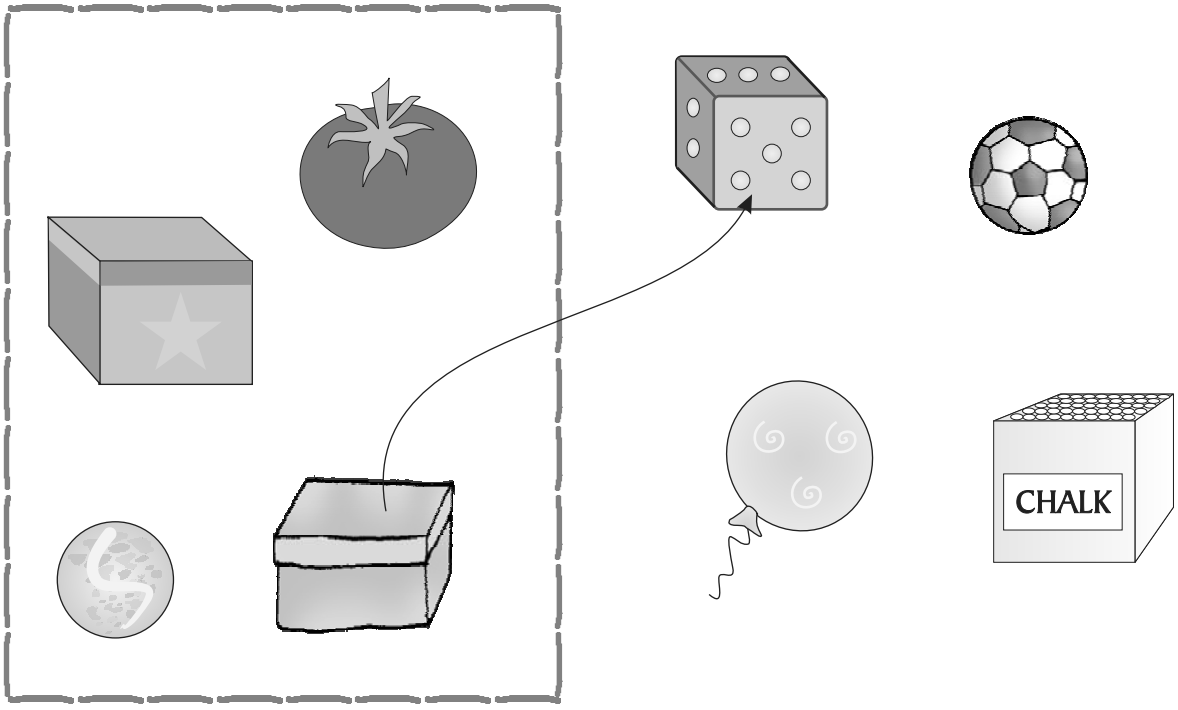
Discuss near-far, top-bottom.

Shapes around us

Put the shapes in the pink and yellow boxes by drawing a line.

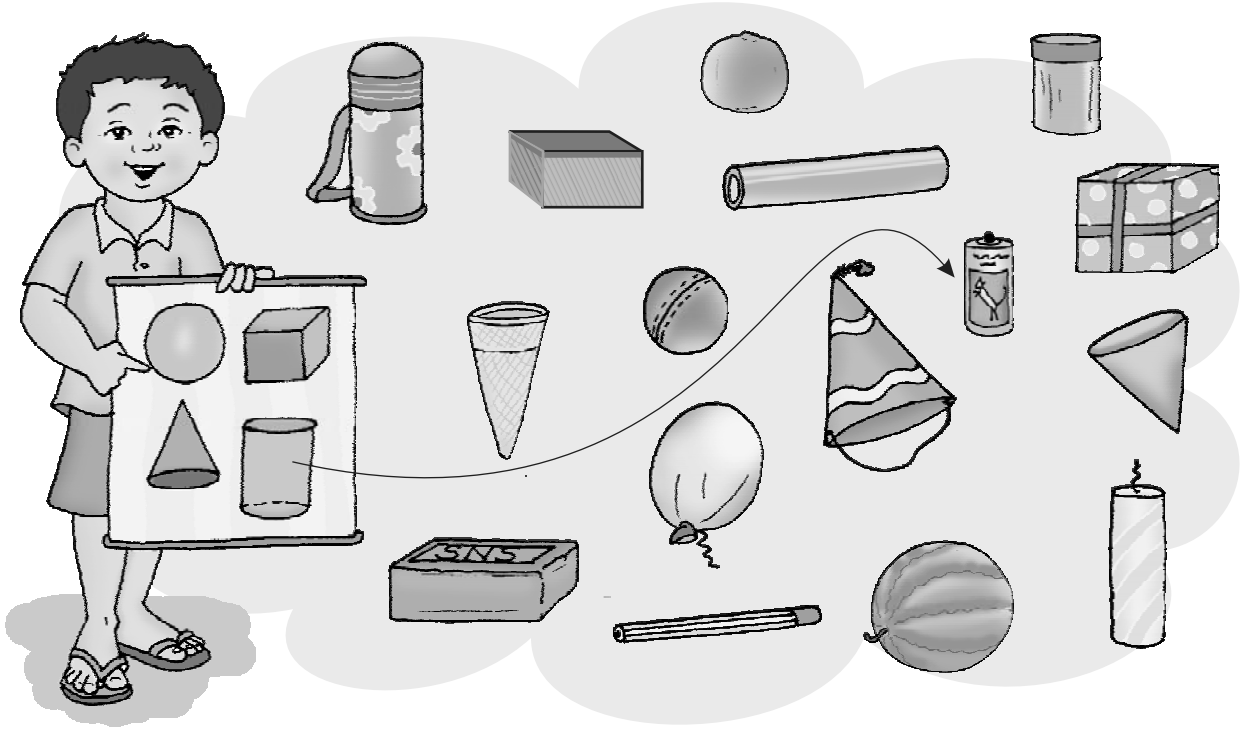


Match the similar shapes by drawing a line.

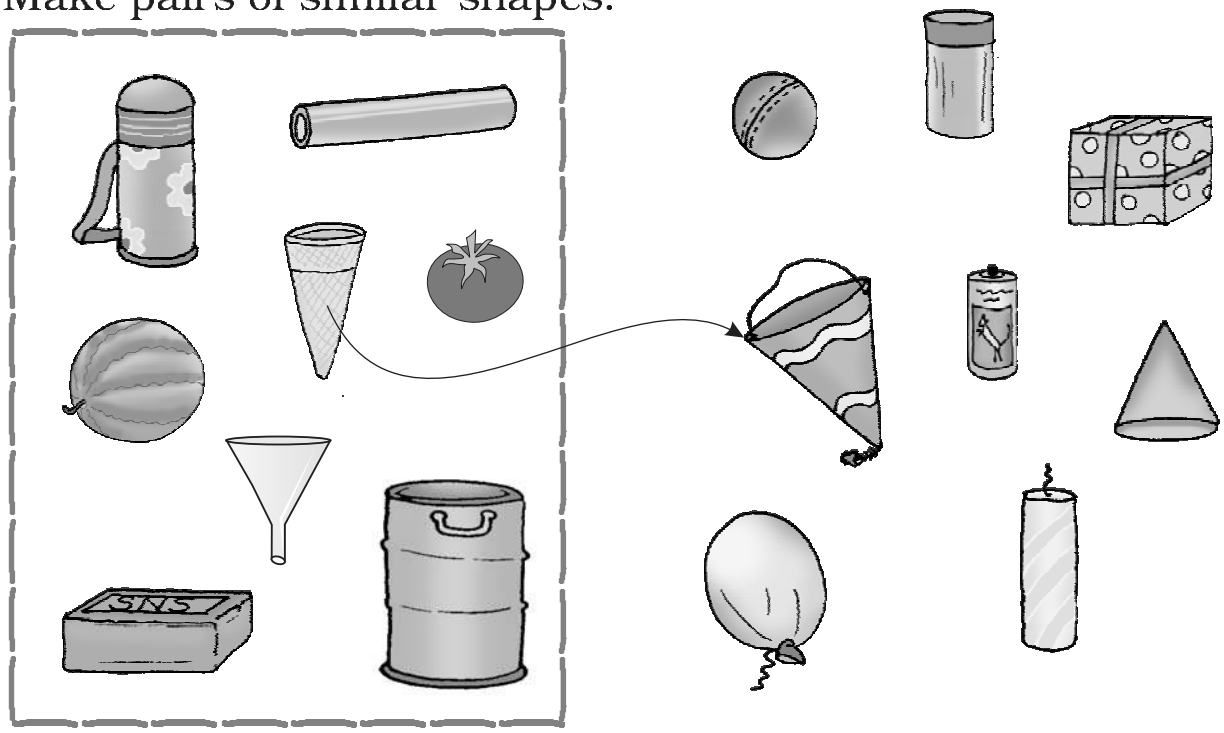


Sorting

Sort shapes by joining with similar shapes.

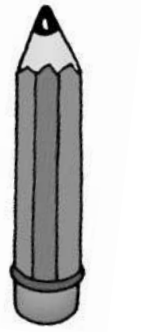


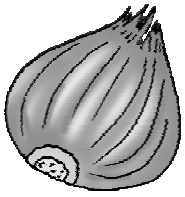
Make pairs of similar shapes.



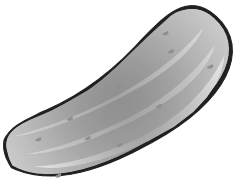
Rolling - Sliding

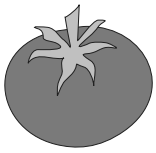
Tick(✓) the objects that will roll.

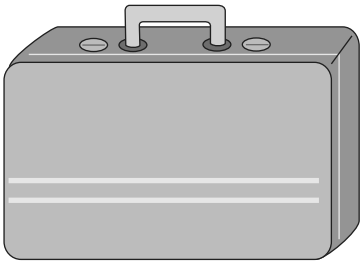




Tick(✓) the objects that will slide.

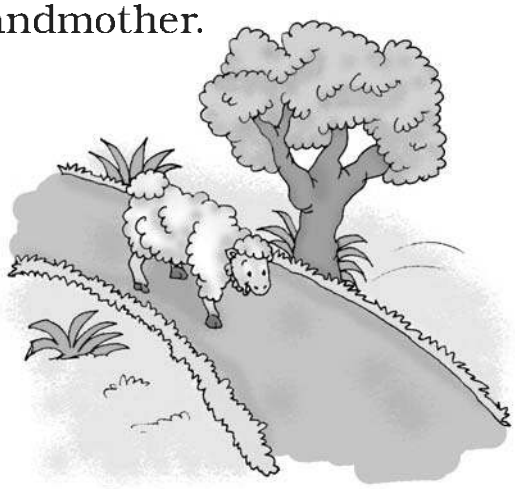






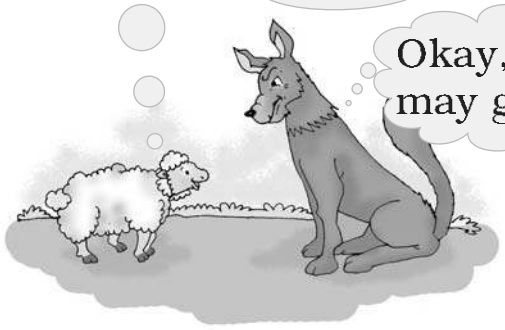
Wise Grandmother

Once there was a Lamb going to see his grandmother.

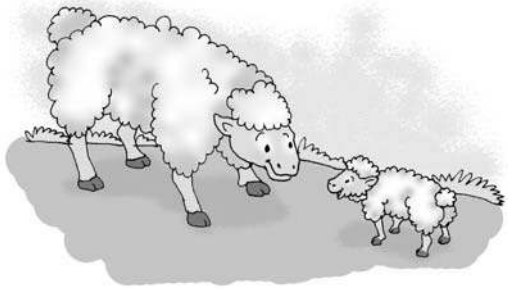


On the way, through the jungle he met a wolf.

Please let me go! I am going to meet my grandmother. You can eat me when I return.

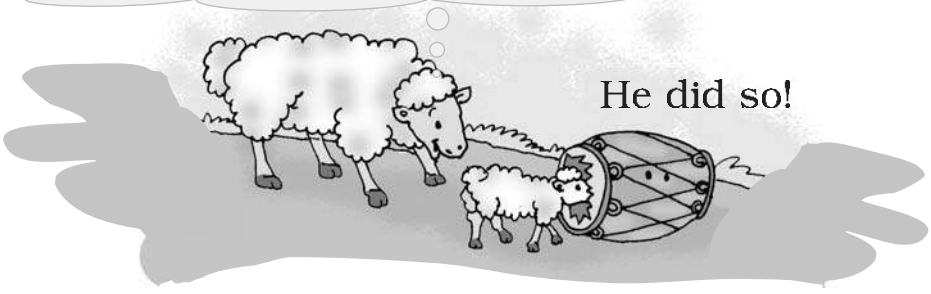


When he was about to return, he told the grandmother about the wolf.

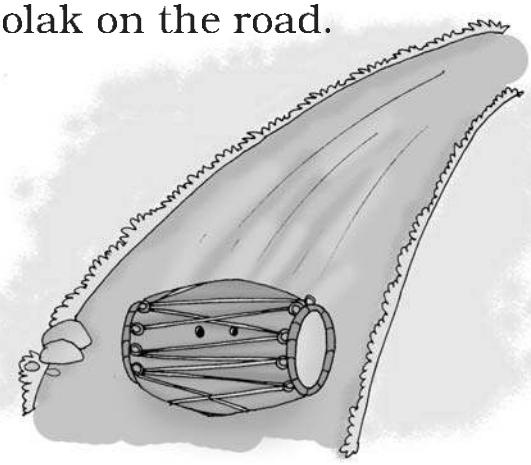


The grandmother gave him an idea.

Go, and hide yourself in a dholak.



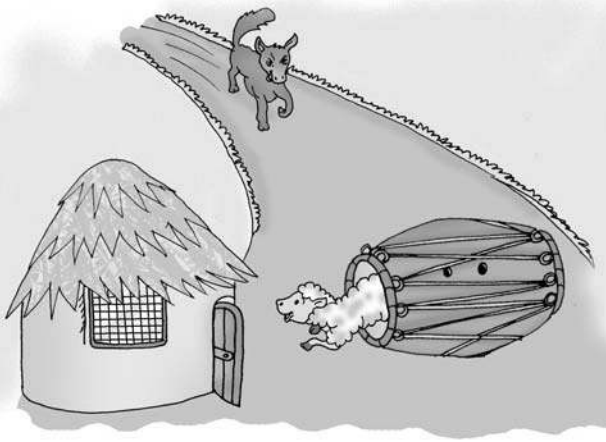
The grandmother rolled the dholak on the road.



The dholak started rolling down.

The lamb saw the wolf waiting for him.

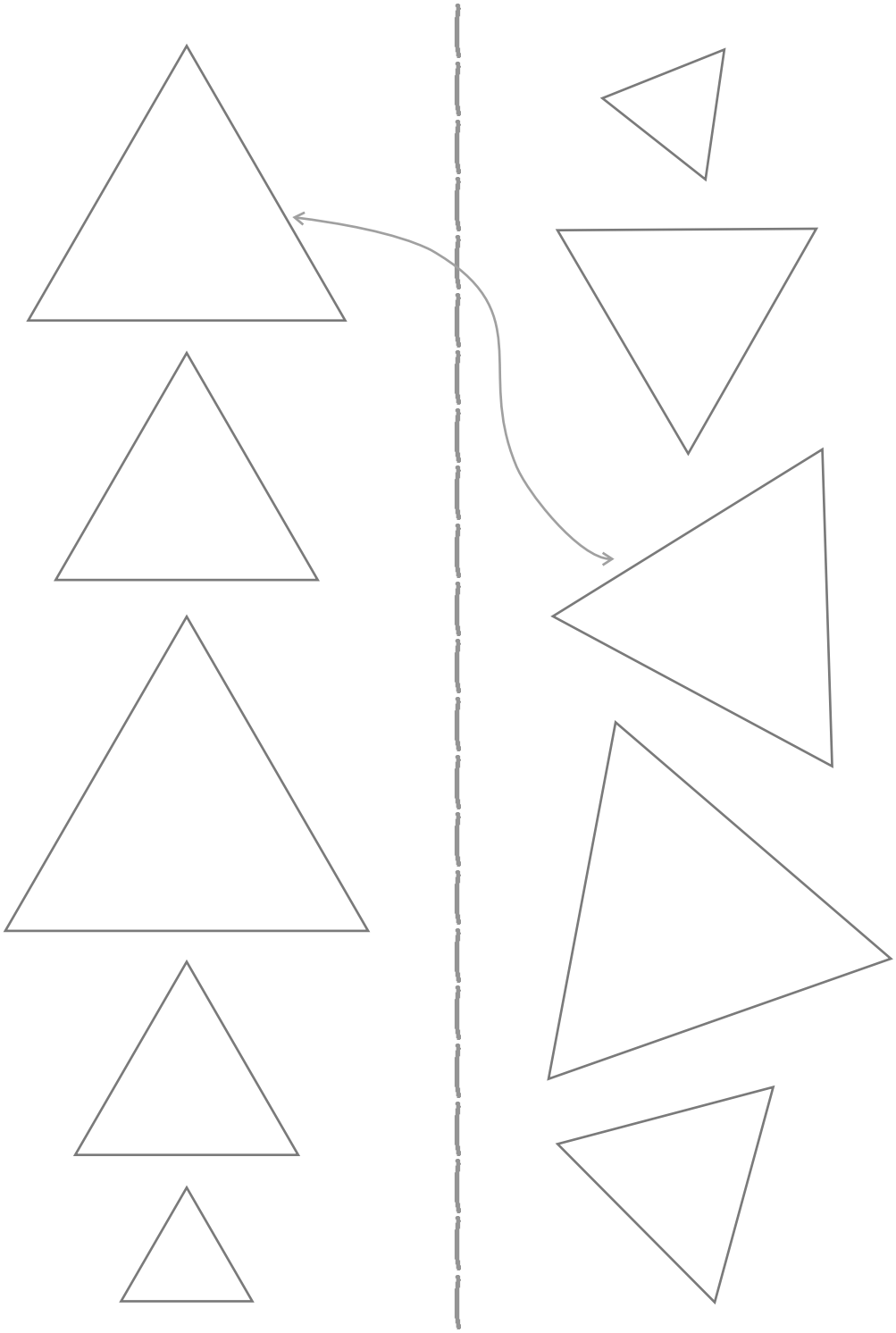
The wolf grew suspicious and started running behind the dholak.



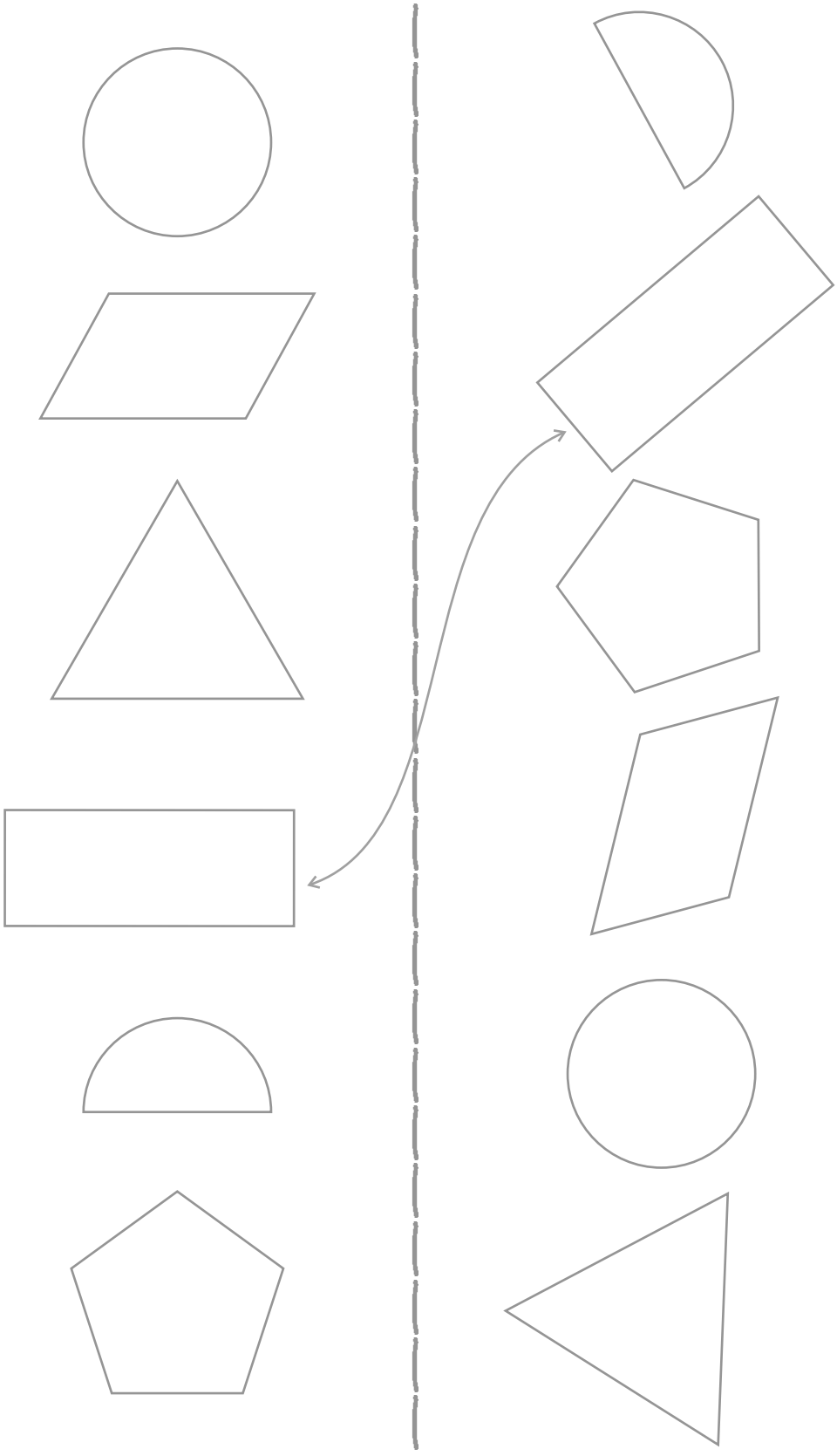
Before the wolf could catch him, the lamb reached home and was thankful to his grandmother.

Shapes

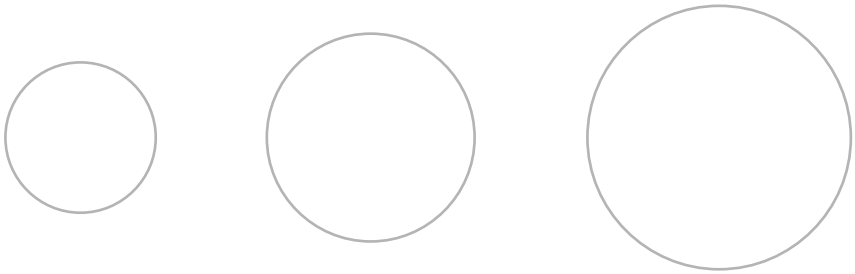
Match the shapes of same sizes.

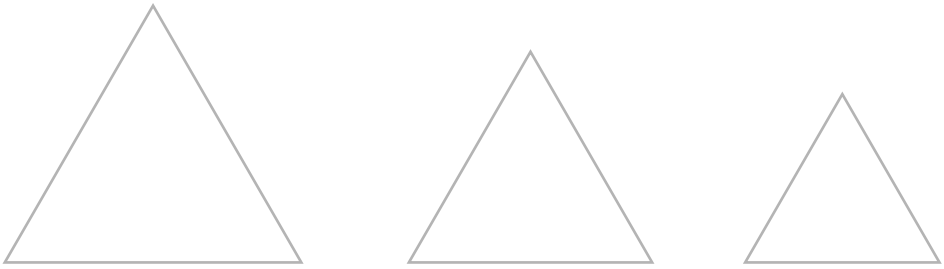


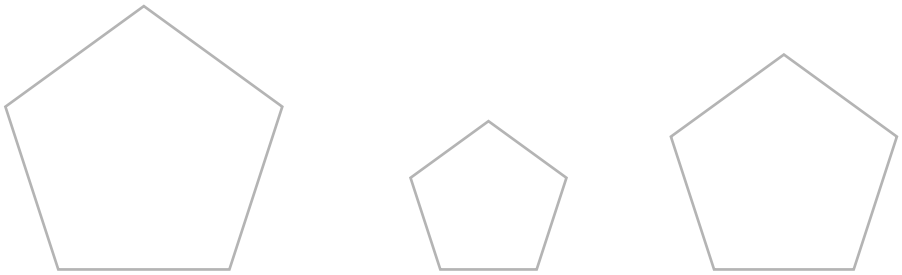
Match the same shapes.



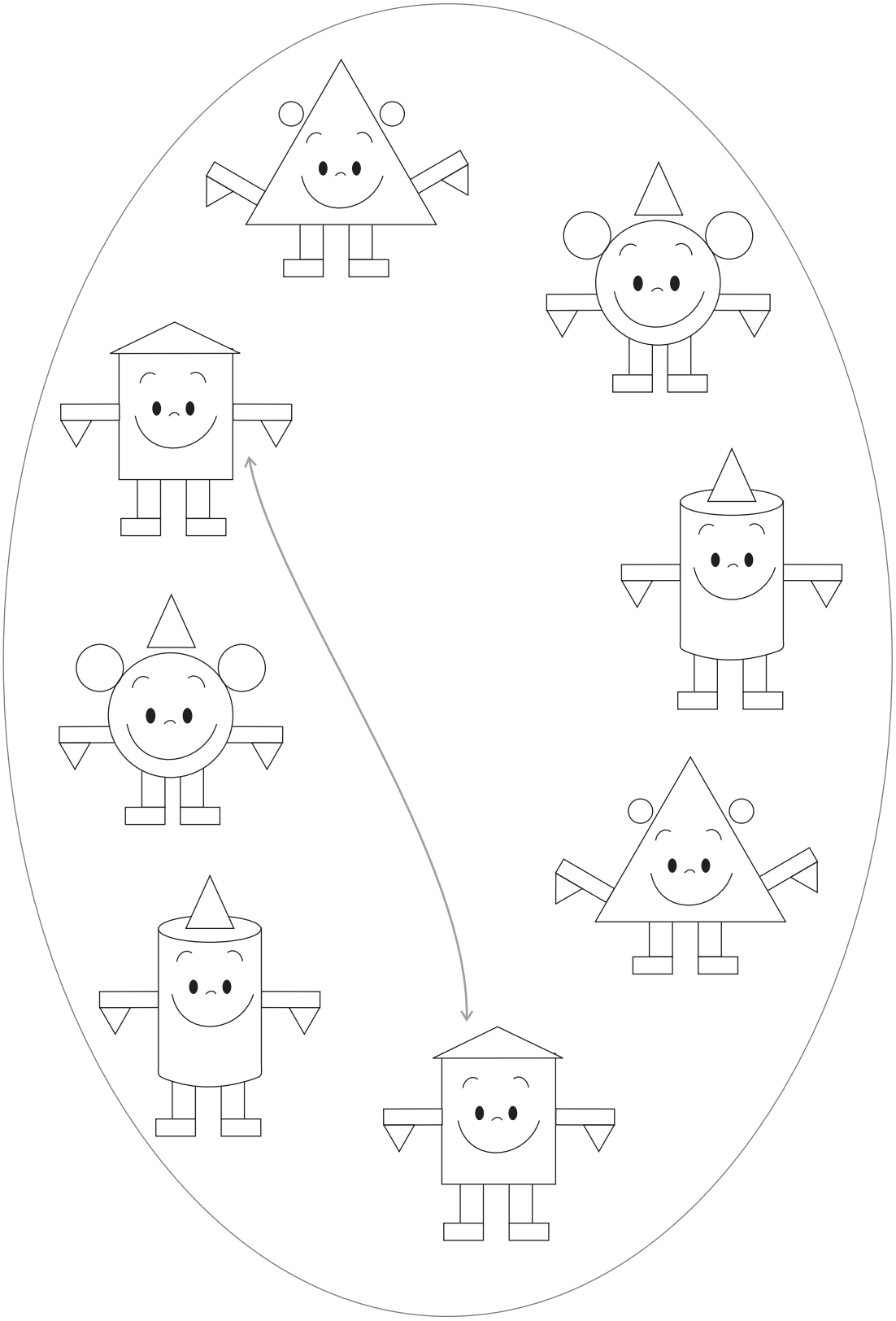
Colour the smallest shape.



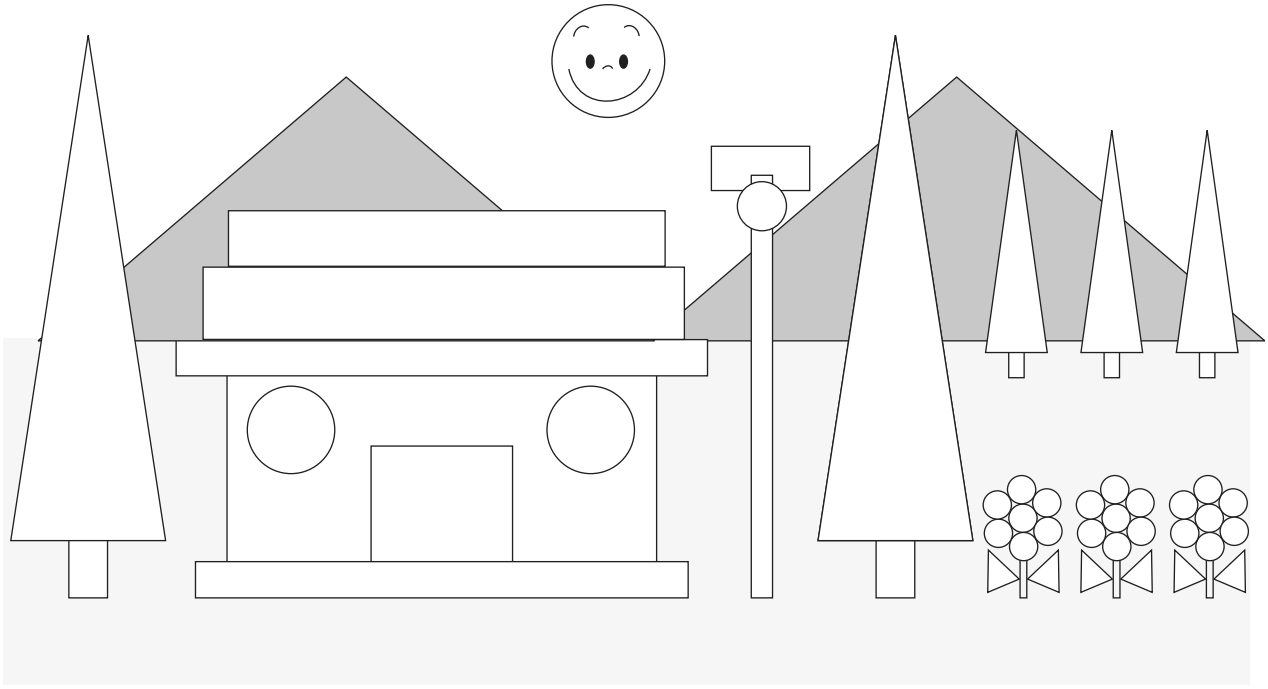




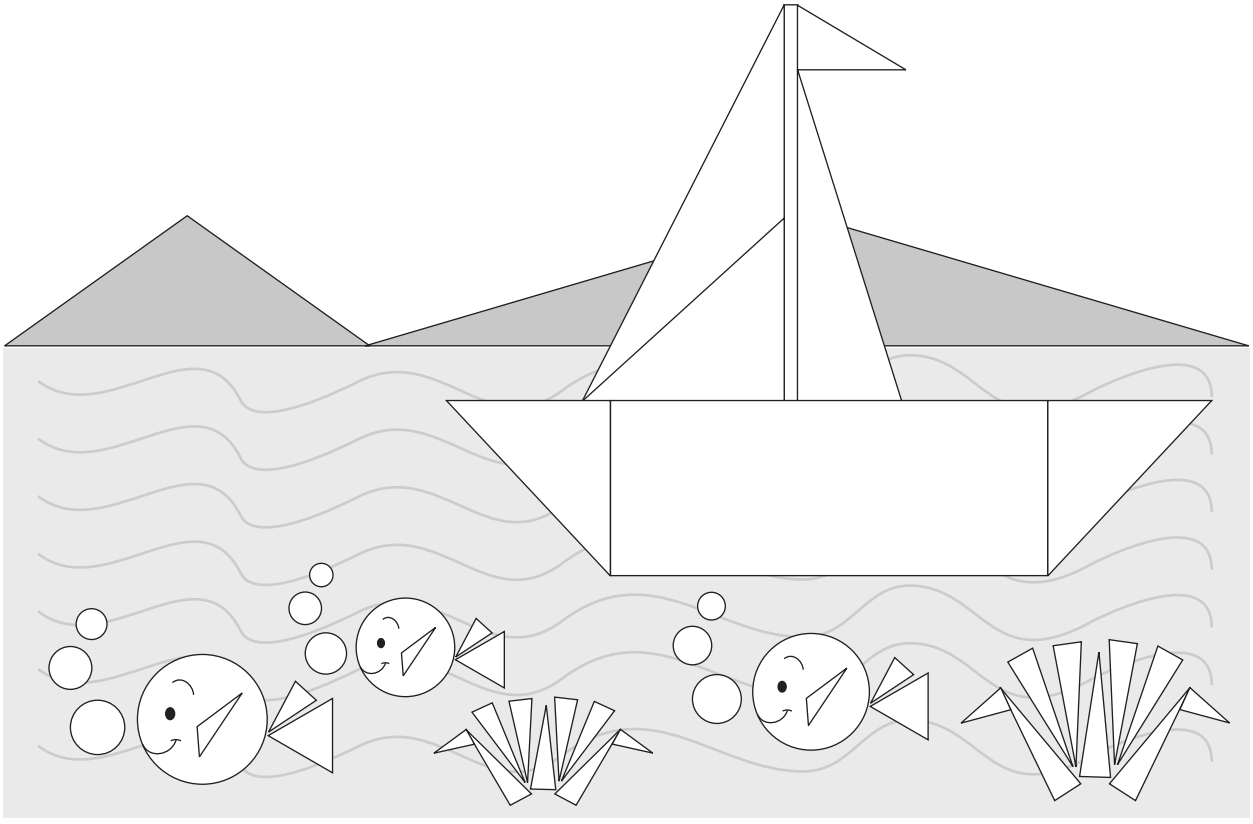
Join the similar shapes.



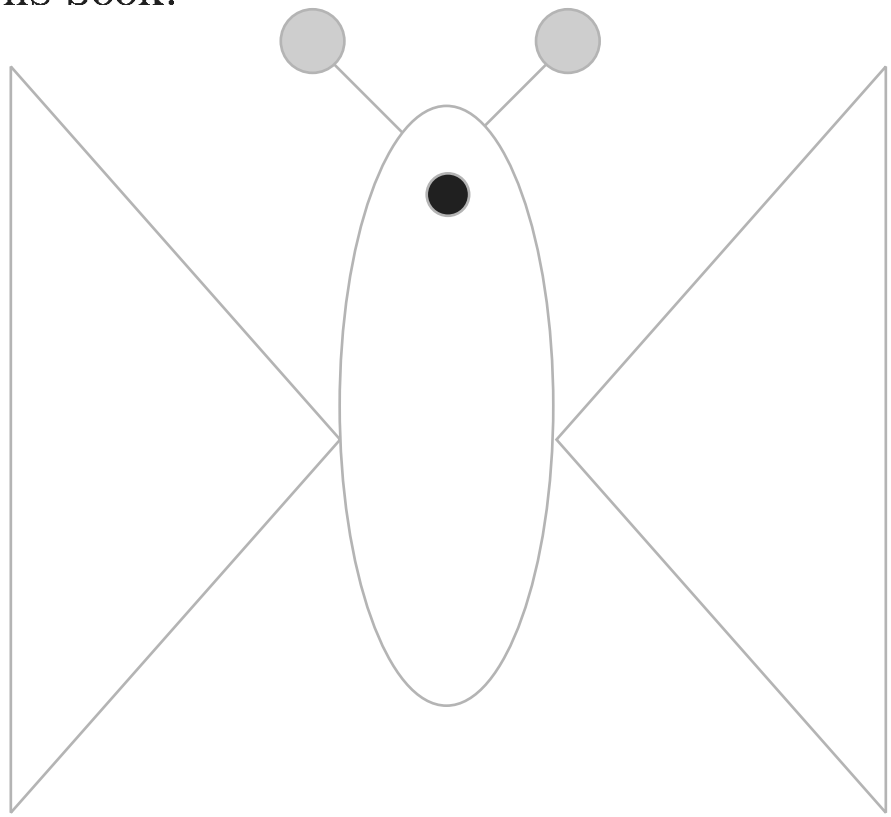
Colour green, red and blue.

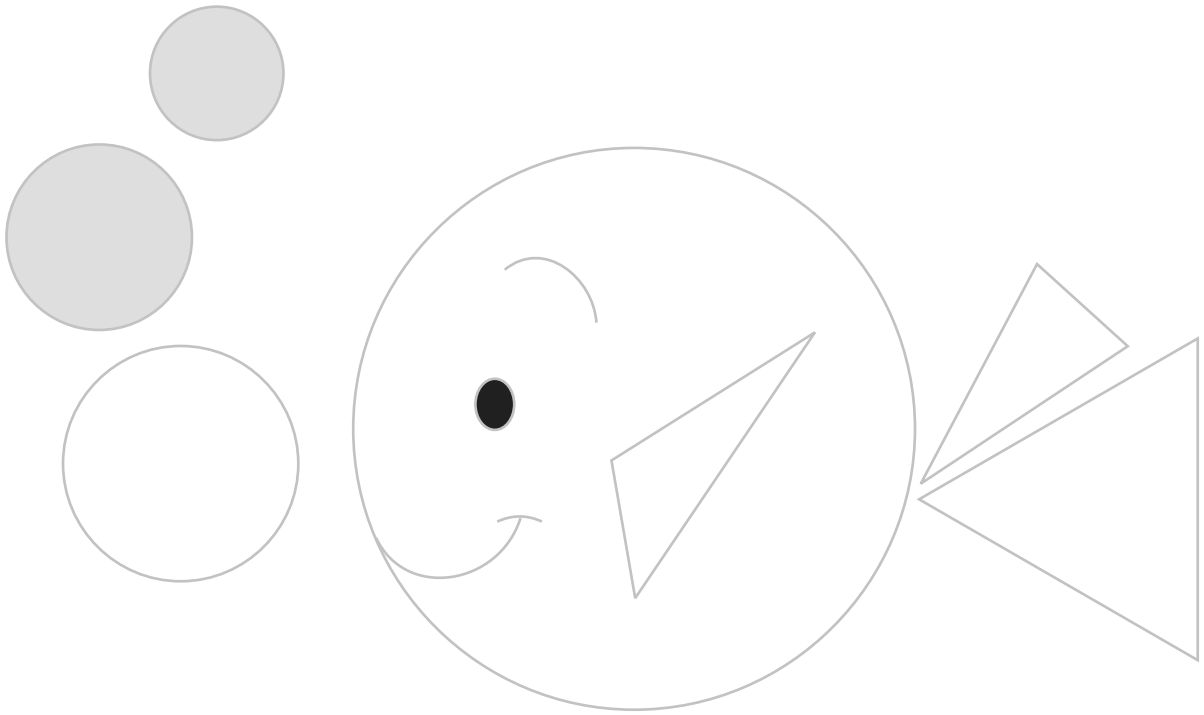


Colour green, pink and yellow.



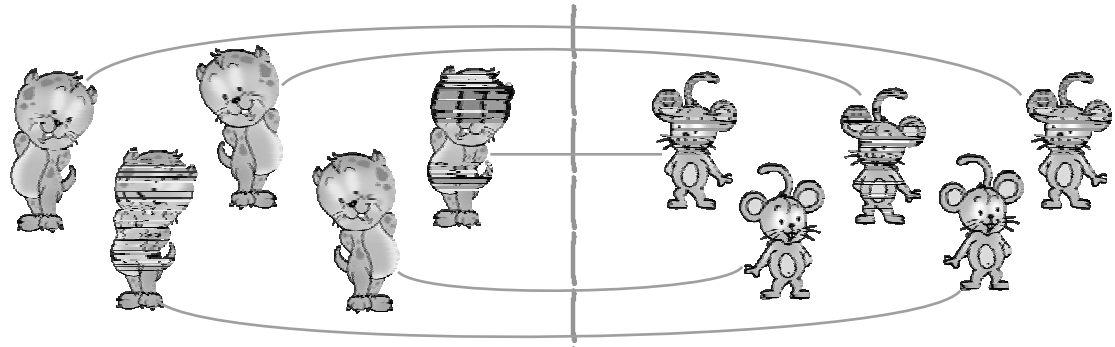
Make similar figures using the shape kit given at the back of this book.

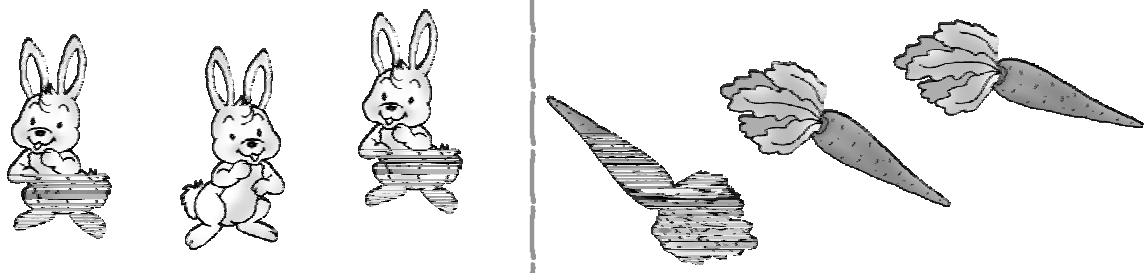


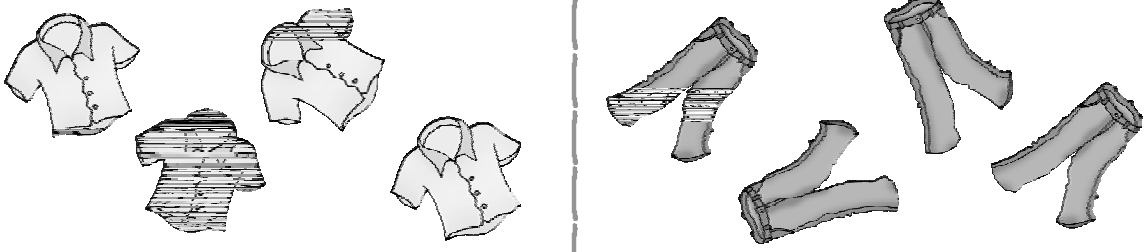


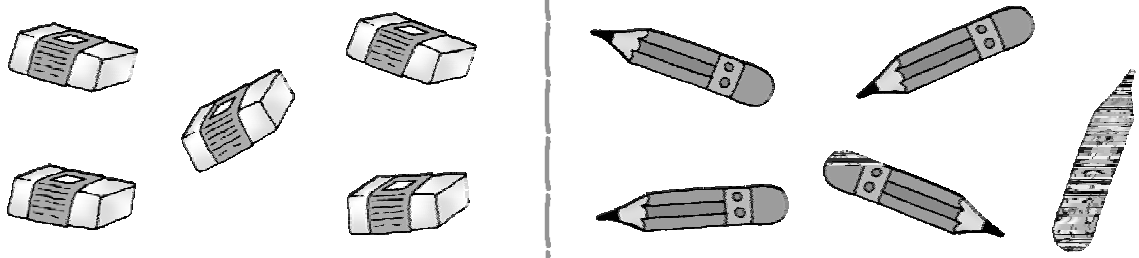
2 Numbers from One to Nine

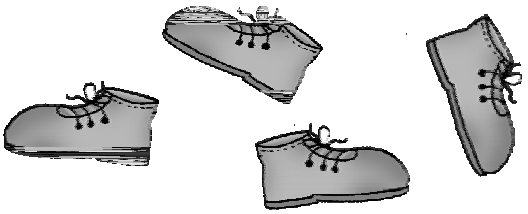
As many as

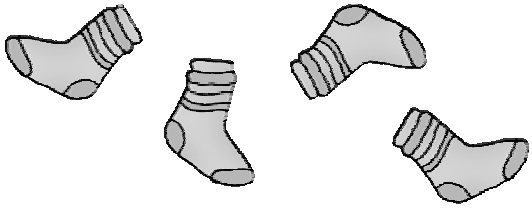






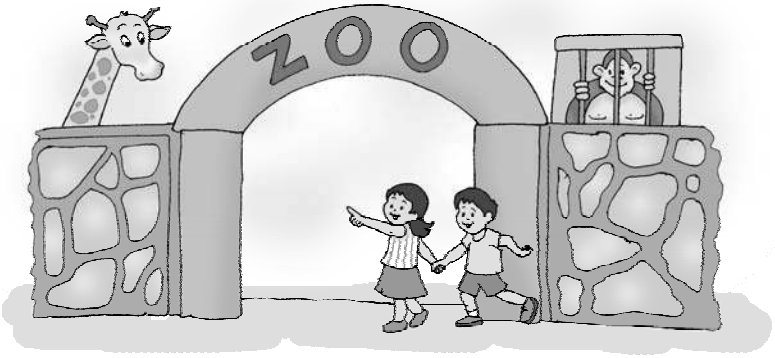




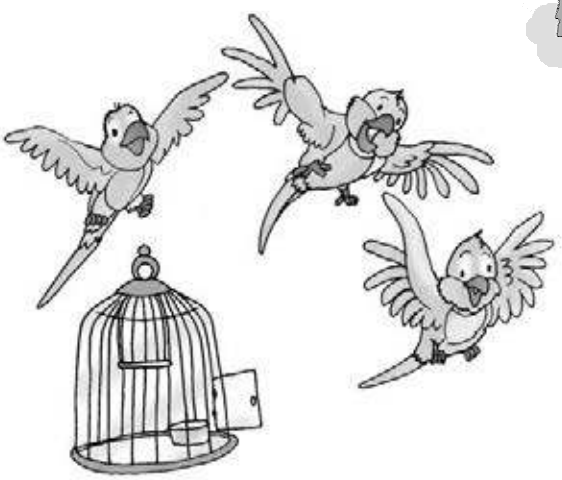


Counting

One One One
One little baby
eating a bun.

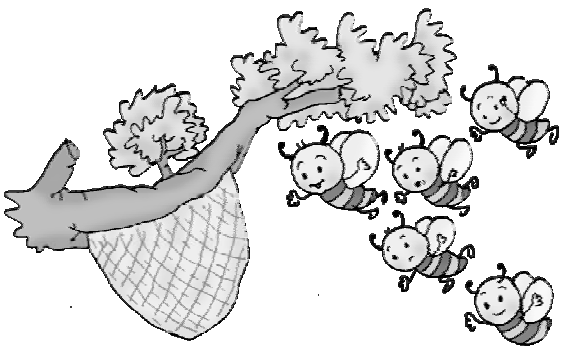


Two Two Two
Two little children
go to the zoo.



Three Three Three
Three green parrots flying free.

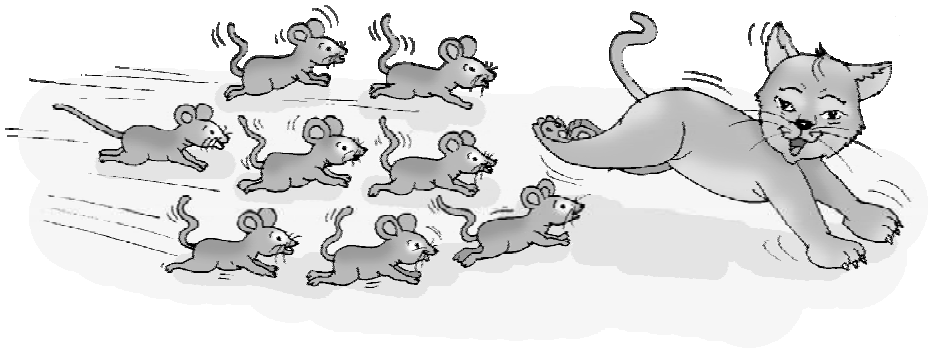
Four Four Four
Four hungry pups
want to eat more.



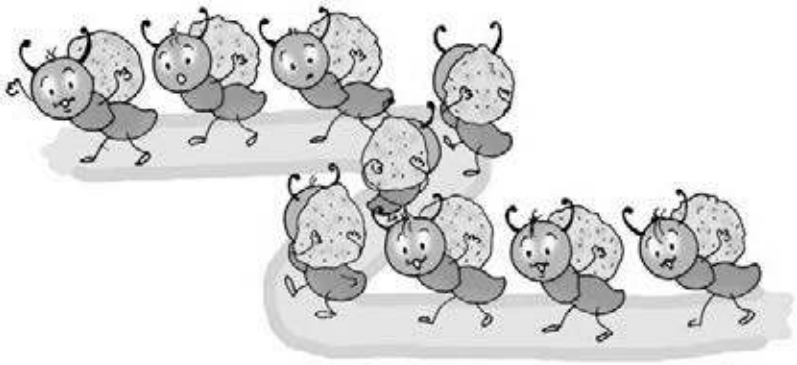
Five Five Five
Five honey bees are
going to the hive.

Six Six Six
Six tiny nails
Soni has to fix.

Seven Seven Seven
Seven little dwarfs
are going to heaven.



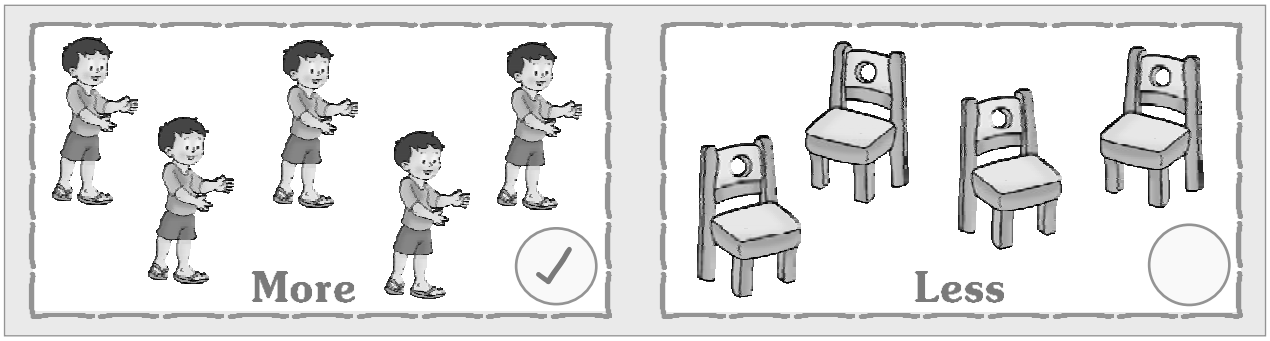
Eight Eight Eight
Eight fat rats
chase a cat.



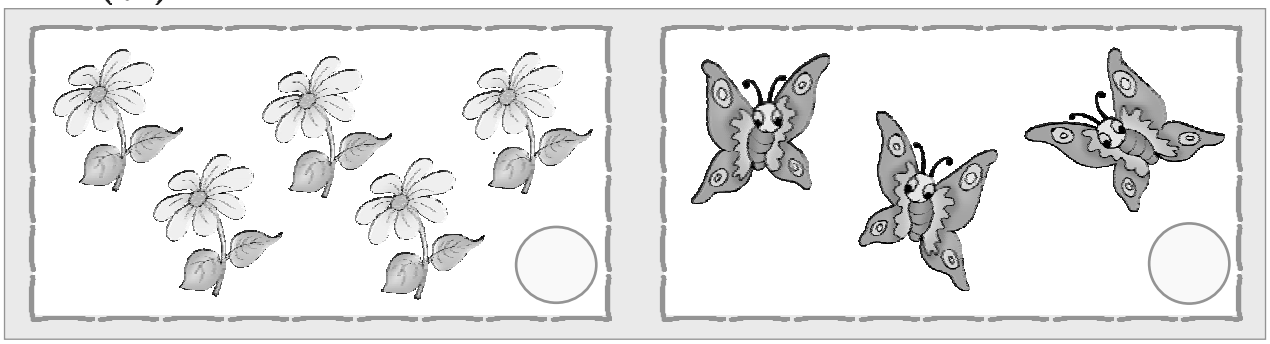
Nine Nine Nine
Nine red ants
walk in a line.

More or Less

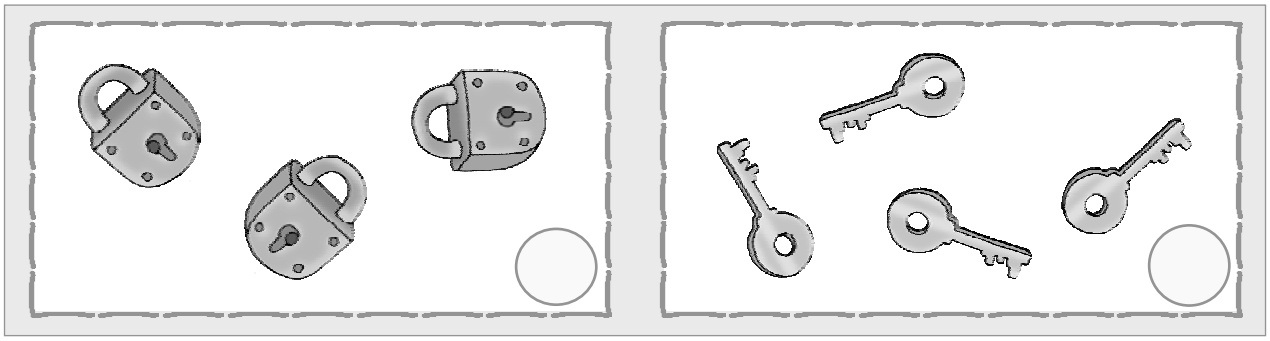
Tick(✓) more.



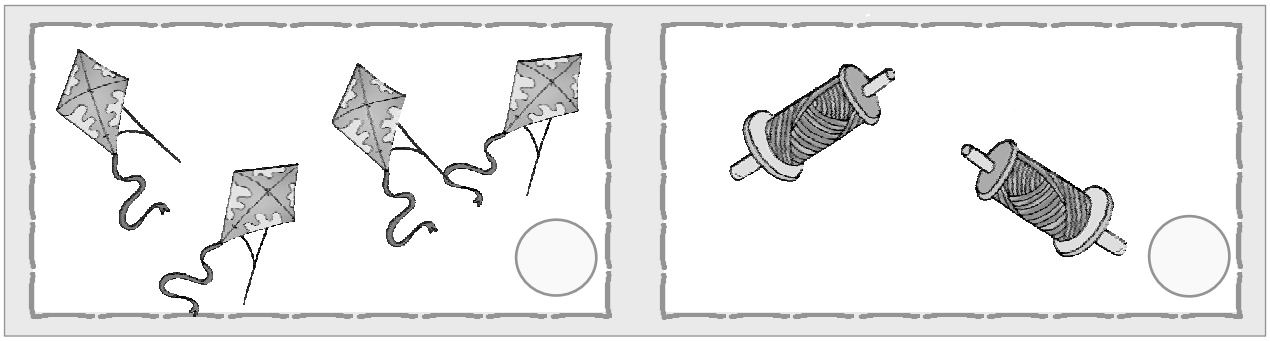
Tick(✓) more.



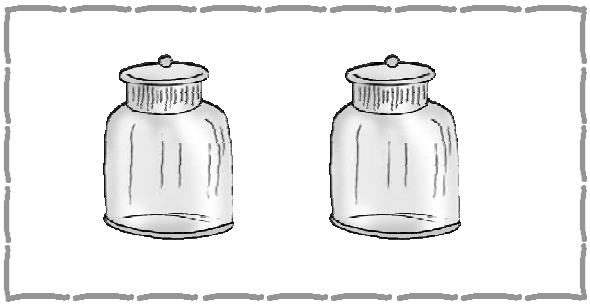
Tick(✓) less.

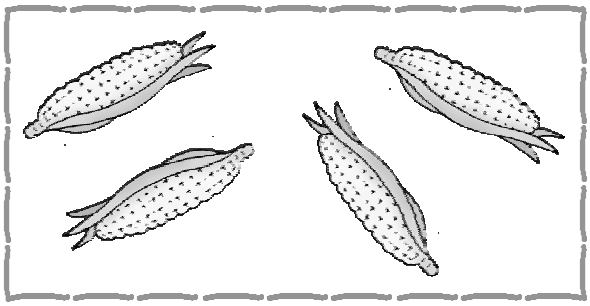


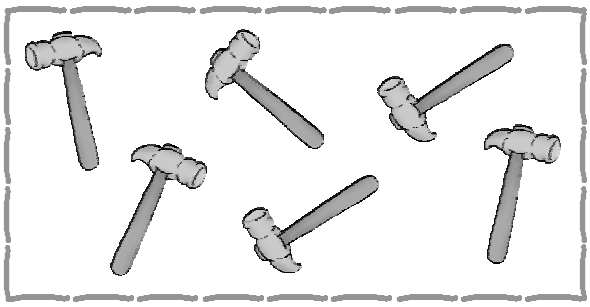
Tick(✓) more.

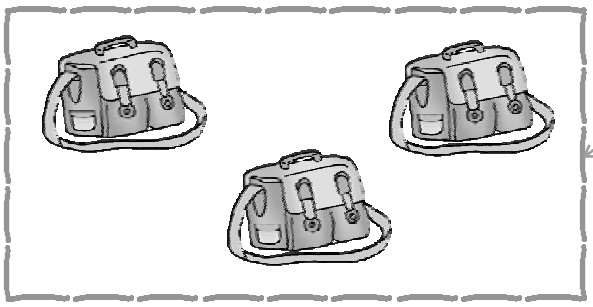


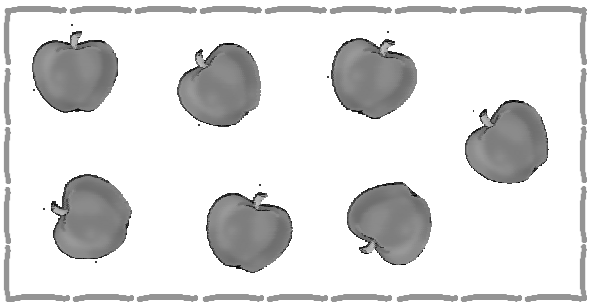
Count and Match

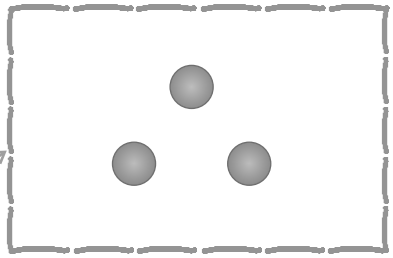


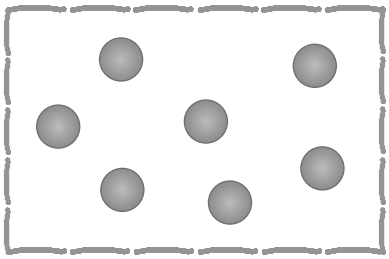


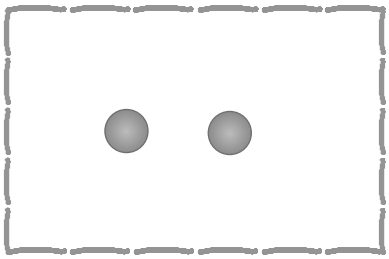


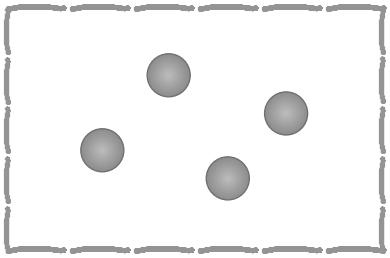


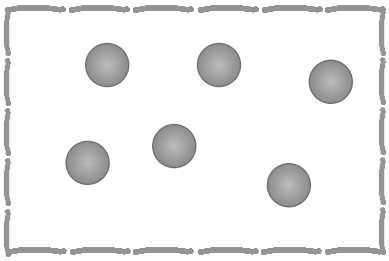




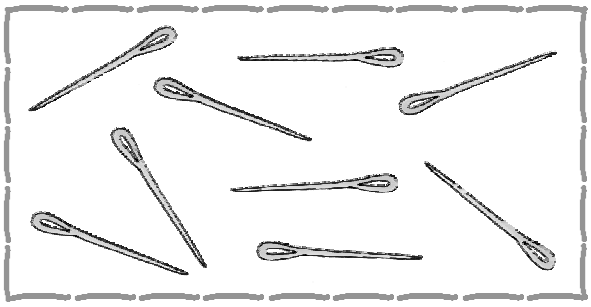


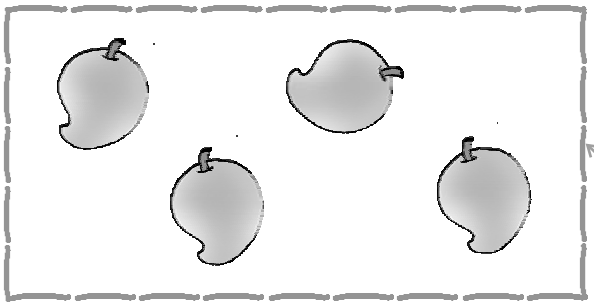


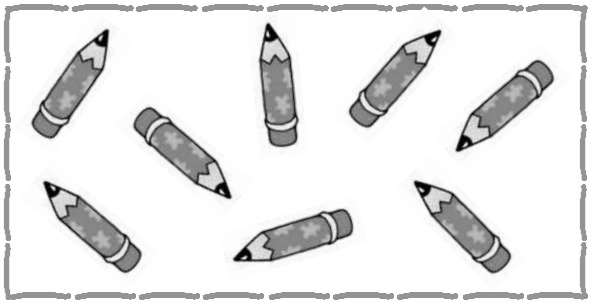


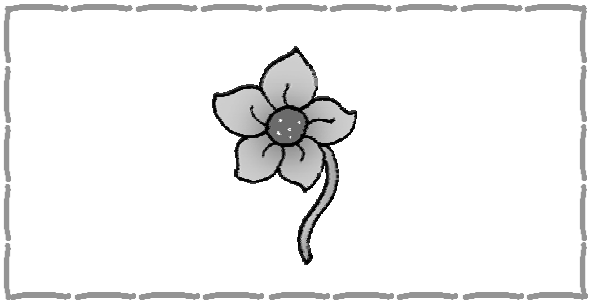


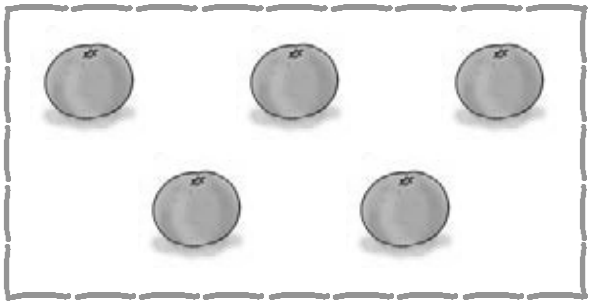
Count and Match

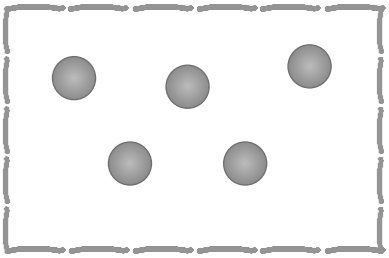


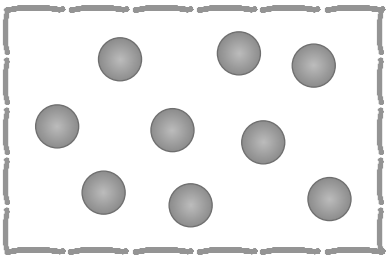


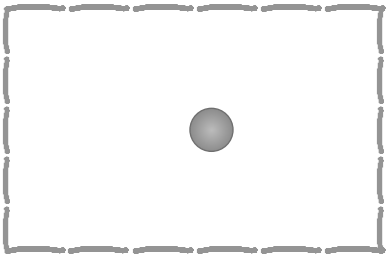


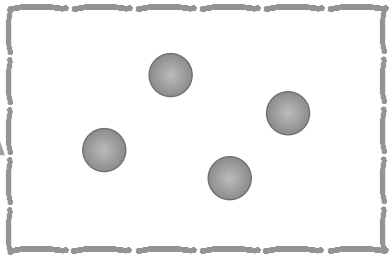


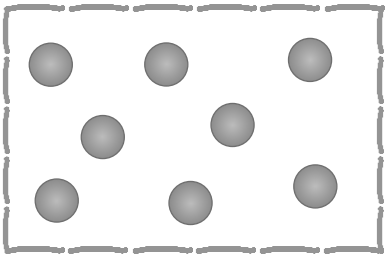




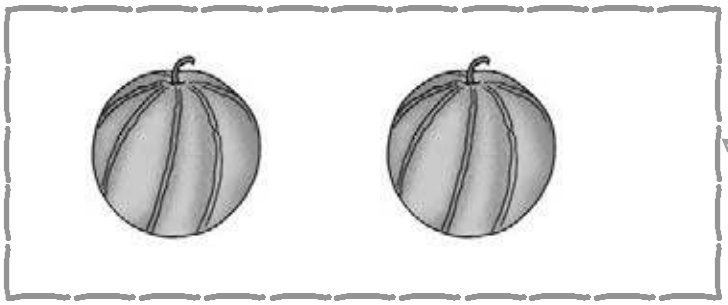


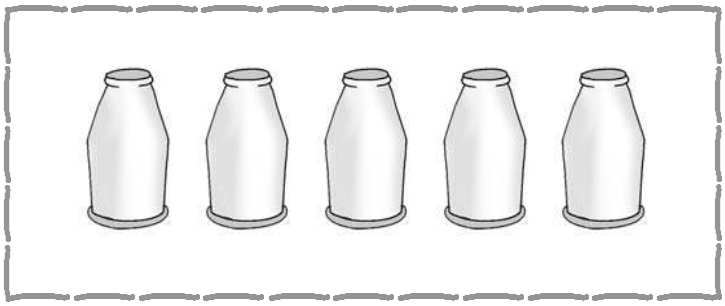


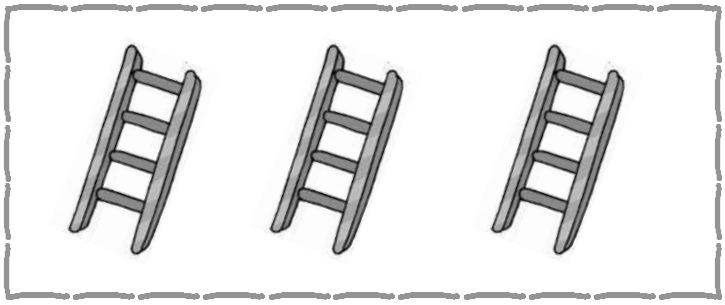


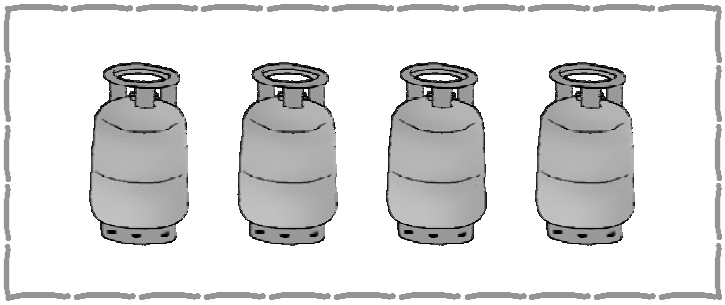


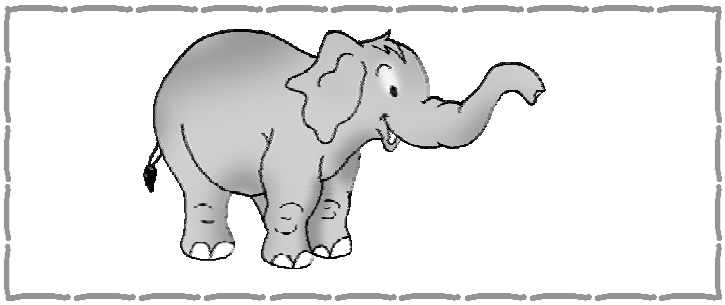
Count and match.











4

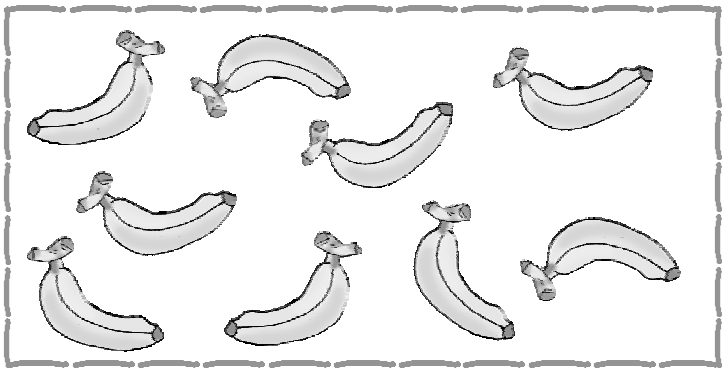
3

2

1

5

Count and match.



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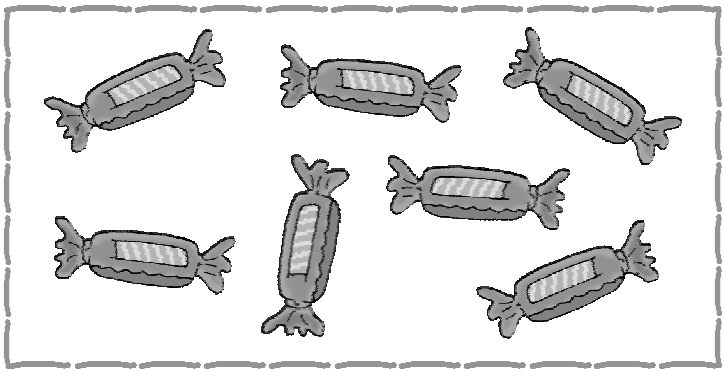

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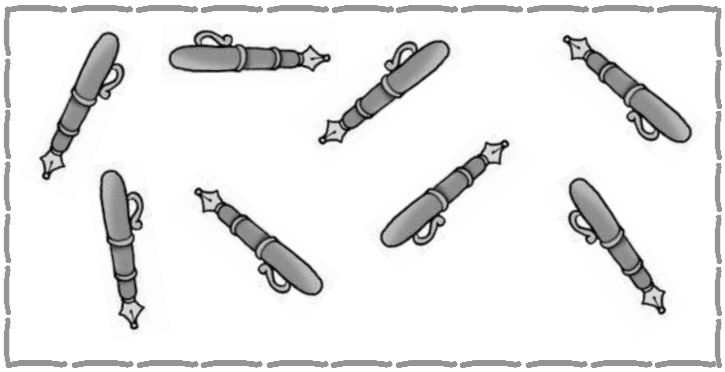

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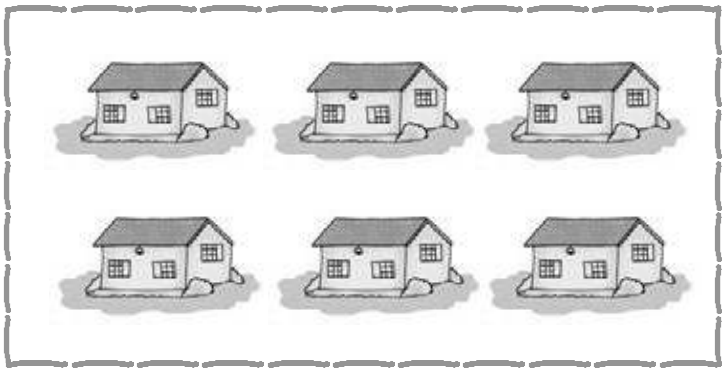
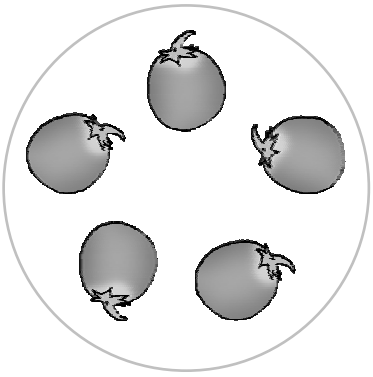


7

Match the numbers with the pictures.



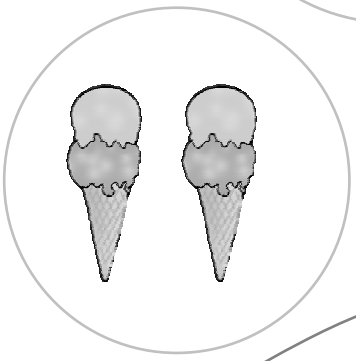
1

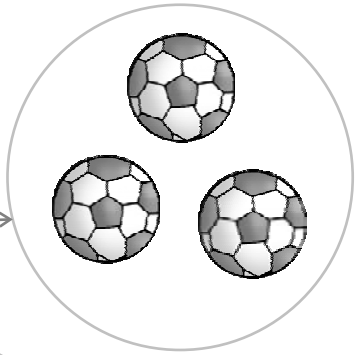
2

3

4

5





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7

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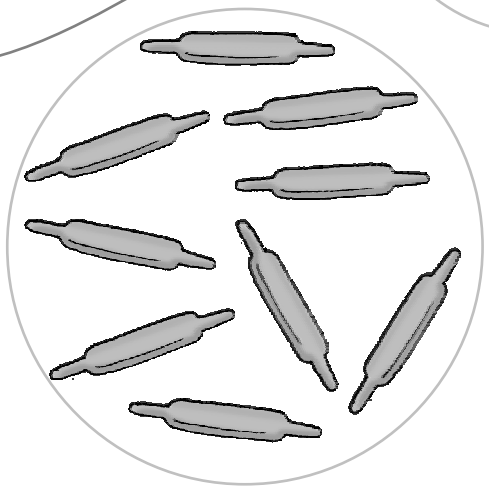
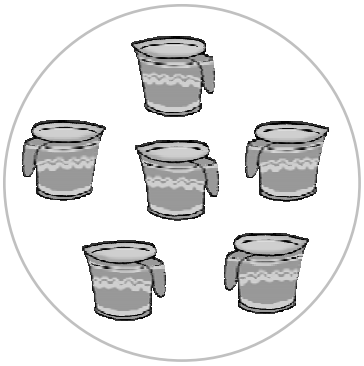
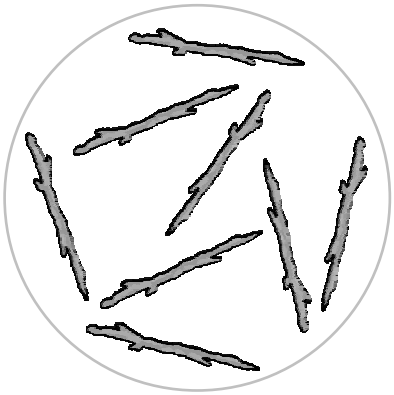
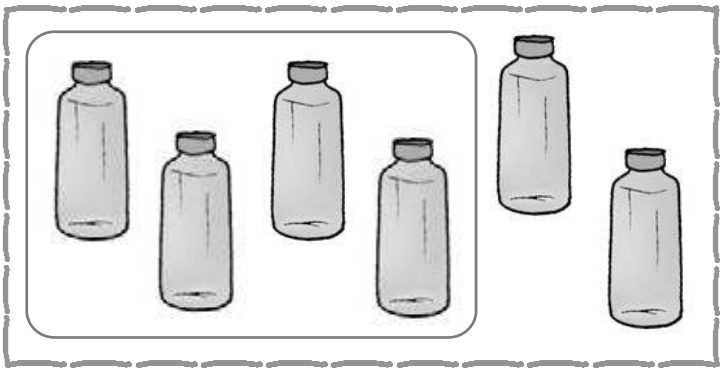




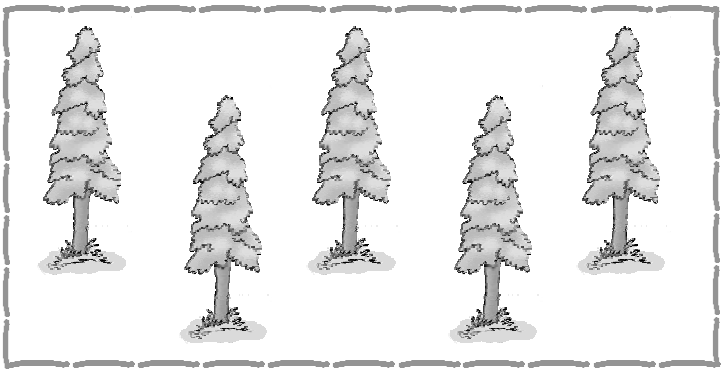


Make groups of

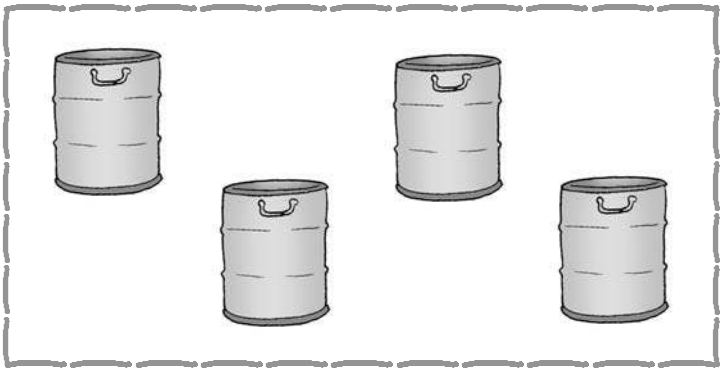
4 bottles



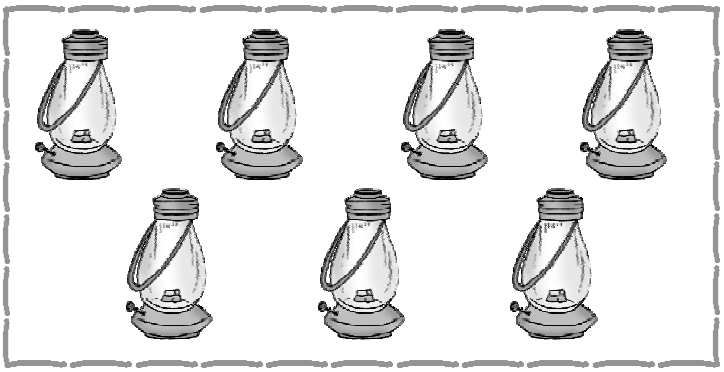
3 Trees



2 Drums

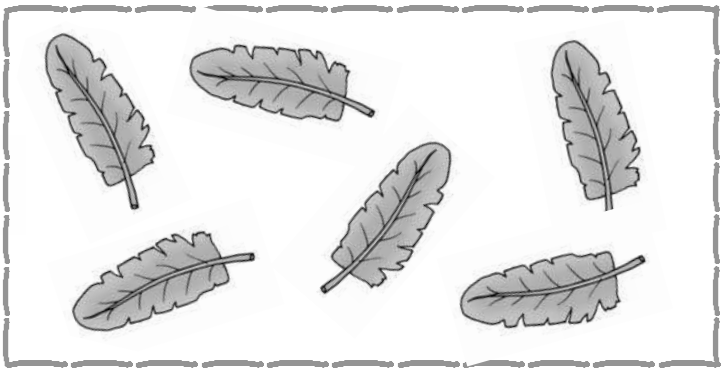


5 Lanterns

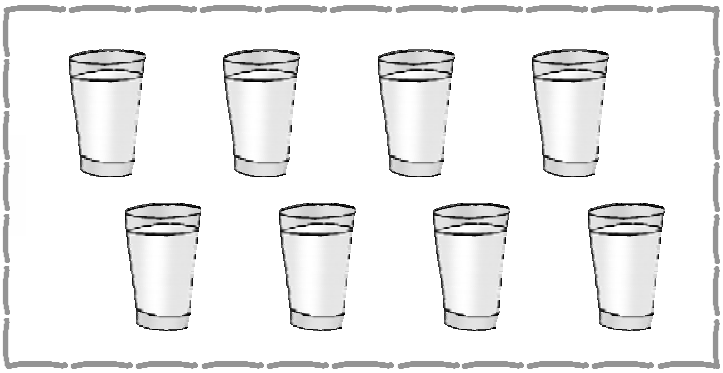


Make groups of

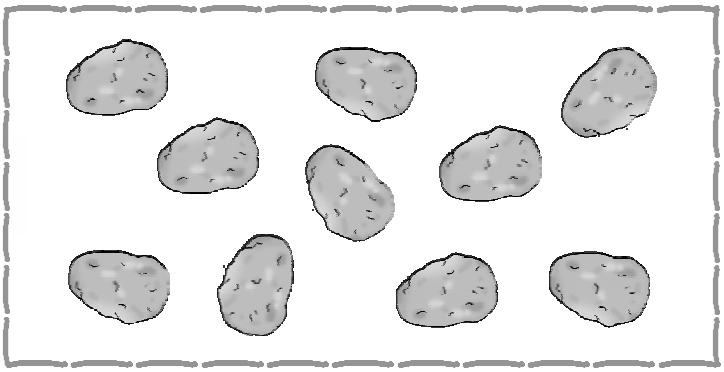
6 Leaves



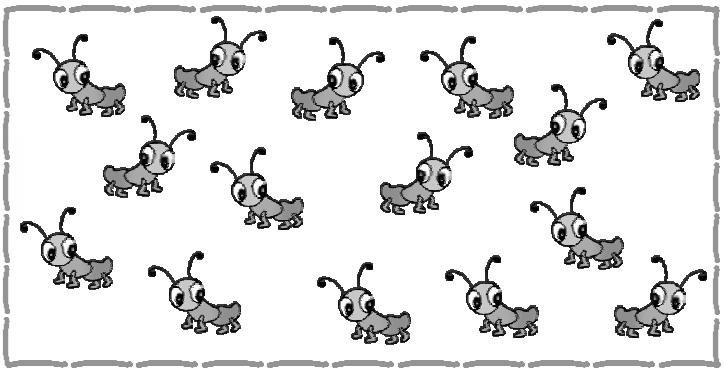
7 Glasses



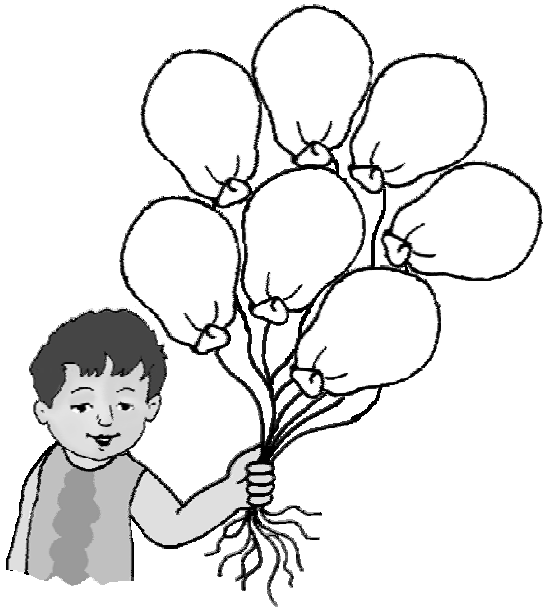
8 Potatoes



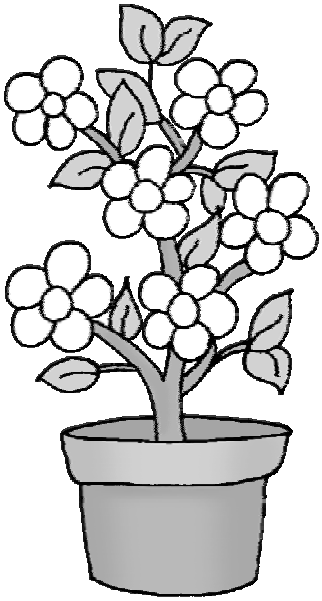
9 Ants



Colour 5 balloons

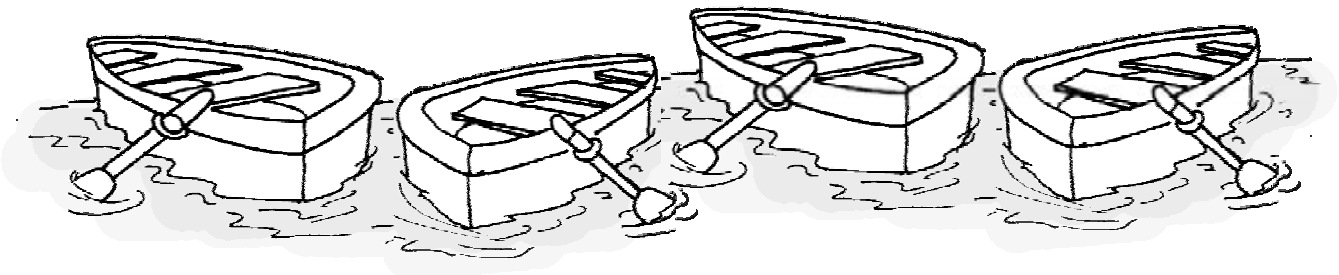


Colour 4 flowers

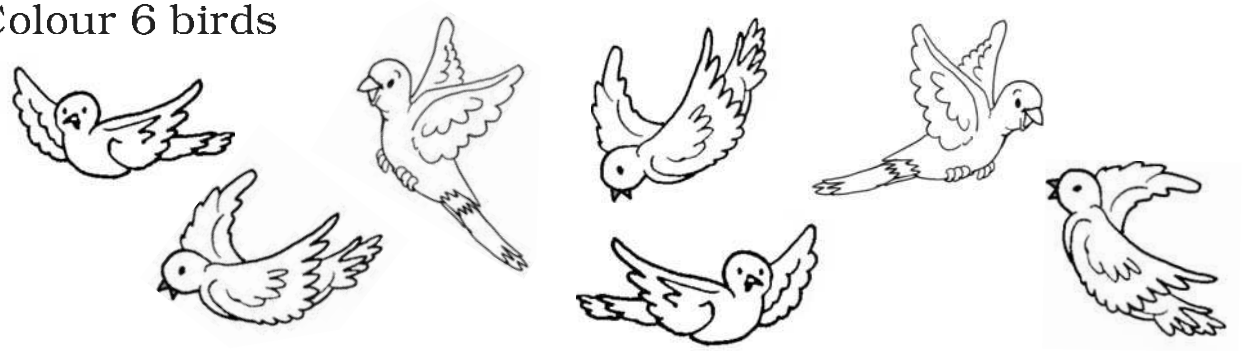


Colour 2 trees

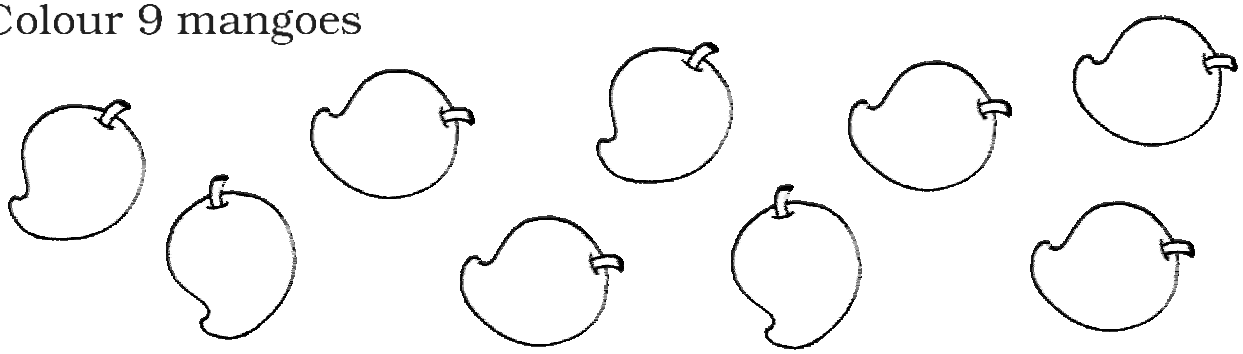
Colour 3 boats



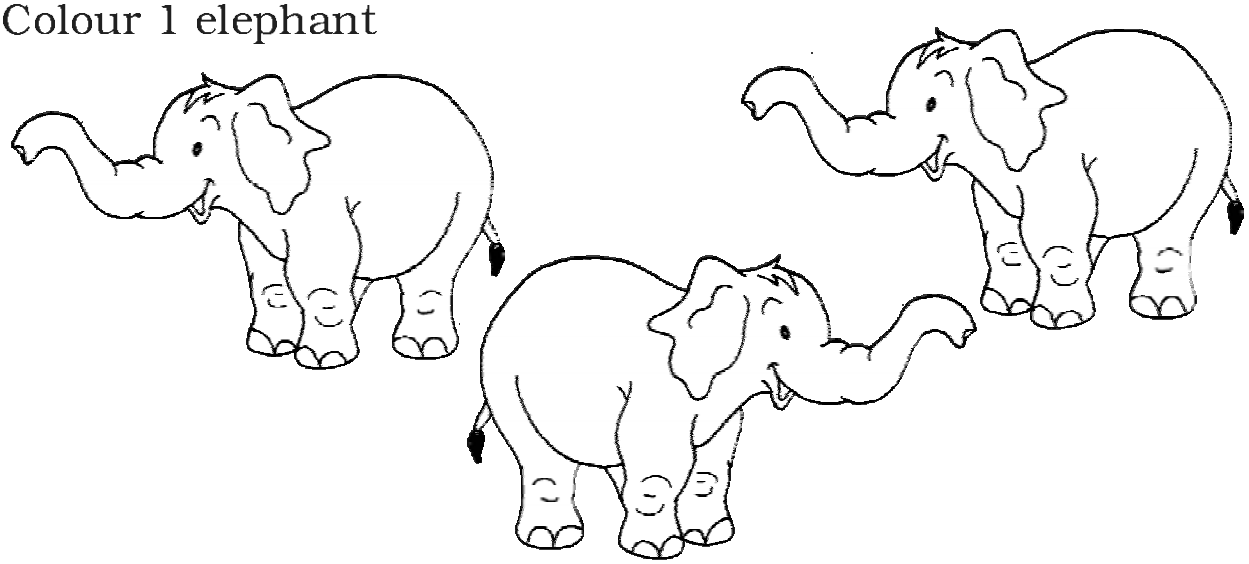
Colour 6 birds



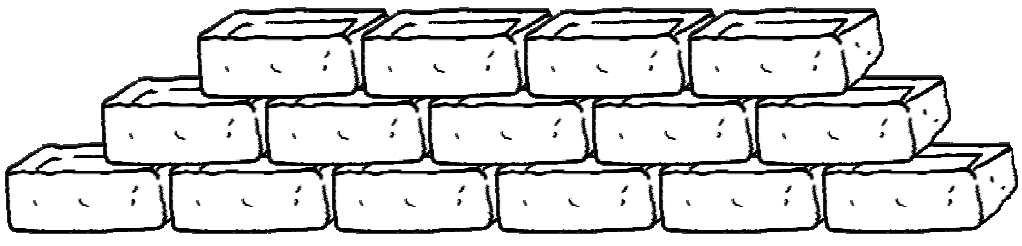
Colour 9 mangoes



Colour 1 elephant

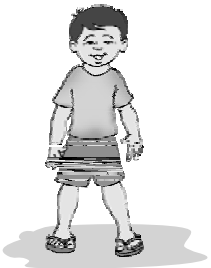


Colour 7 bricks



One

One

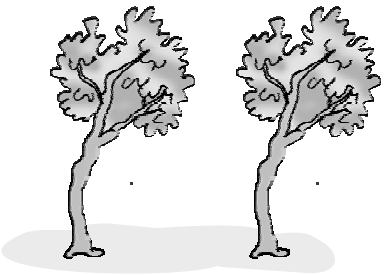


Two

2

Two

2



2

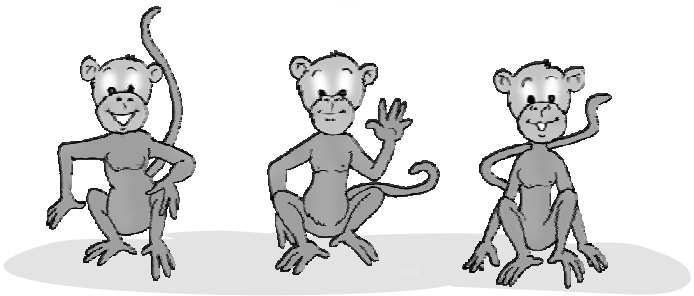
2

2

Three

3

Three



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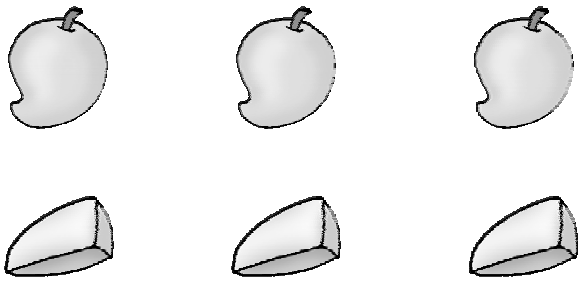

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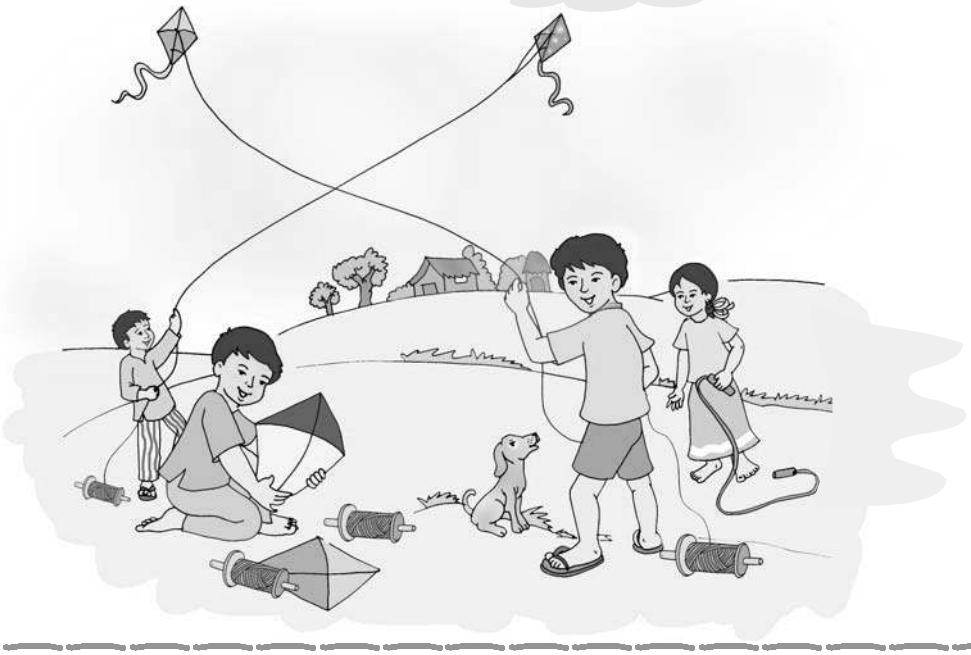

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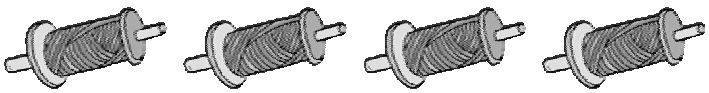
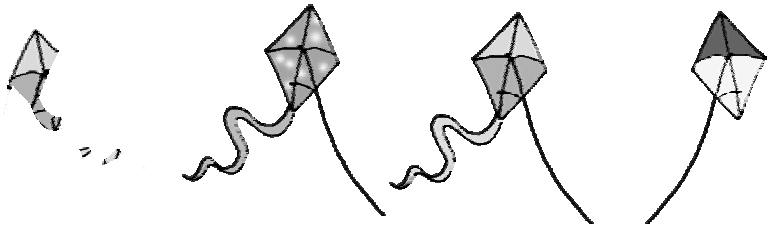
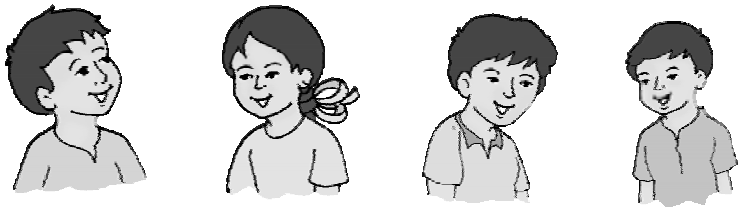
Four

4







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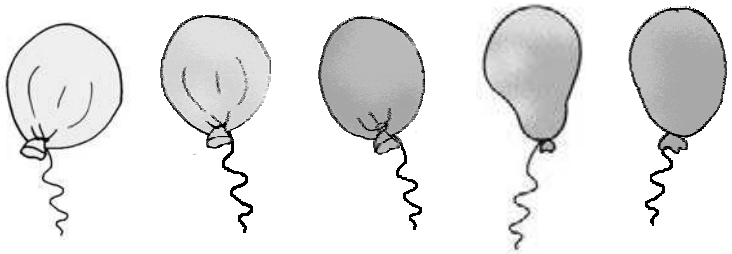
4

Five

5

Five



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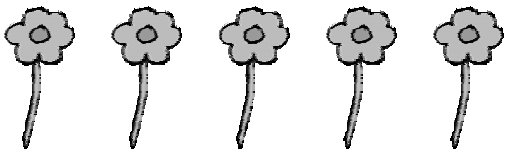

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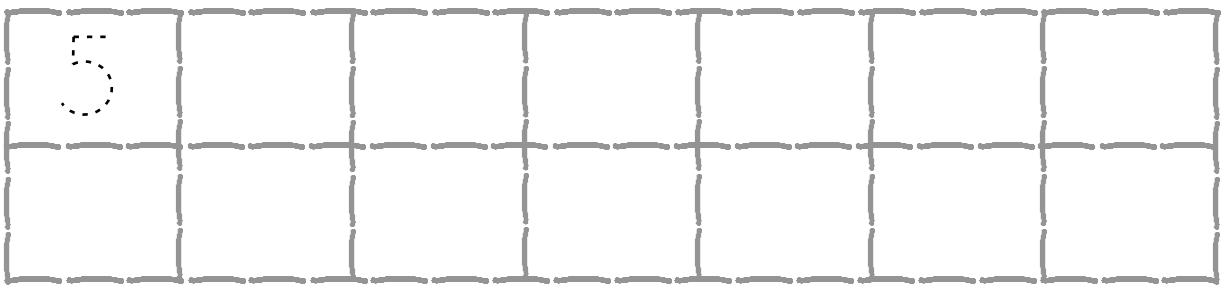


Six

6

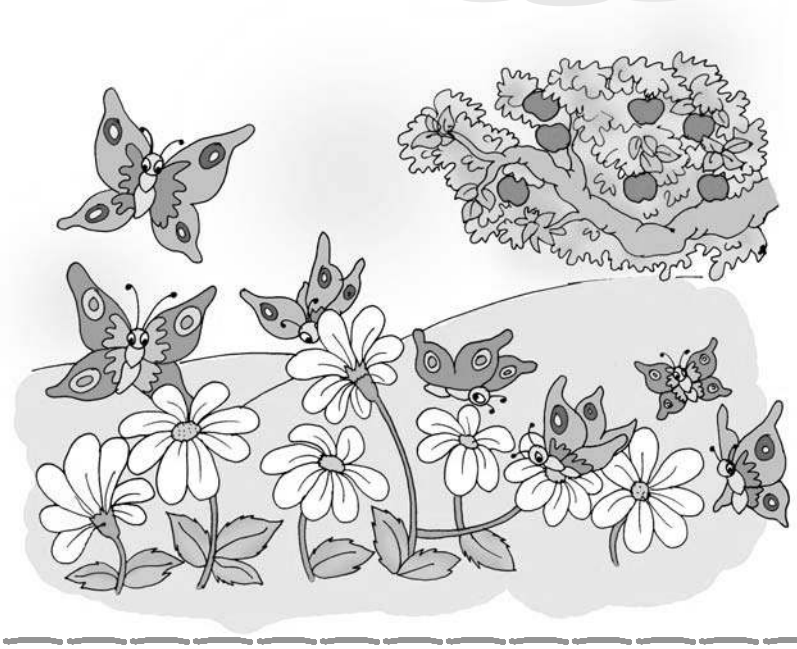
Six

6

6

6

Seven



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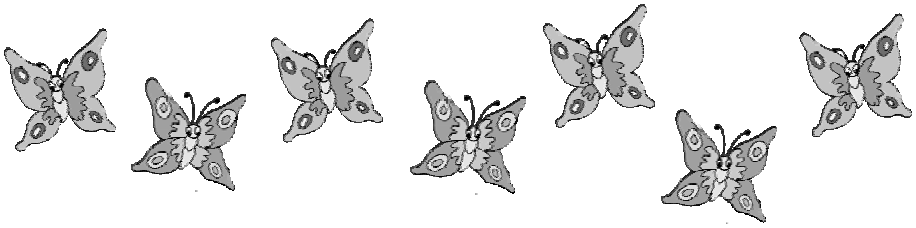
Seven



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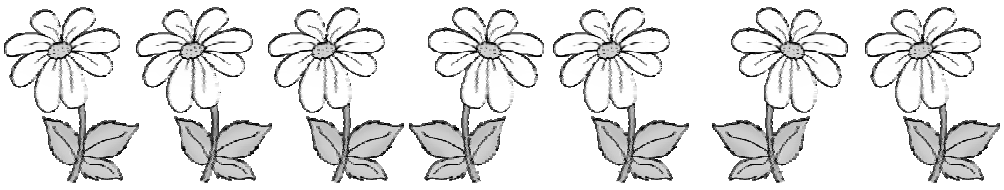
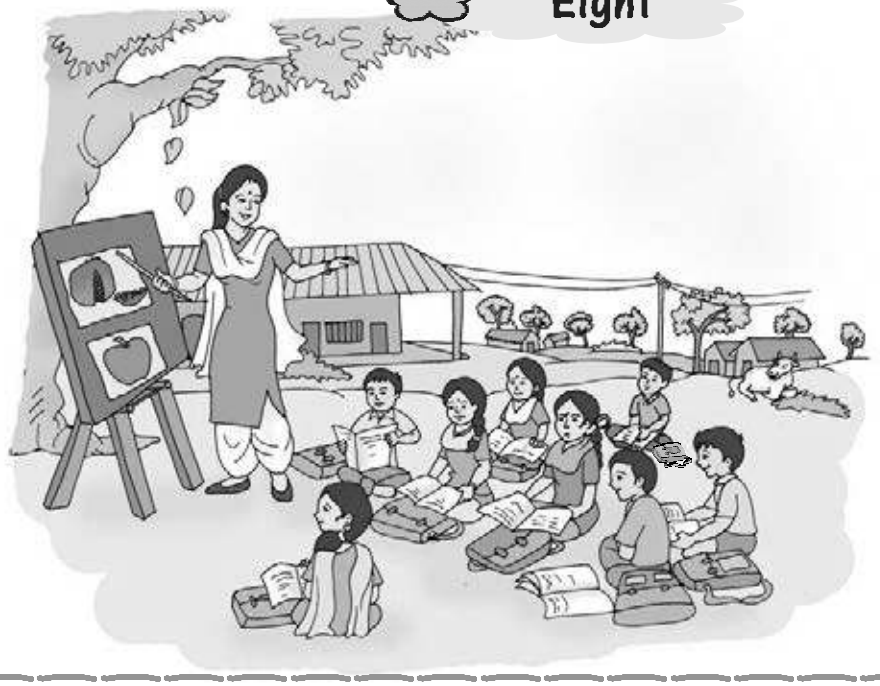


7

7

Eight



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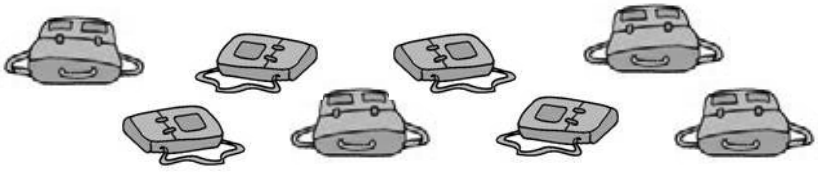
Eight



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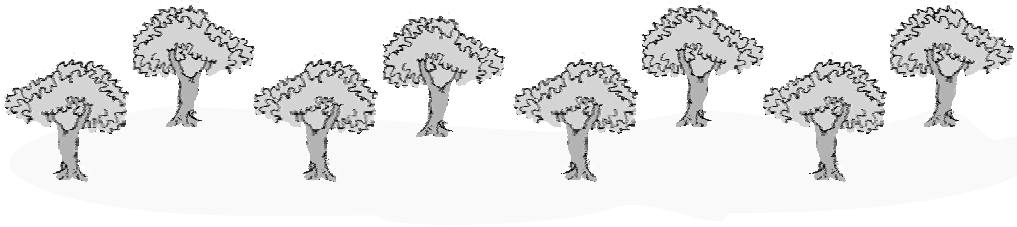

8

8

Nine

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Nine

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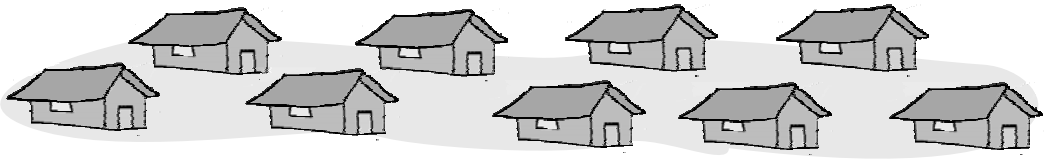
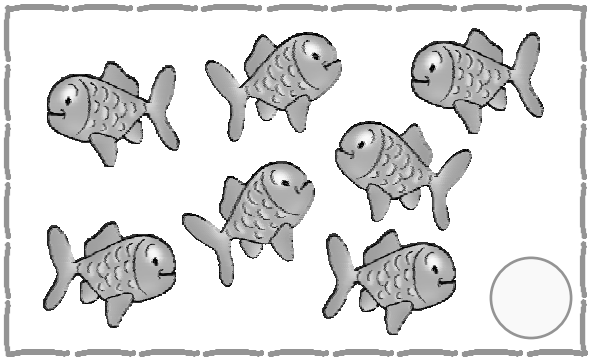
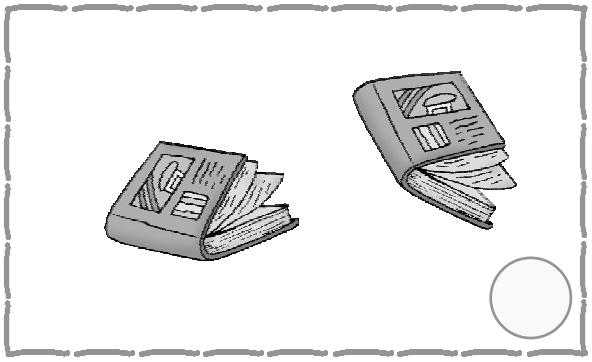
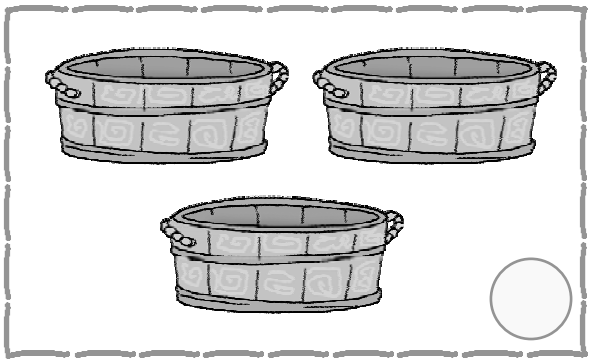


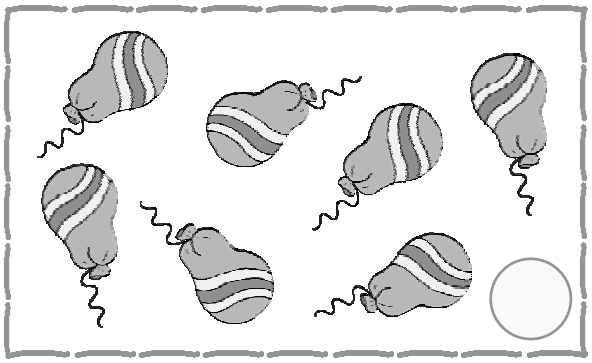
९

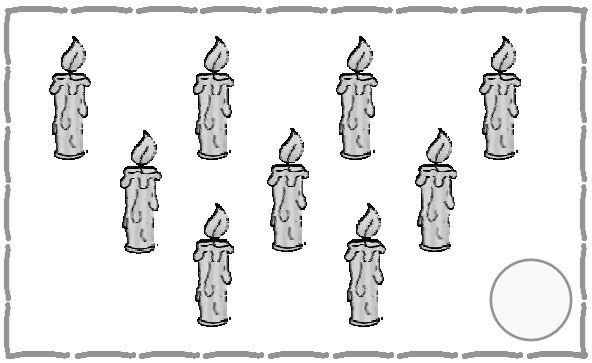
Name these things and write their number in the circle.

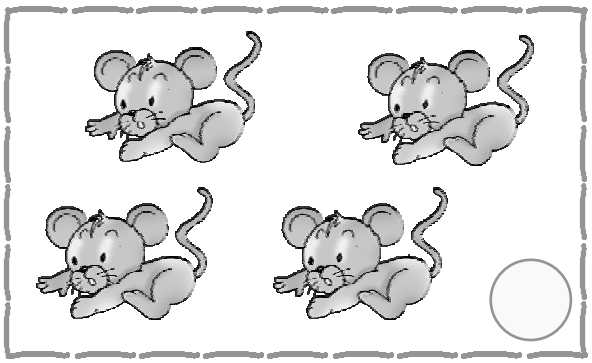


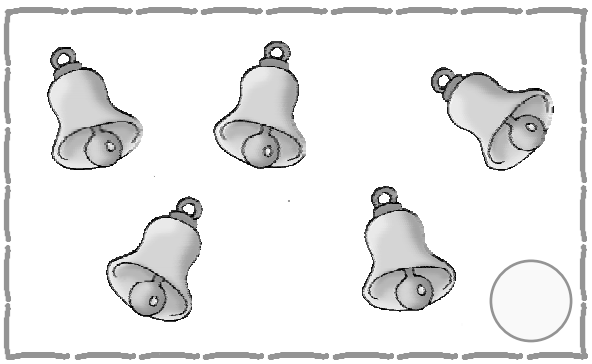


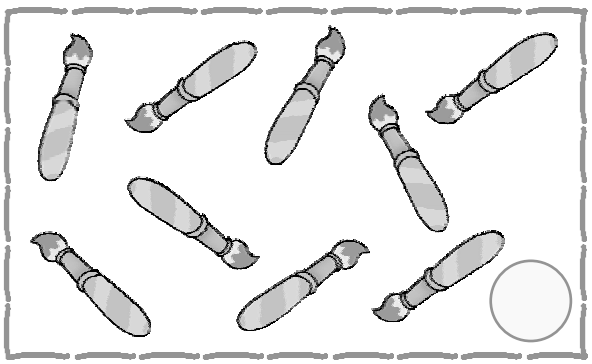




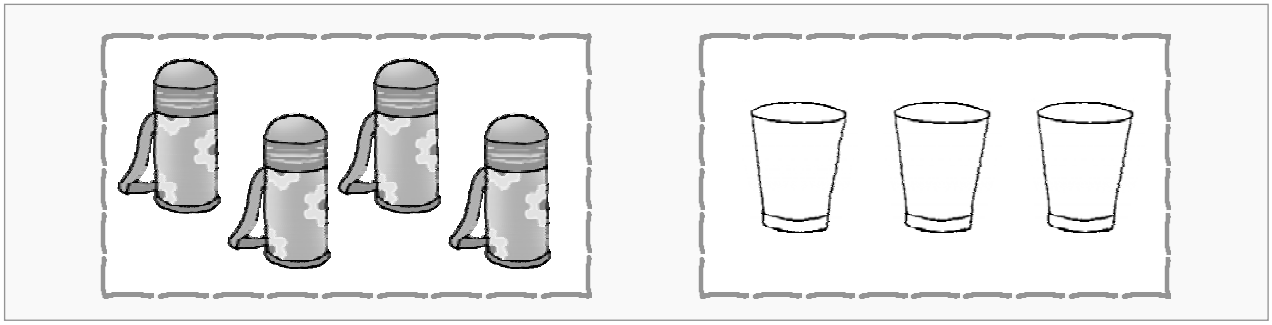


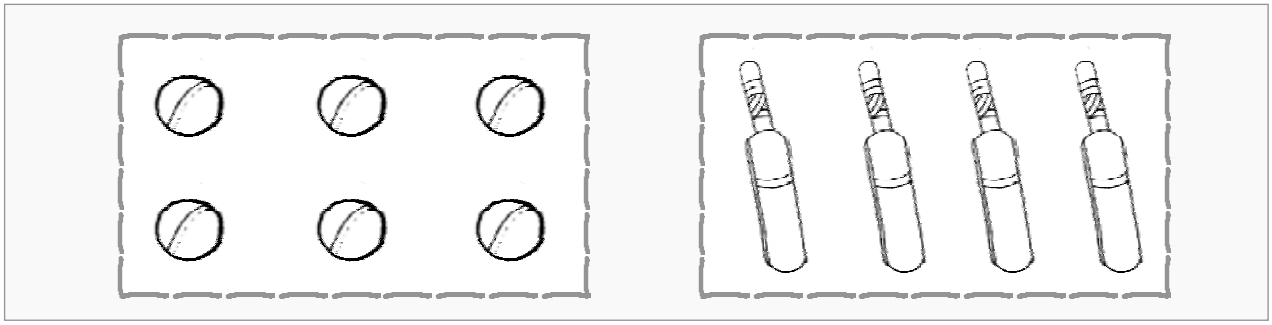


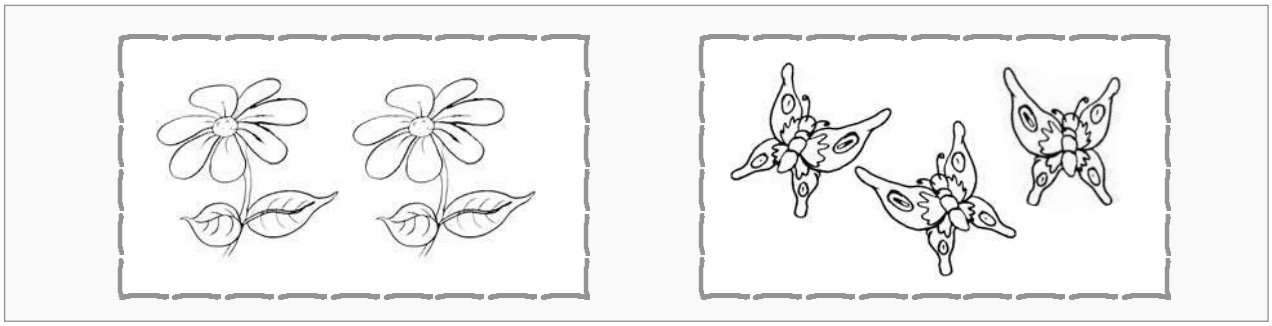


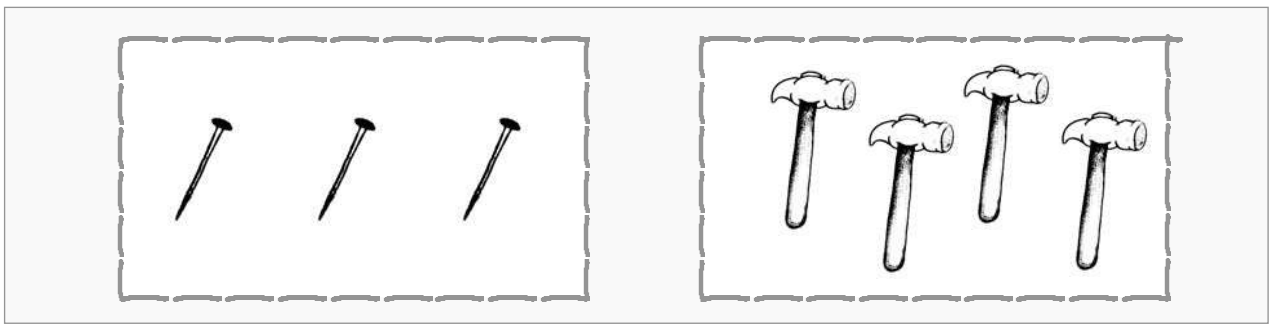


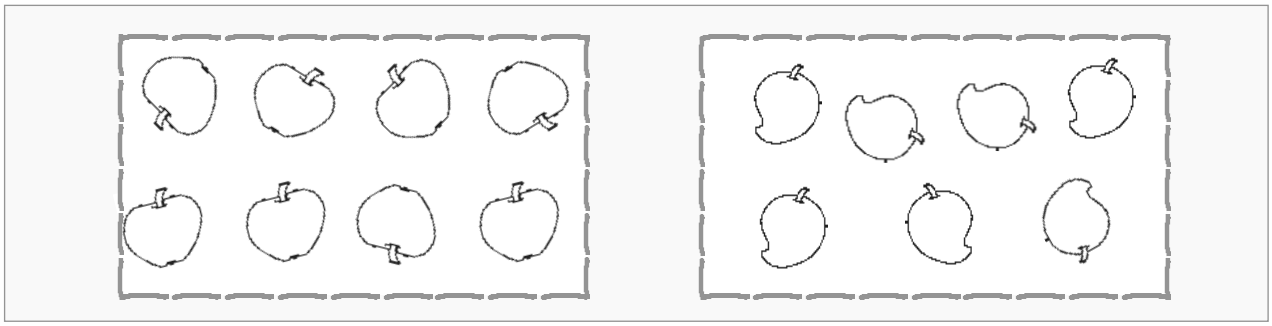
Colour the collection which has more objects.



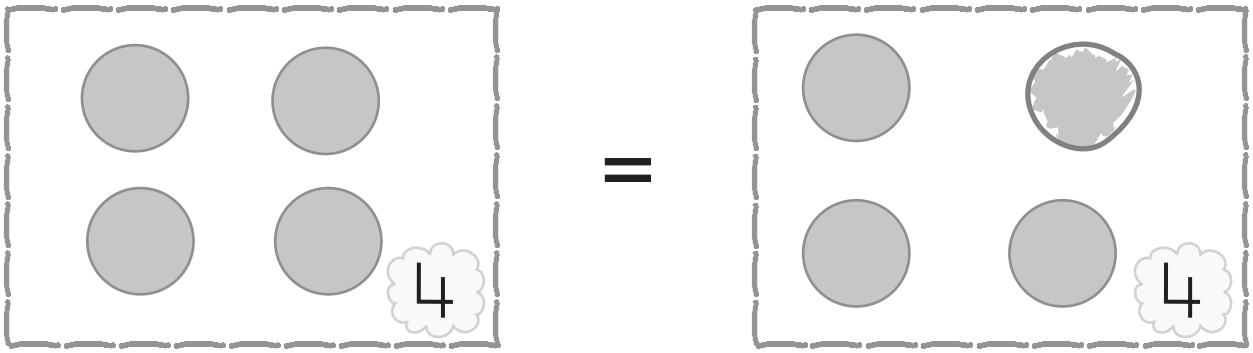


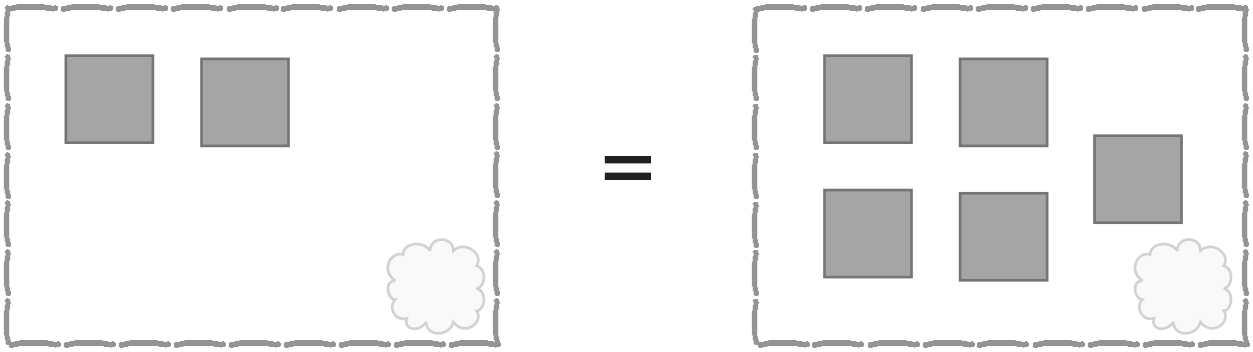


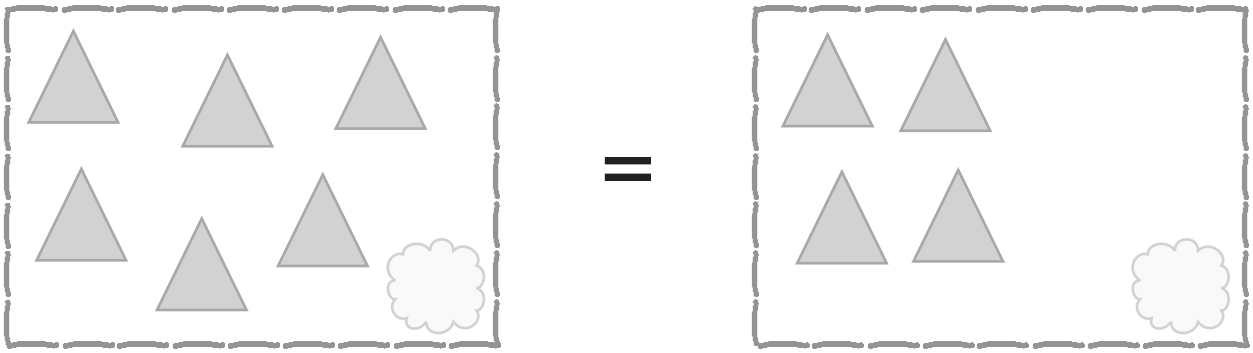


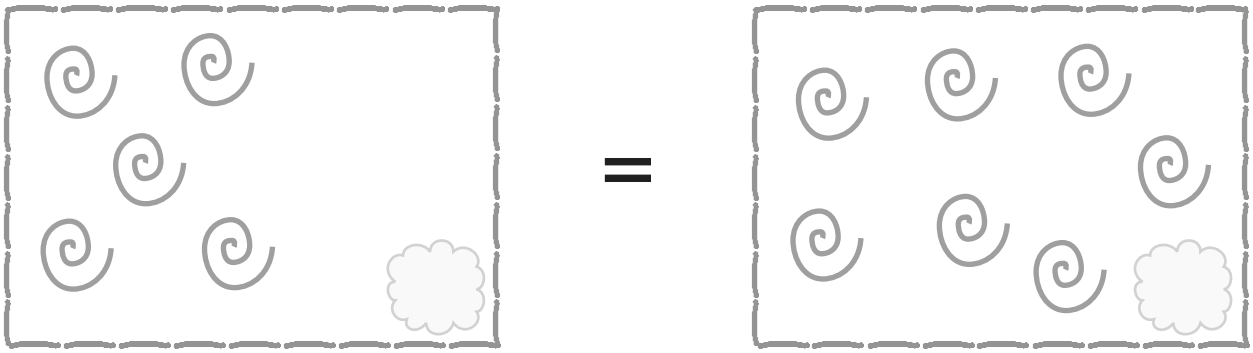


Make the collection equal.

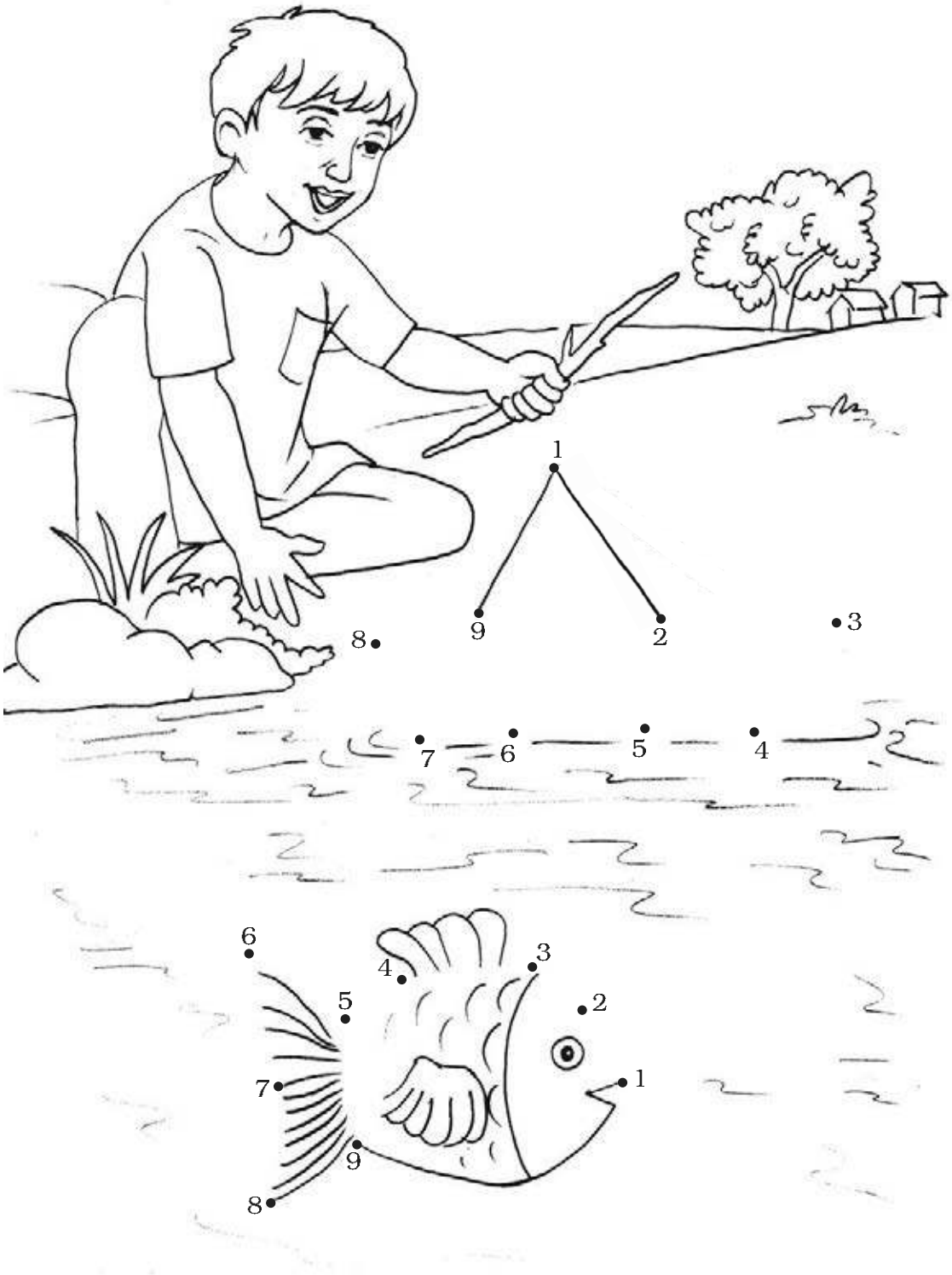




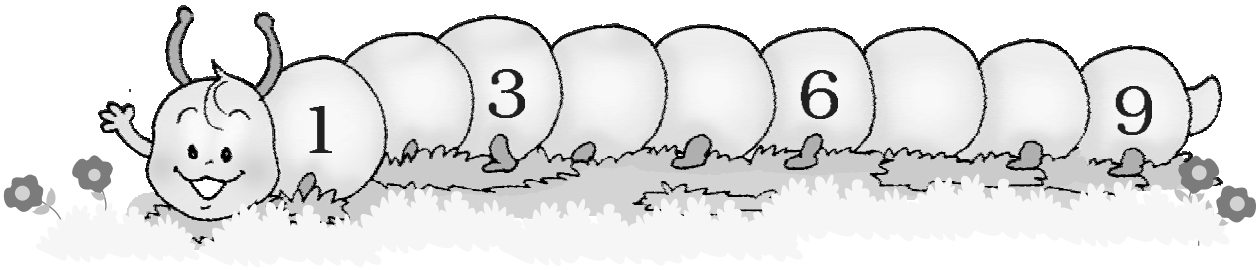




Join in order.

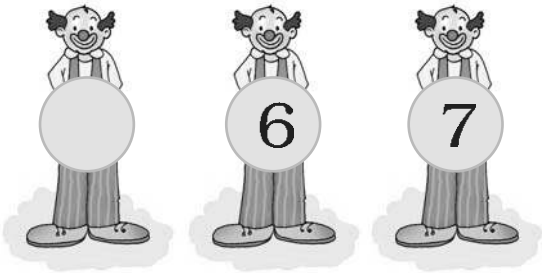


Write the missing number.

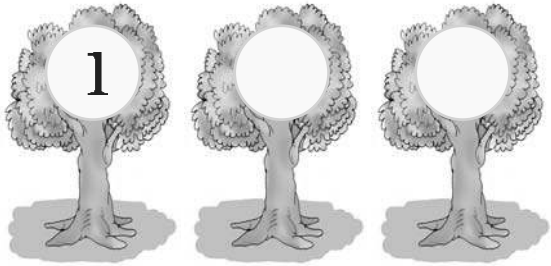


What comes before and after 5?

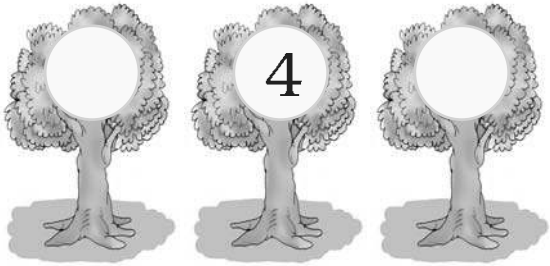
What comes before 6?



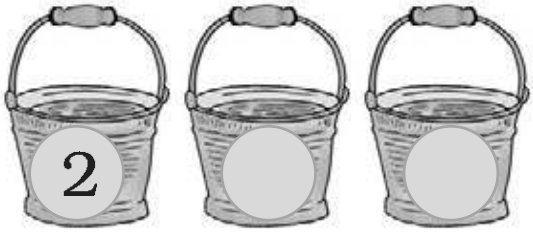
What comes after 1?



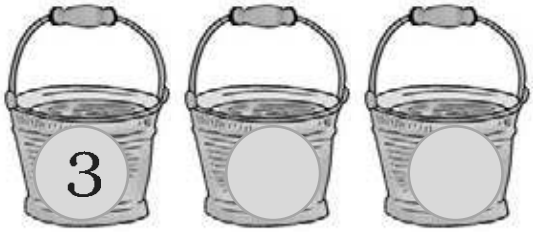
What comes before and after 4?



What are the next numbers?



What are the next numbers?



Zero

Five juicy mangoes
kept in a basket.
If you pick and eat one
how many will be left?

Four juicy mangoes
kept in a basket.
If you pick and eat one
how many will be left?

Three juicy mangoes
kept in a basket.
If you pick and eat one
how many will be left?

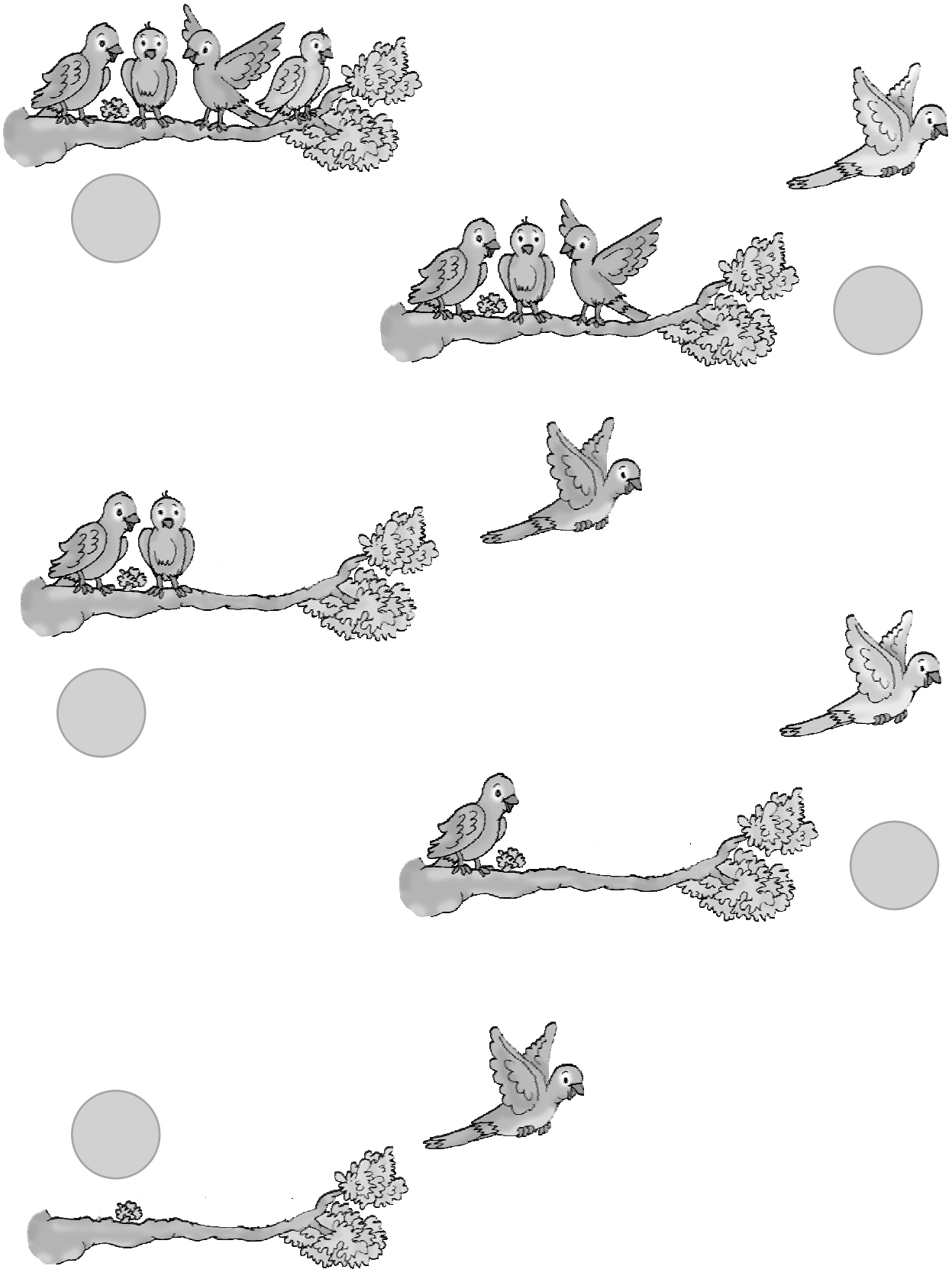
Two juicy mangoes
kept in a basket.
If you pick and eat one
how many will be left?

One juicy mango
kept in a basket.
If you pick and eat one
how many will be left?

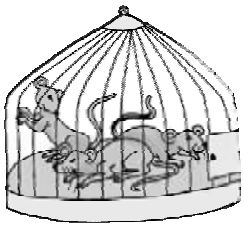
0

Zero

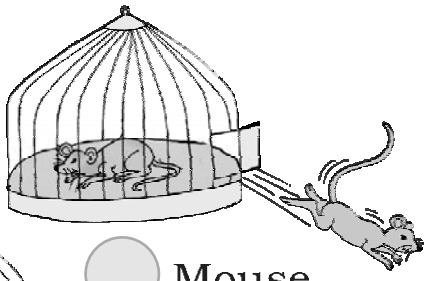
Count and write the number of birds on the branch.



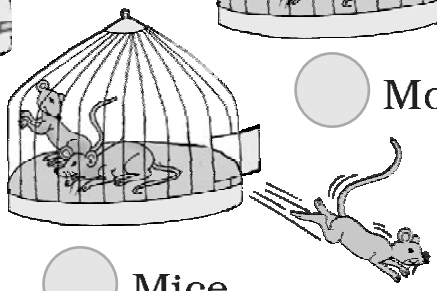
How many in the cage.



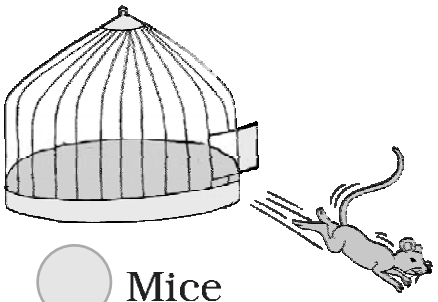
3 Mice



Mouse

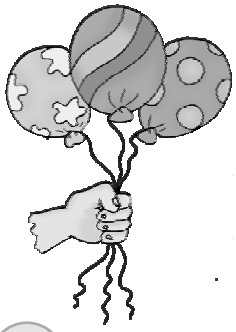


Mice



Mice

How many balloons in the hand.



3 Balloons

Balloons

Balloon

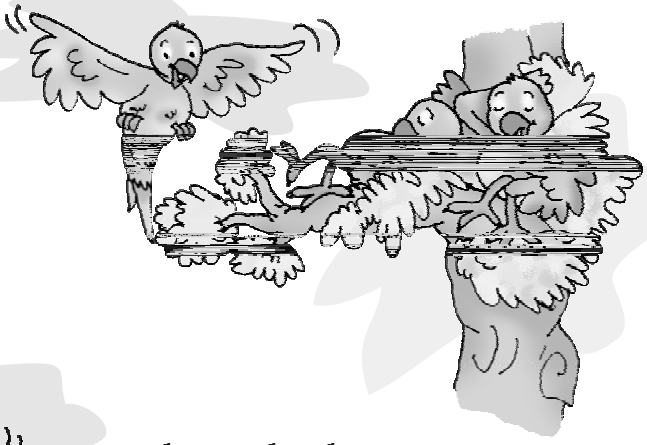
Balloons

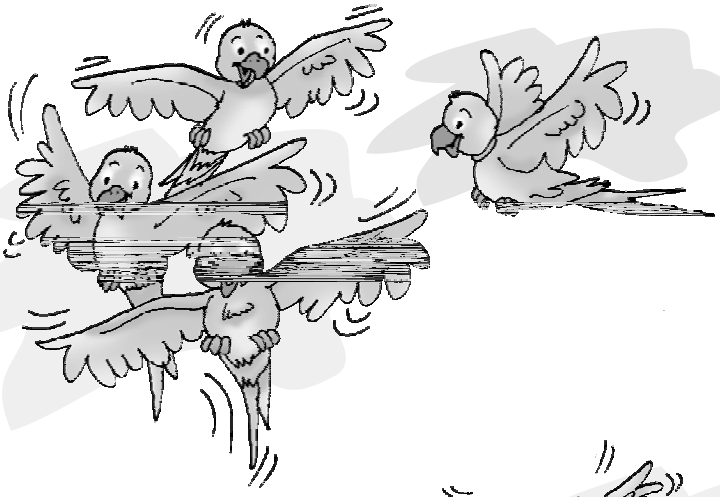
3 Addition

One more

One little parrot,
singing I love you,
One more joins in,
making them two.

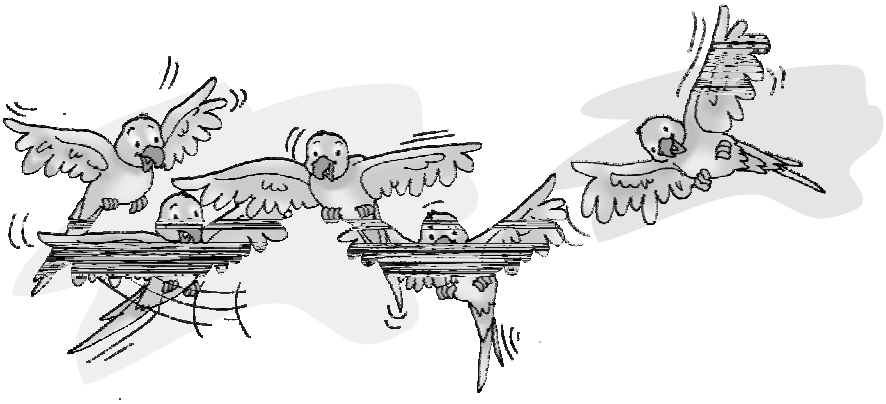
Two little parrots,
resting on a tree,
One more joins in,
making them three.



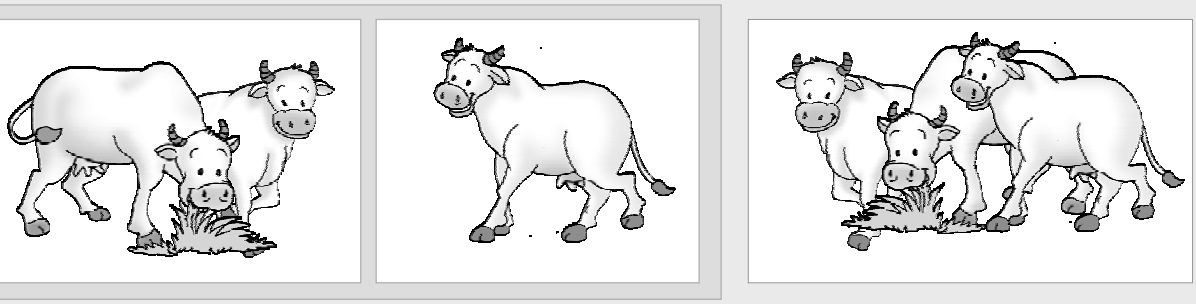


Three little parrots,
looking for more,
One more joins in,
making them four.

Four little parrots,
wanting to dive,
One more joins in,
making them five.

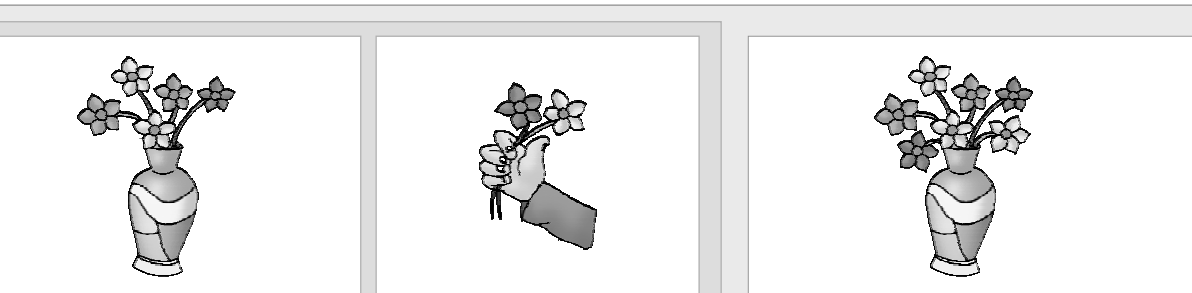


How many altogether ?

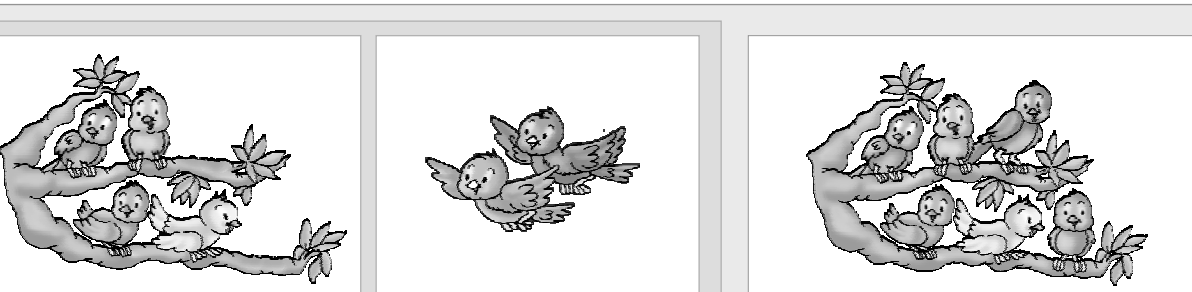


2 cows and 1 cow is equal to 3 cows

3 children and 2 children is equal to 5 children

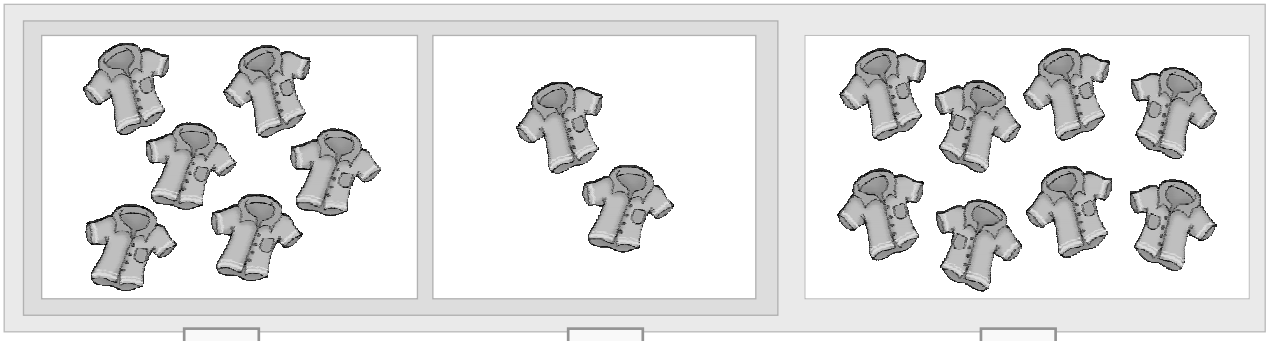


Flowers and Flowers = Flowers



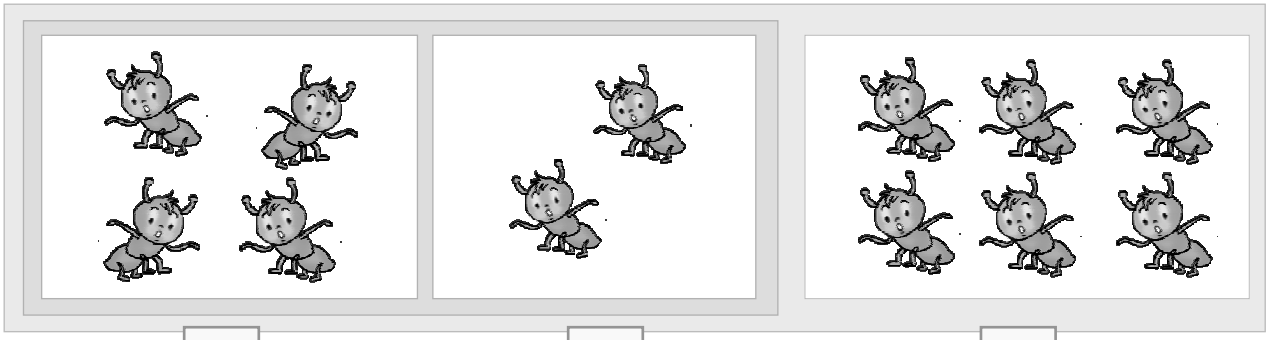
Birds and Birds = Birds

How many altogether?



6 and 2 = 8

and =

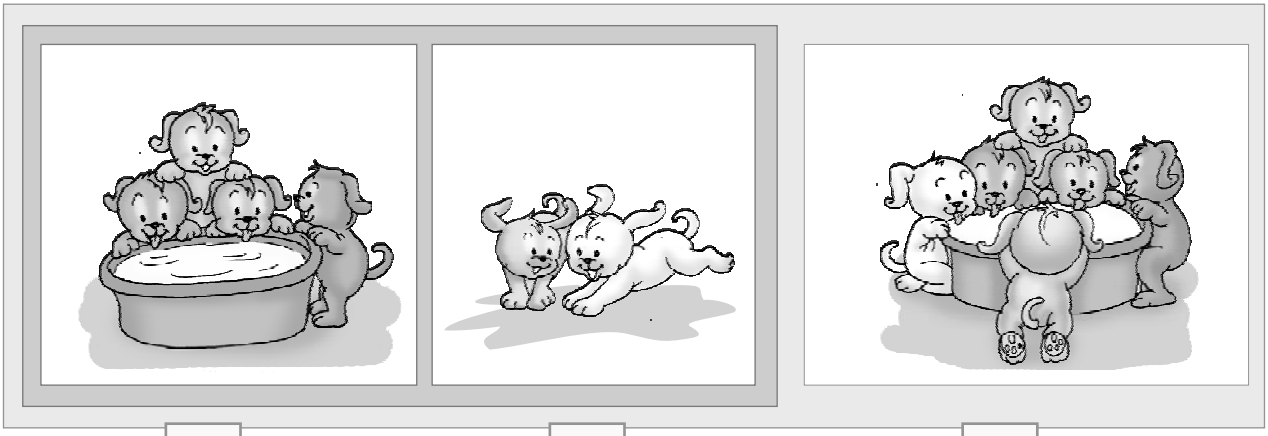


and =

and =

How many altogether?

4 + 3 = 7

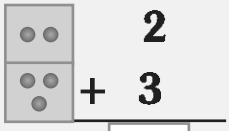


__ + __ = __

__ + __ = __

Addition

$2 + 3 = 5$



$$\begin{array}{r} 2 \\ +\ 3 \\ \hline 5 \end{array}$$

$4 + 2 =$

$$\begin{array}{r} 4 \\ +\ 2 \\ \hline \end{array}$$

$5 + 1 =$

$$\begin{array}{r} 5 \\ +\ 1 \\ \hline \end{array}$$

$3 + 6 =$

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

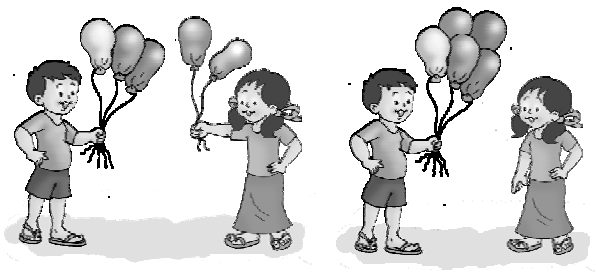
$7 + 0 =$

$$\begin{array}{r} 7 \\ +\ 0 \\ \hline \end{array}$$

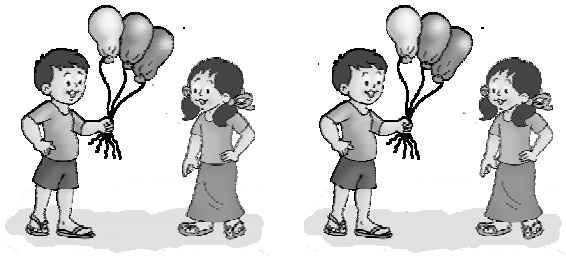
$0 + 9 =$

$$\begin{array}{r} 0 \\ +\ 9 \\ \hline \end{array}$$

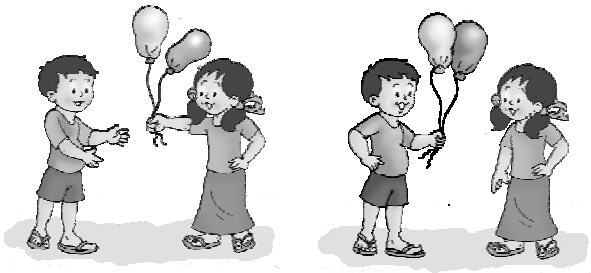
Addition



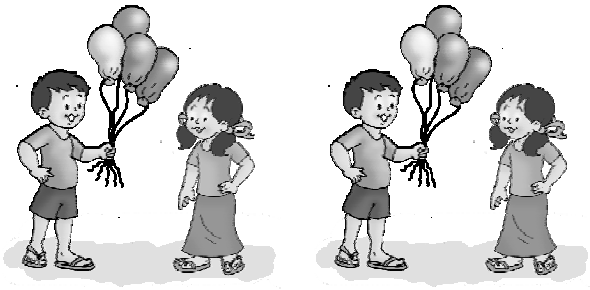
3 + 2 = 5 balloons



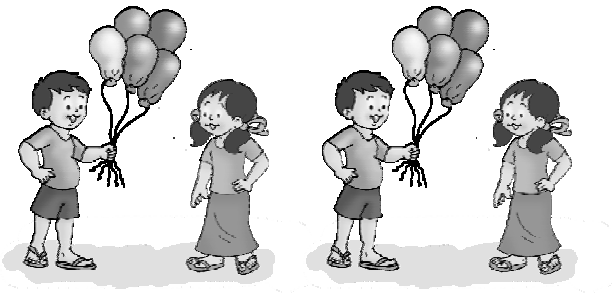
3 + 0 = 3 balloons



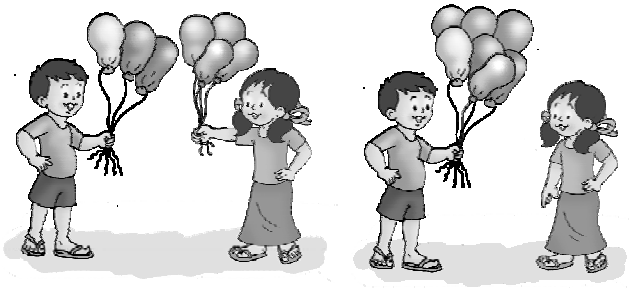
0 + 2 = ☐



4 + 0 = ☐

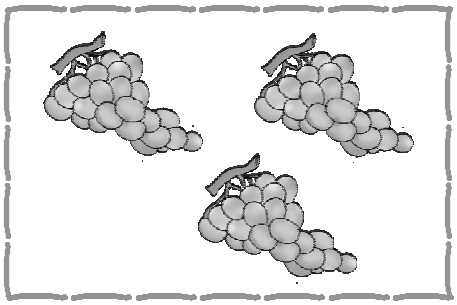


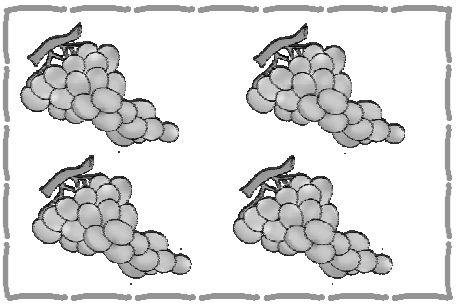
5 + 0 = ☐



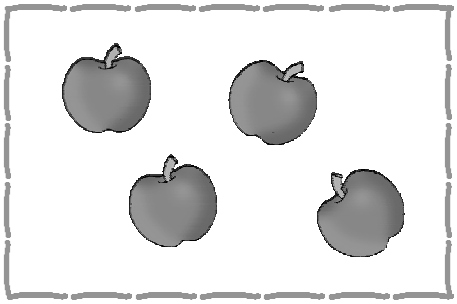
3 + 4 = ☐

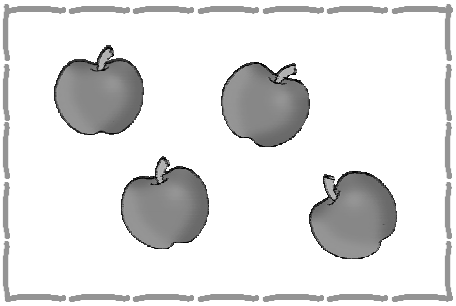
Addition



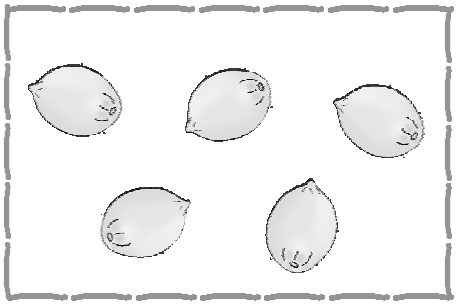


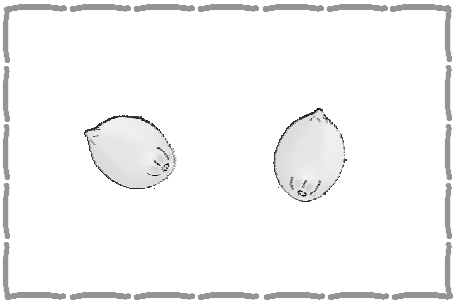
3 + 4 = 7



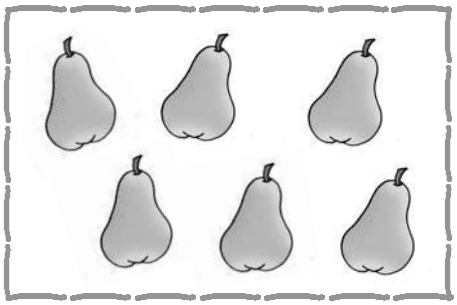


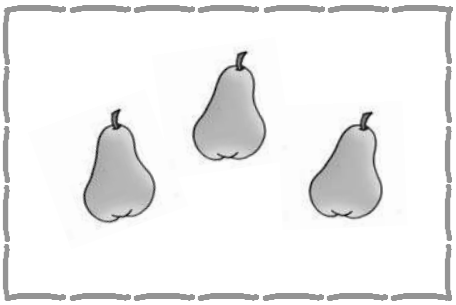
__ + __ = __





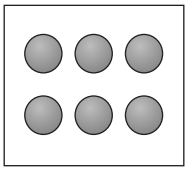
__ + __ = __

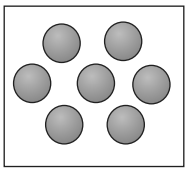


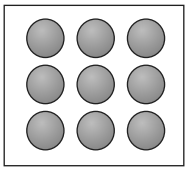


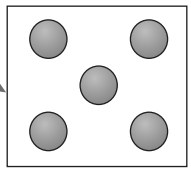
__ + __ = __

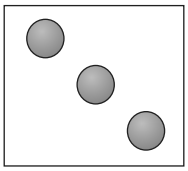
Add and Match

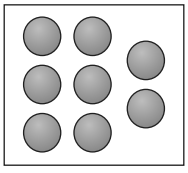


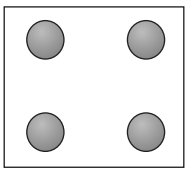












3 + 2

3 + 3

4 + 2

2 + 3

3 + 4

0 + 8

8 + 0

3 + 6

6 + 3

5 + 2

2 + 1

1 + 2

1 + 3

3 + 1

Add

$2 + 7 =$ ☐

$3 + 5 =$ ☐

$4 + 0 =$ ☐

$2 + 2 =$ ☐

$1 + 3 =$ ☐

$4 + 1 =$ ☐

$0 + 2 =$ ☐

$3 + 4 =$ ☐

$$\begin{array}{r} 3 \\ +\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ +\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ +\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 1 \\ +\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ +\ 0 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\ 4 \\ \hline \end{array}$$

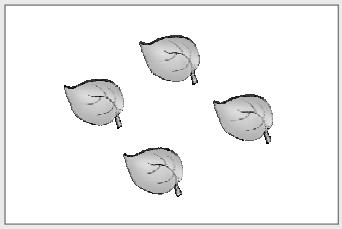
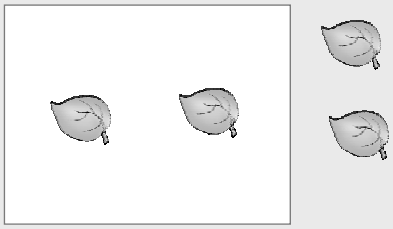
Write the missing numerals

☐	+	☐	= 5	☐	+	☐	= 6
☐	+	☐	= 7	☐	+	☐	= 3
☐	+	☐	= 4	☐	+	☐	= 9
☐	+	☐	= 8	☐	+	☐	= 1

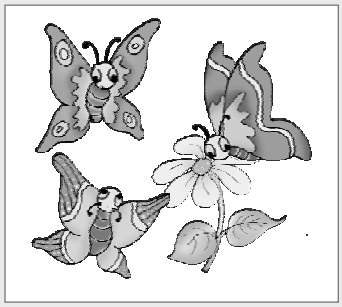
4 Subtraction

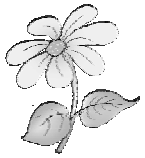
Take Away

5 Take away 2 Left 3

4 Take away 2 Left



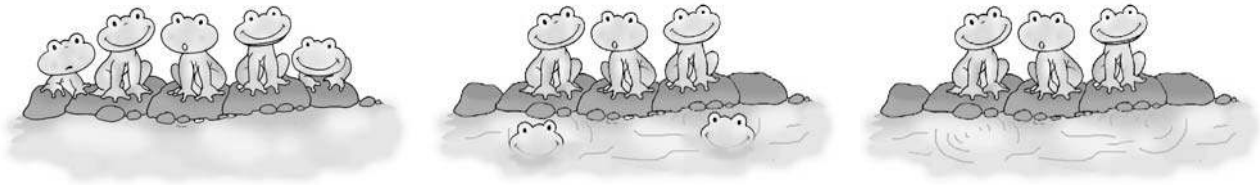


Take away Left

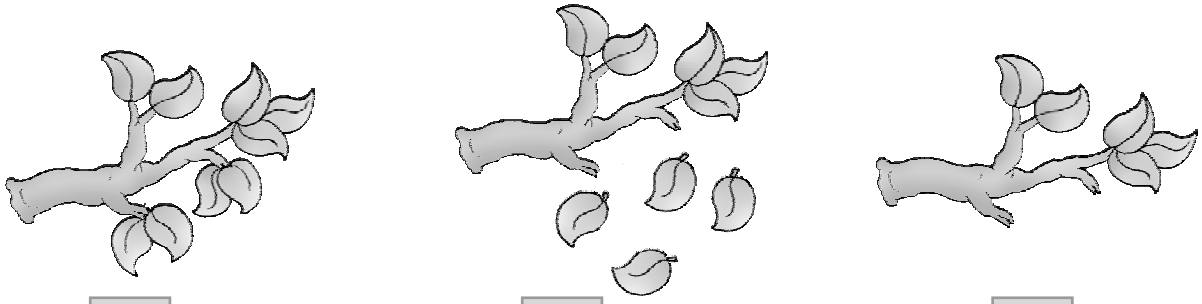
Take Away Left

Subtraction

6 – 4 = 2



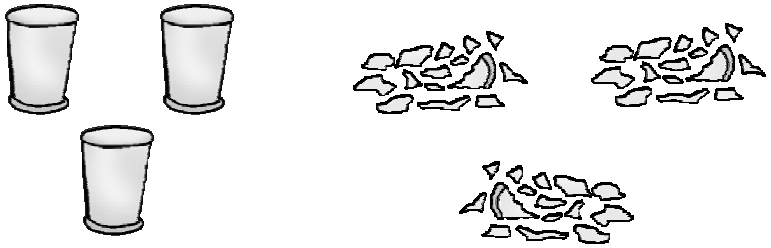
5 – 2 = ☐



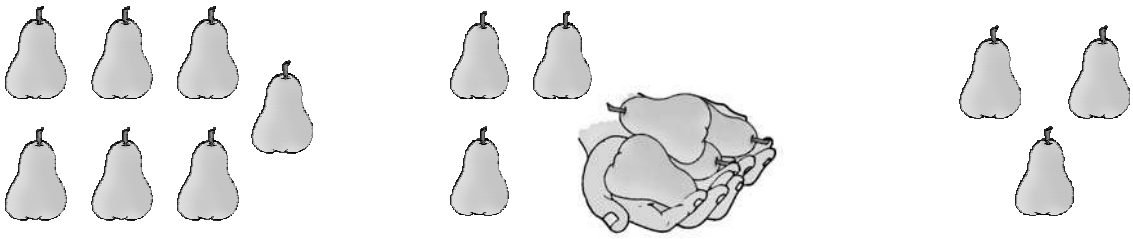
9 – 4 = ☐

5 – 1 = ☐

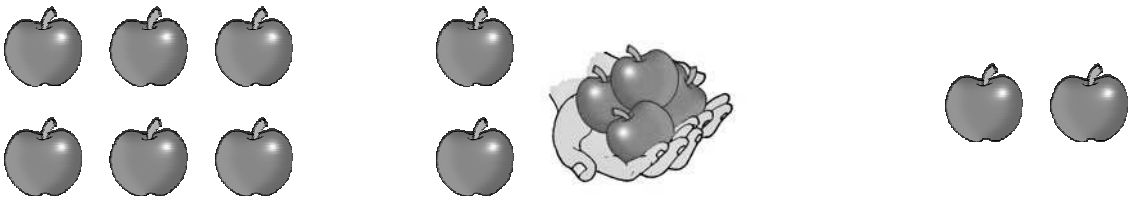
Subtraction



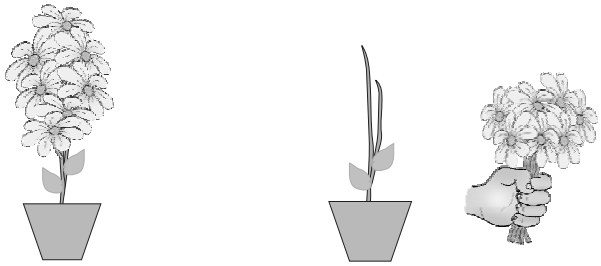
□ — □ = □



□ — □ = □

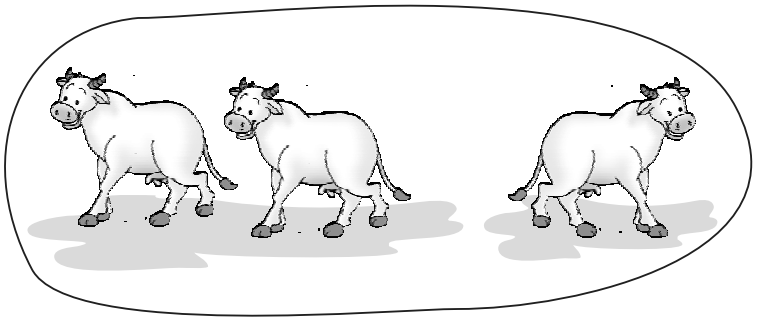


□ — □ = □

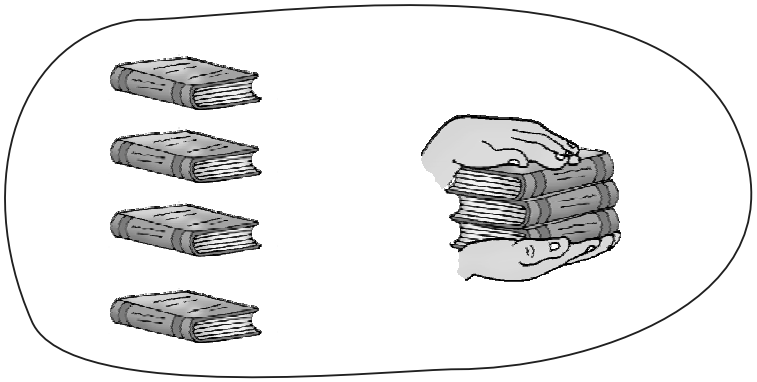


□ — □ = □

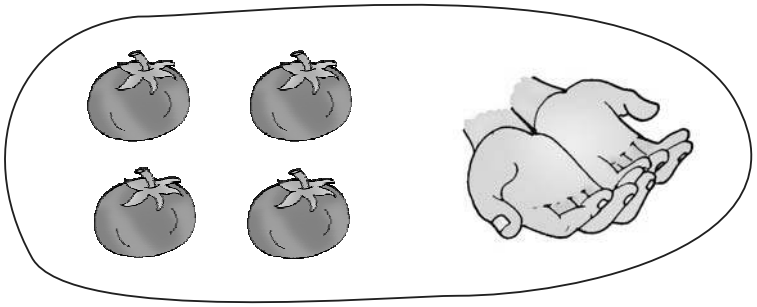
Subtraction



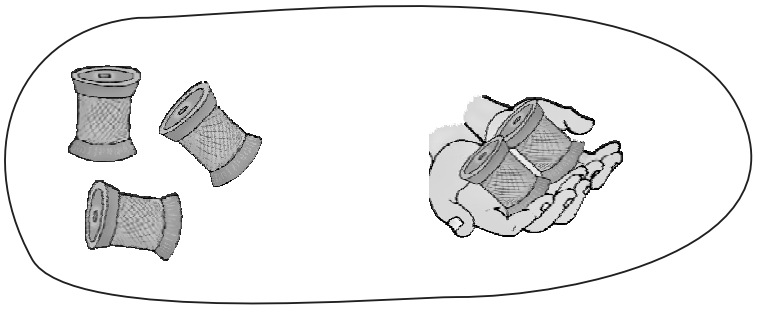
3 − 1 = 2



□ − □ = □



□ − □ = □

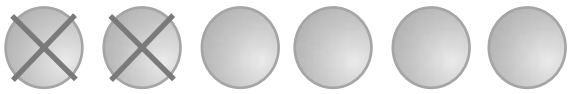


□ − □ = □

Subtraction

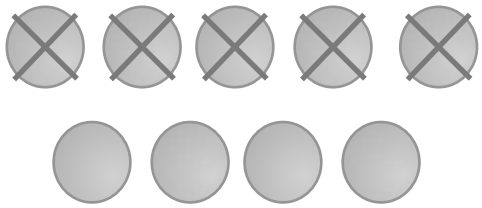
5 − 4 = 1

$$\begin{array}{r} 5 \\ -\ 4 \\ \hline 1 \end{array}$$



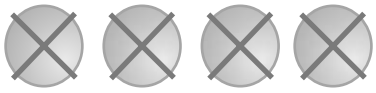
6 − 2 = ____

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



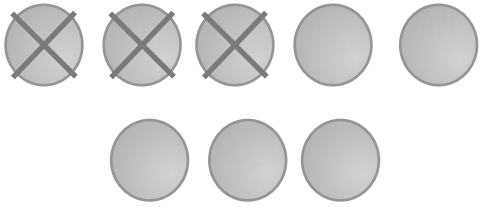
9 − 5 = ____

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



4 − 4 = ____

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



8 − 3 = ____

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

Subtract and Match

4 – 2	3	9 – 5
7 – 2	4	8 – 2
9 – 1	2	7 – 4
5 – 1	5	8 – 0
6 – 3	6	5 – 3
7 – 1	8	8 – 3
5 – 0	0	7 – 7

Subtract

4 – 2 = 2

5 – 2 = ____

7 – 7 = ____

8 – 4 = ____

3 – 1 = ____

4 – 0 = ____

6 – 5 = ____

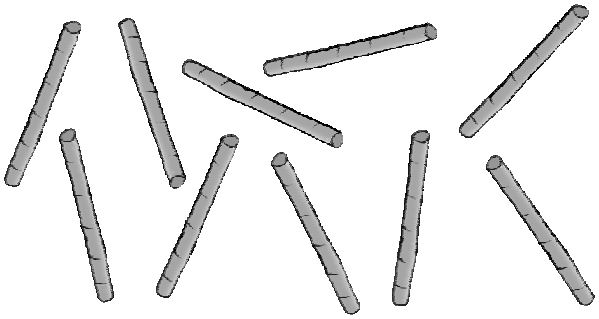
$$\begin{array}{r} 2 \\ -\ 0 \\ \hline 2 \end{array} \qquad \begin{array}{r} 9 \\ -\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ -\ 0 \\ \hline \end{array}$$

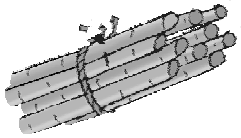
$$\begin{array}{r} 8 \\ -\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ -\ 4 \\ \hline \end{array} \qquad \begin{array}{r} 4 \\ -\ 2 \\ \hline \end{array}$$

Write the missing numbers

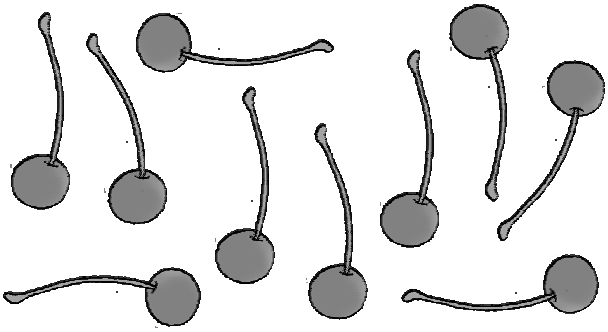
8	−		= 7		−	2	= 3
5	−		= 1		−	3	= 5
3	−		= 3		−	2	= 0
9	−	2	=		−	2	= 7

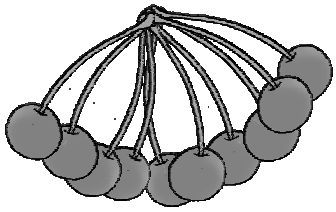
5 Numbers from Ten to Twenty



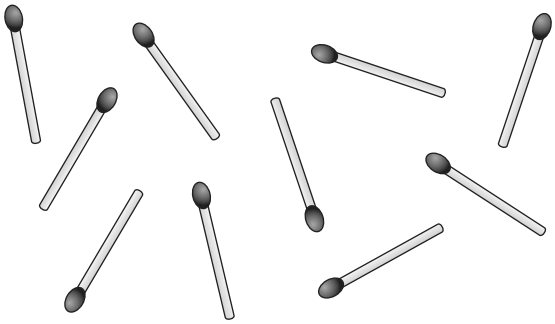


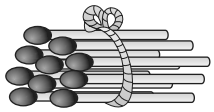
a bundle of TEN



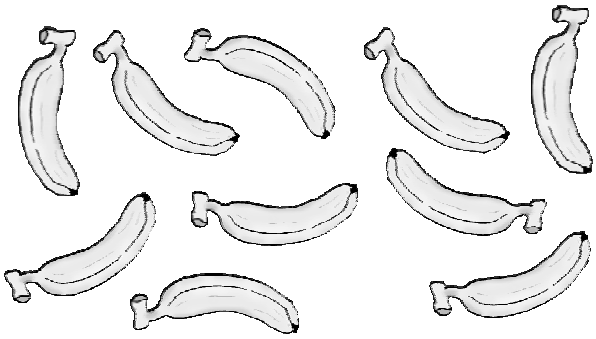


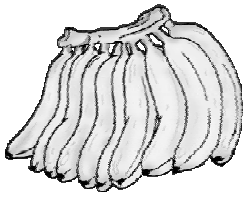
a bundle of TEN





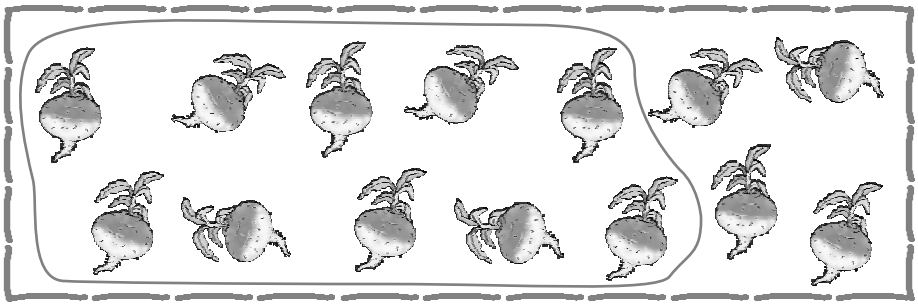
a bundle of TEN

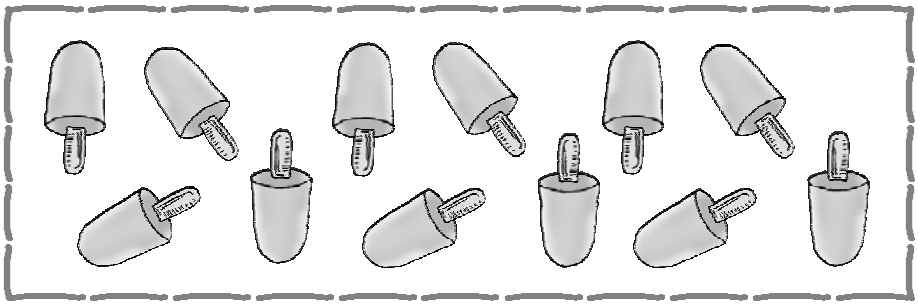


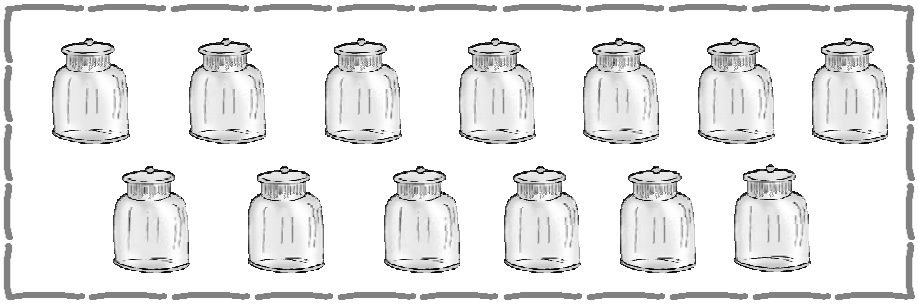


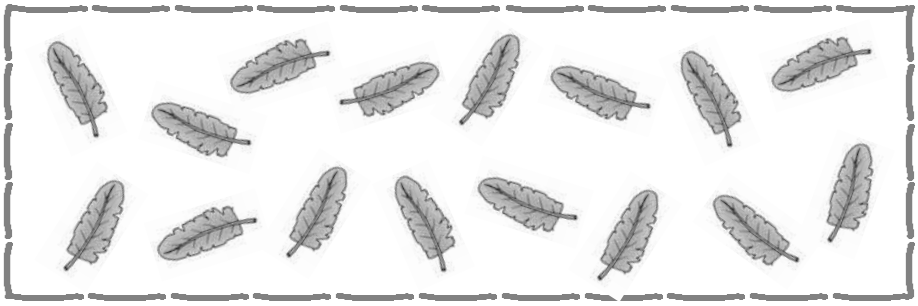
a bundle of TEN

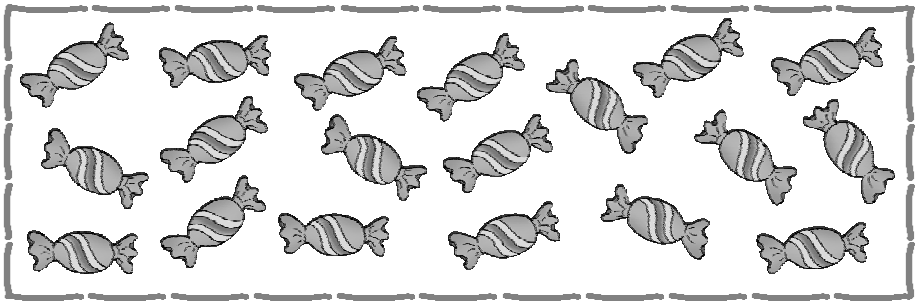
Make a group of 10.



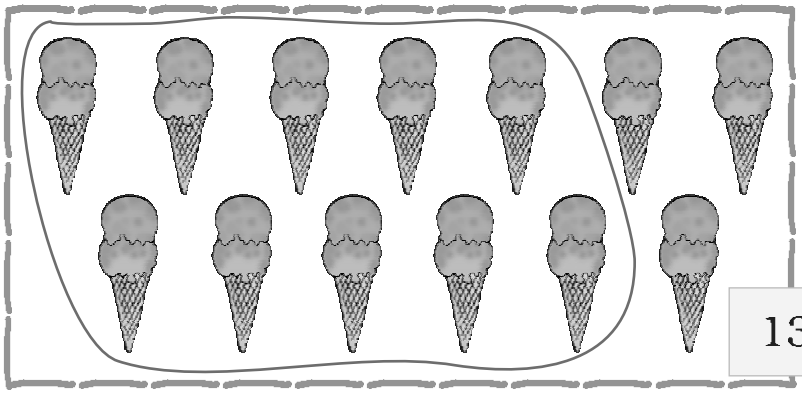






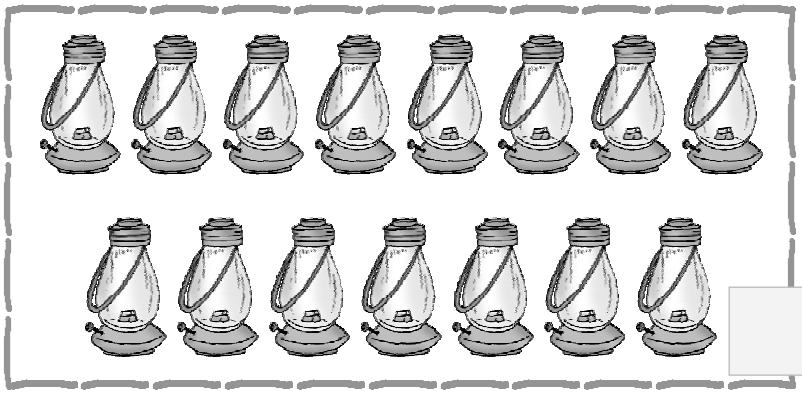


Make a group of 10 and write numbers.

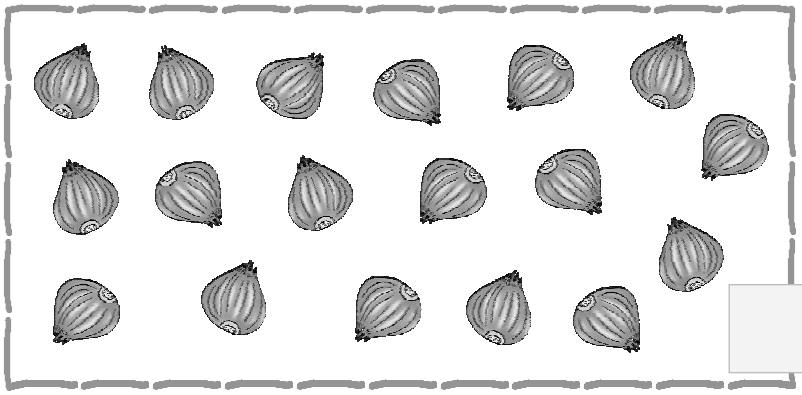


13

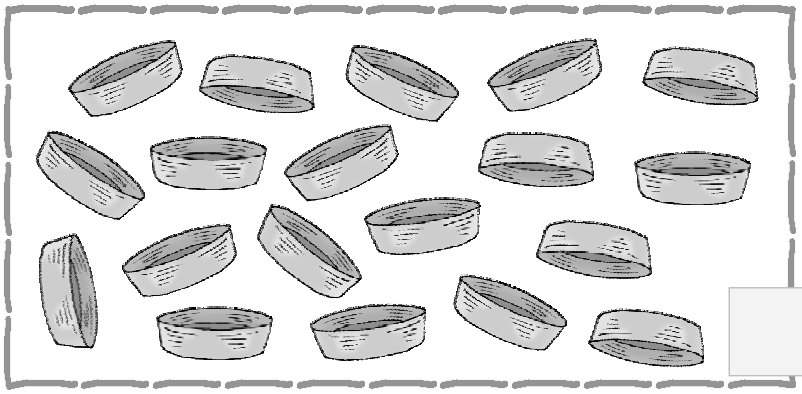
Ten	Ones
1	3



Ten	Ones

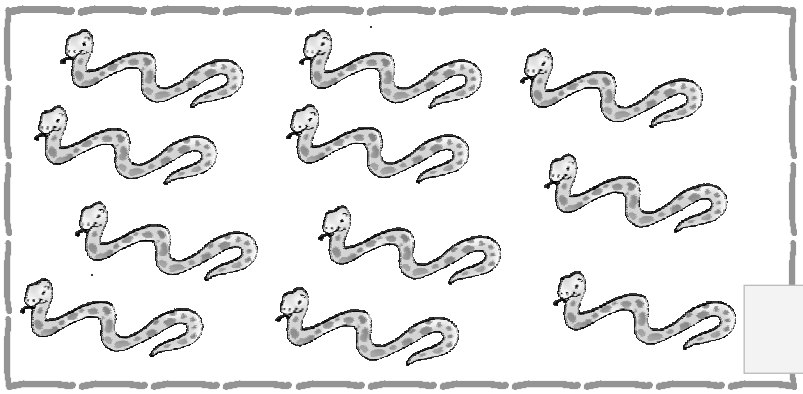


Ten	Ones

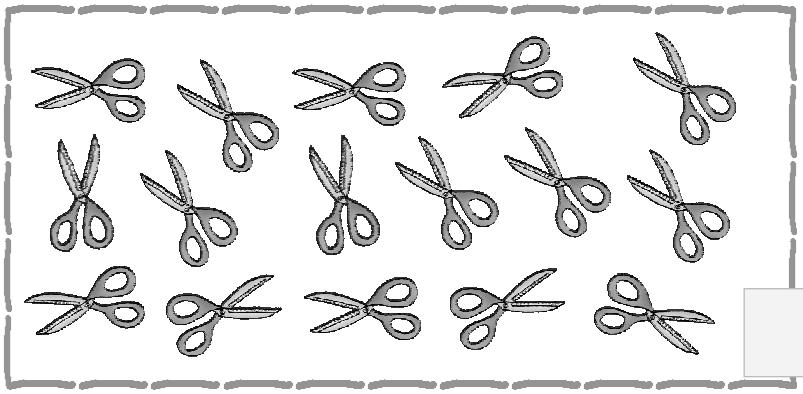


Ten	Ones

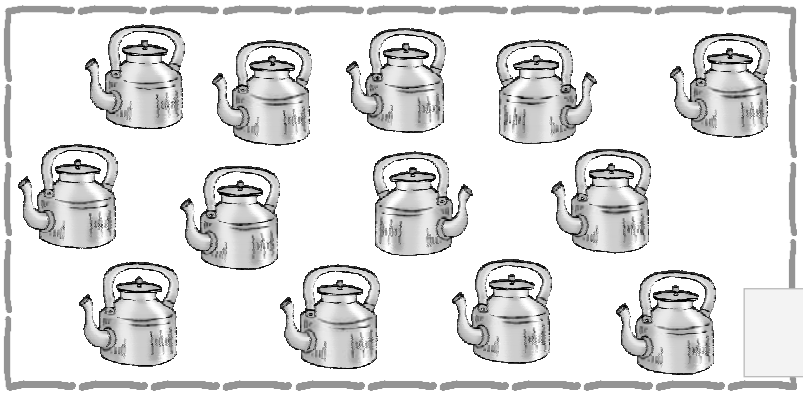
Make a group of 10.



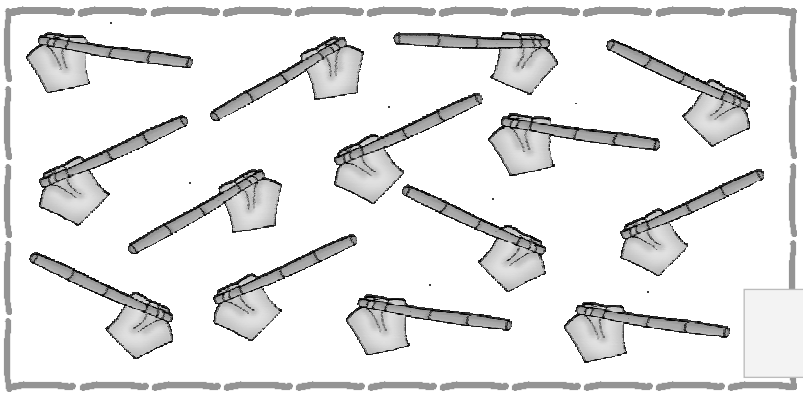
Ten	Ones



Ten	Ones



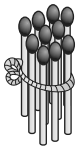
Ten	Ones



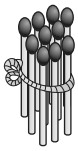
Ten	Ones

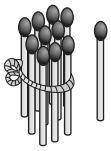
Counting from 10 to 20

Fill in the blanks.

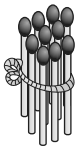
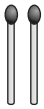
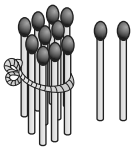


9 + 1 = 10

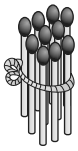


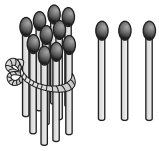


10 + 1 =

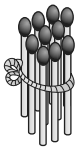
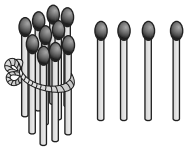




10 + 2 = 12



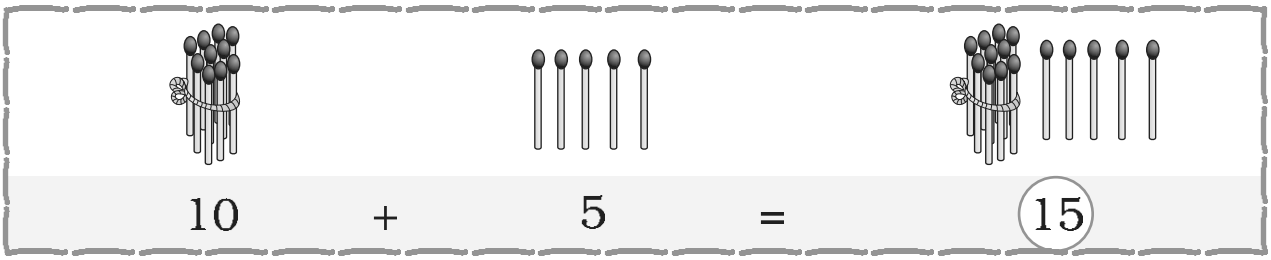


10 + 3 =

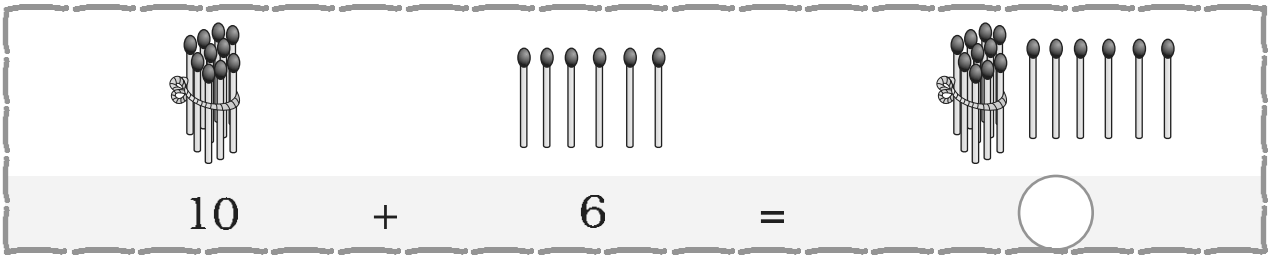



10 + 4 = 14

Fill in the blanks.

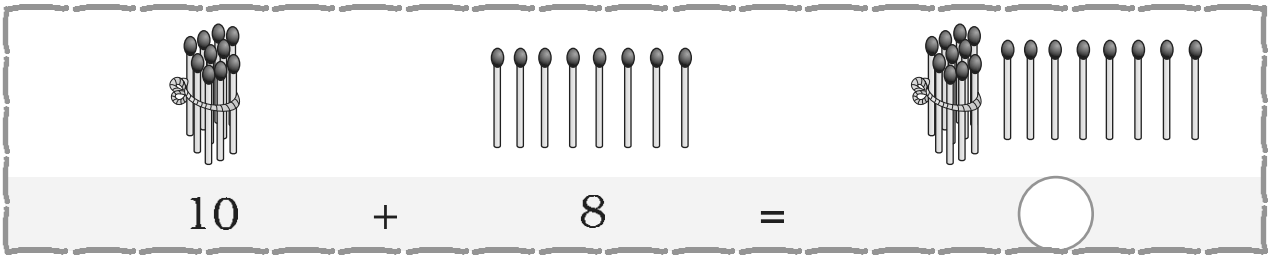


10 + 5 = 15

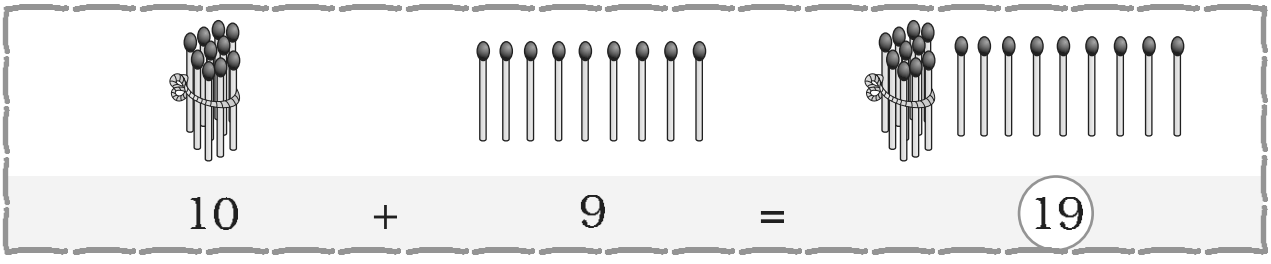


10 + 6 = ◯

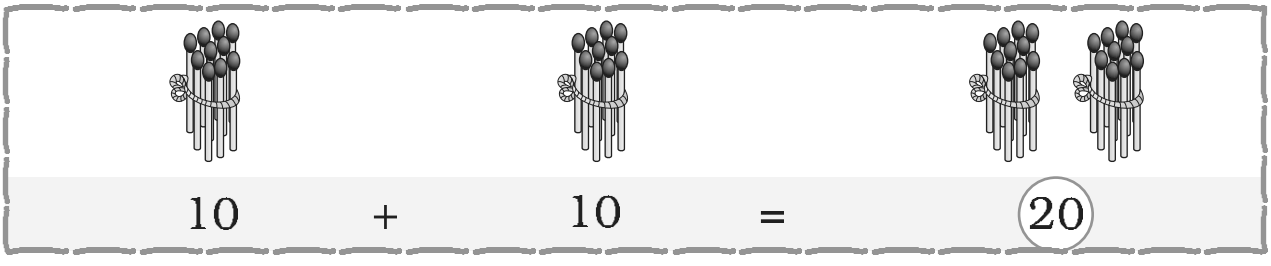
10 + 7 = 17



10 + 8 = ◯

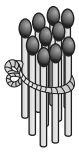


10 + 9 = 19



10 + 10 = 20

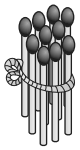
Complete the table



= 10

1 ten

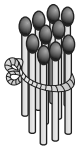
10	10			

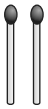


= 11

1 ten 1 one

11	11			



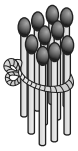


= 12

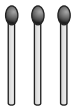
1 ten 2 ones

12	12			

Complete the table

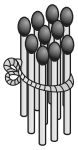


1 ten



3 ones = 13

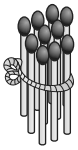
13	13			



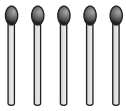
1 ten

4 ones = 14

14	14			



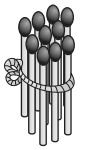
1 ten



5 ones = 15

15	15			

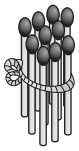
Complete the table


1 ten

6 ones

= 16

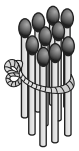
16	**16**			


1 ten

7 ones

= 17

17	17			

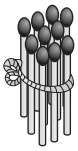
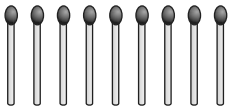

1 ten

8 ones

= 18

18	18			

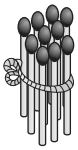
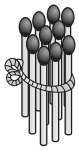
Complete the table

= 19

1 ten 9 ones

19	19			

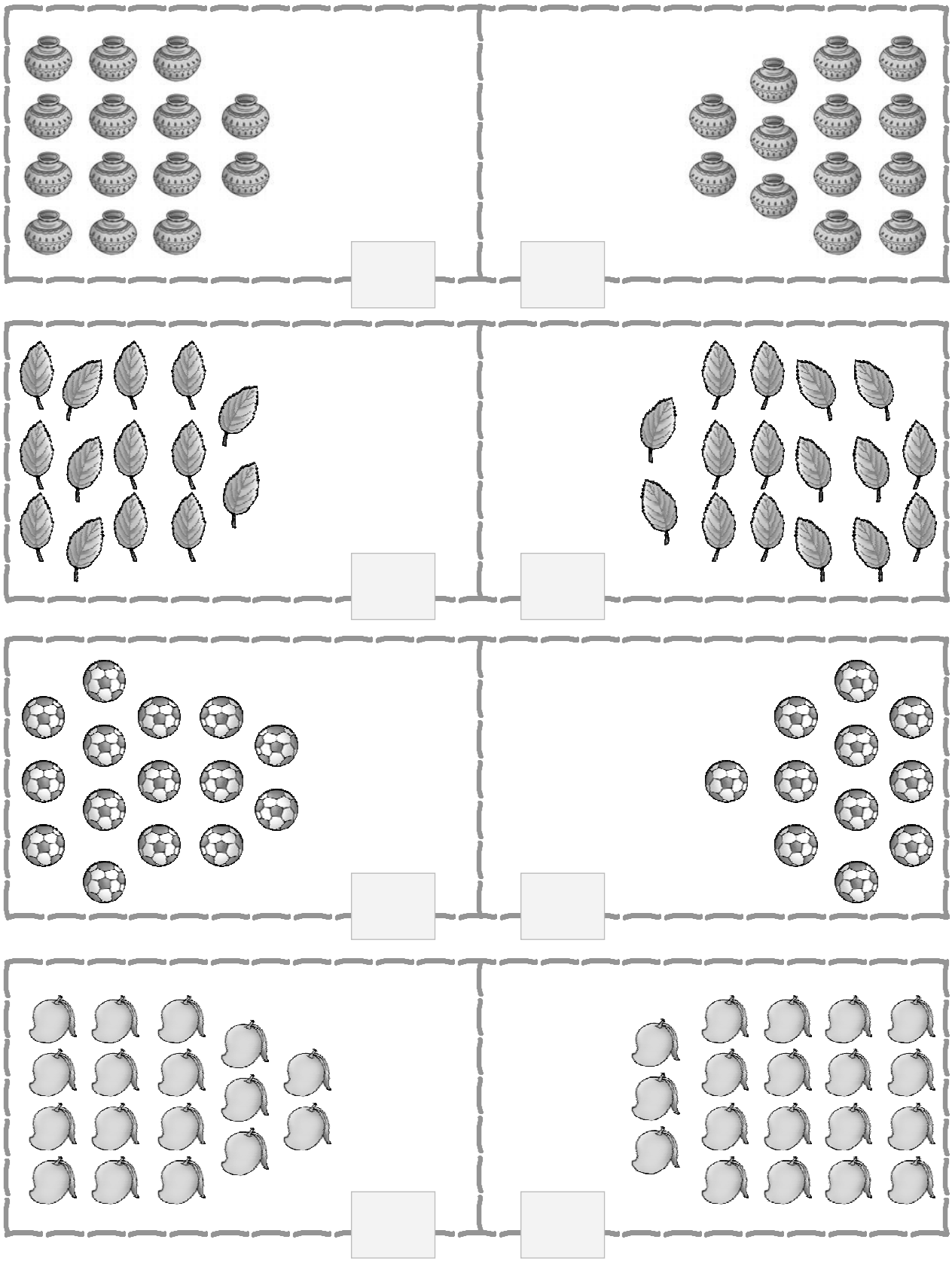



= 20

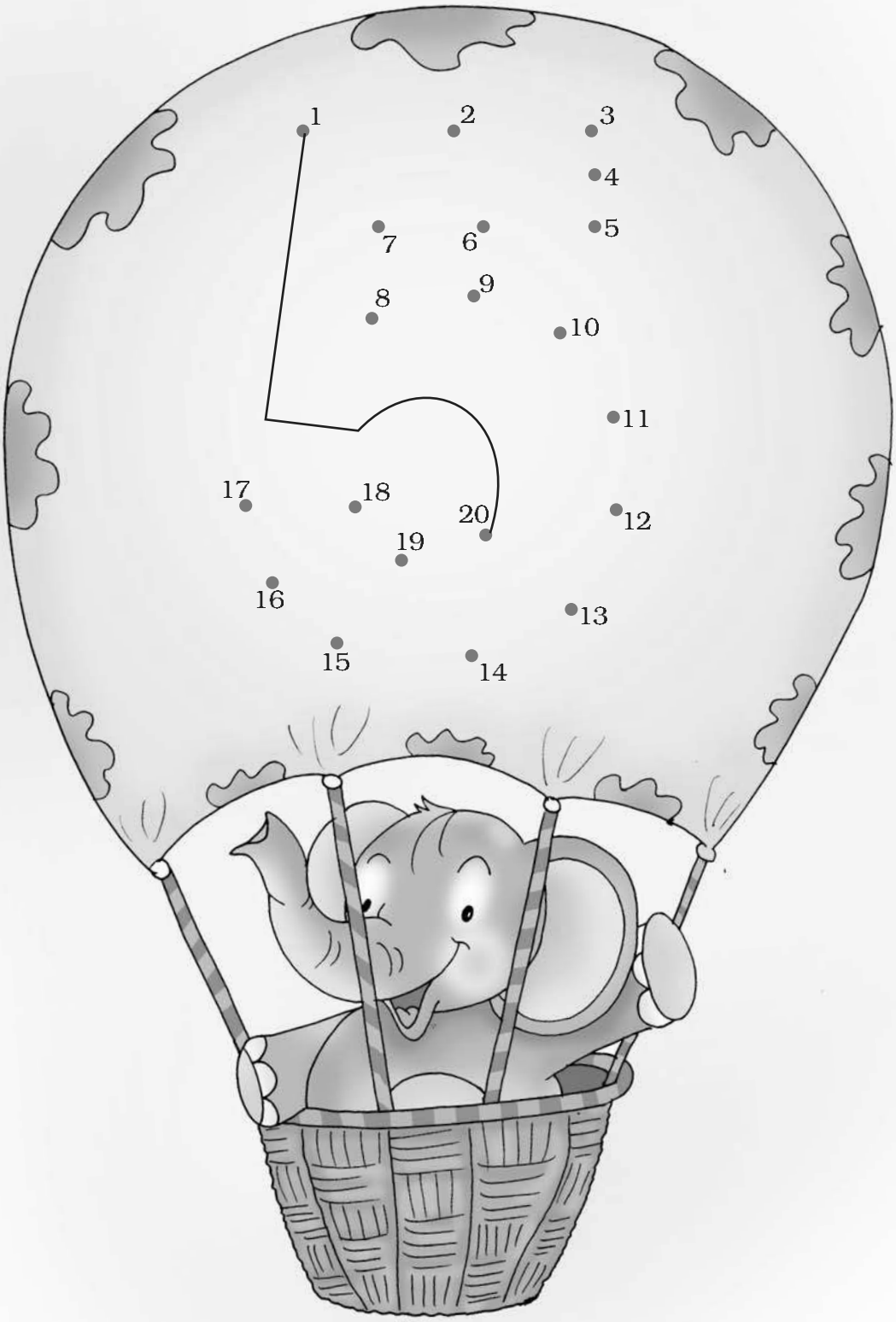
1 ten 1 ten 2 tens

20	20			

Tick(✓) the group with more objects.



Join in order.



Write the missing numbers.

10		12			15					

16		18

13		15

What comes after 18?

18		

What comes after 14?

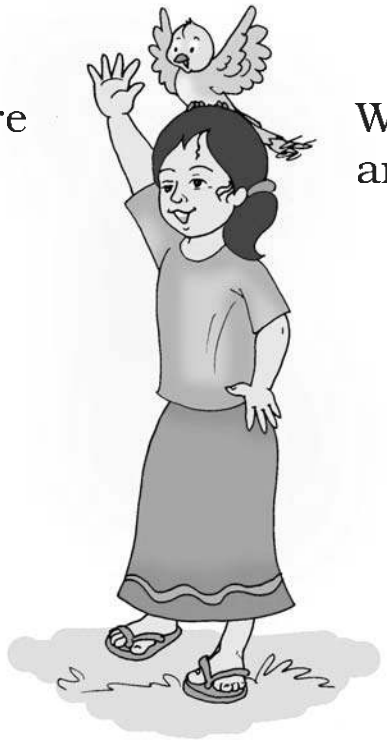
14		

What comes before 16?

	16	17

Write numbers before and after 9?

	9	



Write numbers before and after 18?

	18	

Write numbers before and after 10?

	10	

Circle the bigger number.

11 **13**	13 15	18 8
12 8	17 7	11 10
16 6	1 11	9 19

Circle the smaller number.

20 **10**	6 4	10 12
11 9	5 15	12 2
16 17	9 10	15 13

Circle the biggest number.

13 3 9	12 15 20
10 5 12	11 12 13
19 18 17	13 16 14

Circle the smallest number.

7 2 4	14 16 12
15 7 20	19 8 9
1 10 20	16 15 14

Addition

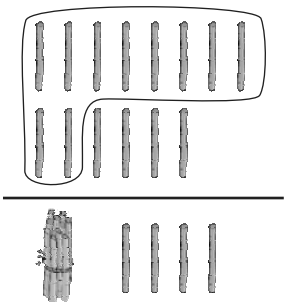
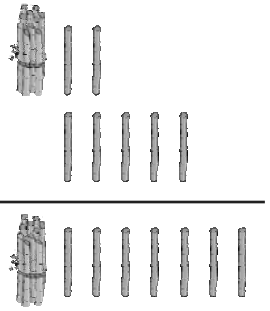
$4 + 5 =$ ☐

$0 + 3 =$ ☐

$5 + 2 =$ ☐

$6 + 2 =$ ☐

$$\begin{array}{r} 6 \\ +\ 2 \\ \hline \square \end{array} \qquad \begin{array}{r} 0 \\ +\ 5 \\ \hline \square \end{array} \qquad \begin{array}{r} 1 \\ +\ 7 \\ \hline \square \end{array}$$

8 + 6 = 14		12 + 5 = 17	

8 + 7 =		11 + 15 =	
9 + 9 =		4 + 12 =	
8 + 5 =		13 + 5 =	
6 + 7 =		0 + 14 =	

5 + 9 =	7 + 8 =	5 + 5 =	12 + 7 =

1. Rahul has 8 pencils. Sonu has 7 pencils. How many pencils do they have altogether?

2. Farida plucked 4 apples. Sita plucked 6 apples. Both put them together. How many apples are there now?

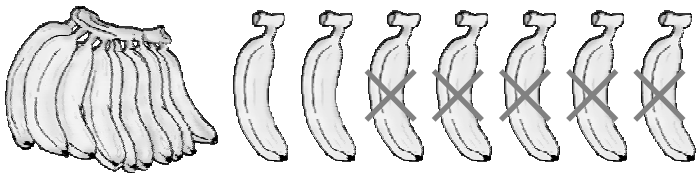
Subtraction

$7 - 4 =$ ☐ $9 - 8 =$ ☐

$2 - 2 =$ ☐ $6 - 2 =$ ☐

$$\begin{array}{r} 8 \\ -\ 4 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -\ 5 \\ \hline \square \end{array} \qquad \begin{array}{r} 4 \\ -\ 0 \\ \hline \square \end{array}$$

$$\begin{array}{r} 17 \\ -\ 5 \\ \hline 12 \end{array}$$



$15 - 4 =$ ☐ $17 - 2 =$ ☐

$19 - 7 =$ ☐ $12 - 1 =$ ☐

18 – 8 = ☐

14 – 3 = ☐

17 – 5 = ☐

12 – 4 = ☐

11 – 1 = ☐

13 – 0 = ☐

$$\begin{array}{r} 17 \\ -\ 4 \\ \hline \square \end{array} \qquad \begin{array}{r} 18 \\ -\ 3 \\ \hline \square \end{array} \qquad \begin{array}{r} 15 \\ -\ 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 19 \\ -\ 8 \\ \hline \square \end{array} \qquad \begin{array}{r} 14 \\ -\ 4 \\ \hline \square \end{array} \qquad \begin{array}{r} 13 \\ -\ 6 \\ \hline \square \end{array}$$

1. Sohan's mother brought 9 bananas from the market. She gave 4 bananas to Sohan. How many bananas was she left with?

2. Rahim had 8 flowers. He put three flowers in a vase. How many flowers was he left with?

Addition practice.

3 + 7 =

7 + 6 =

5 + 8 =

9 + 2 =

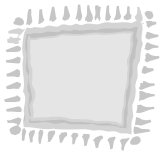
6 + 8 =

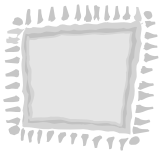
8 + 7 =

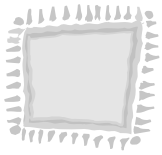
9 + 9 =

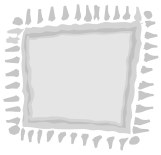
4 + 8 =

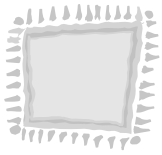
Subtraction practice.

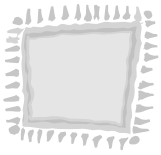
13 – 7 = 

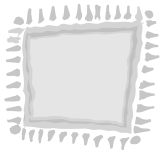
16 – 6 = 

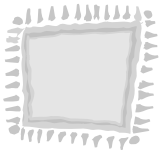
15 – 3 = 

12 – 0 = 

19 – 6 = 

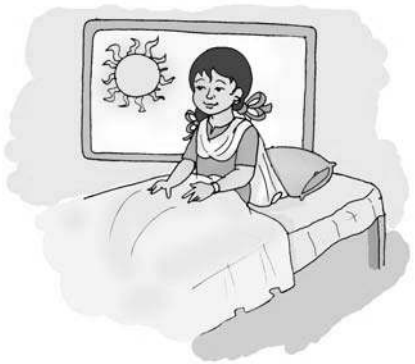
14 – 3 = 

17 – 4 = 

18 – 7 = 

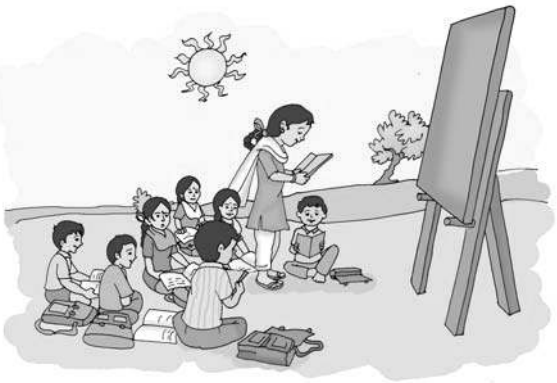
6 Time

Sampada's Day



1. Get up for school

2. Eat breakfast



3. Read a story in school

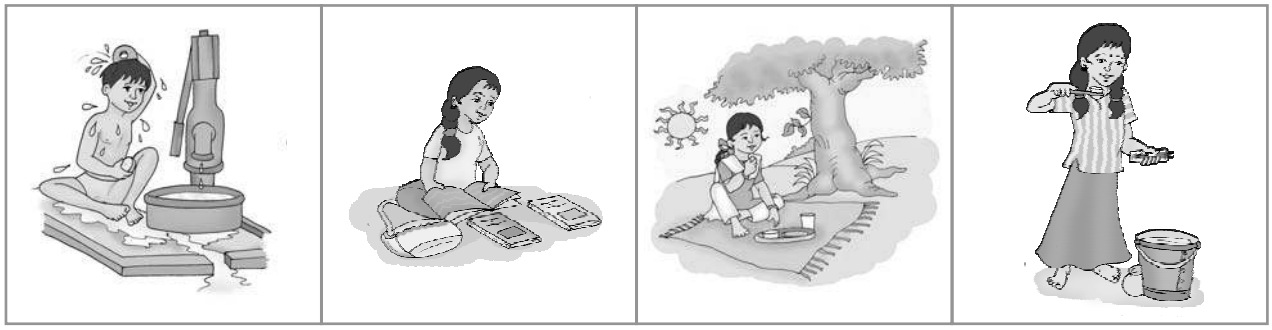
4. Eat lunch

5. Play

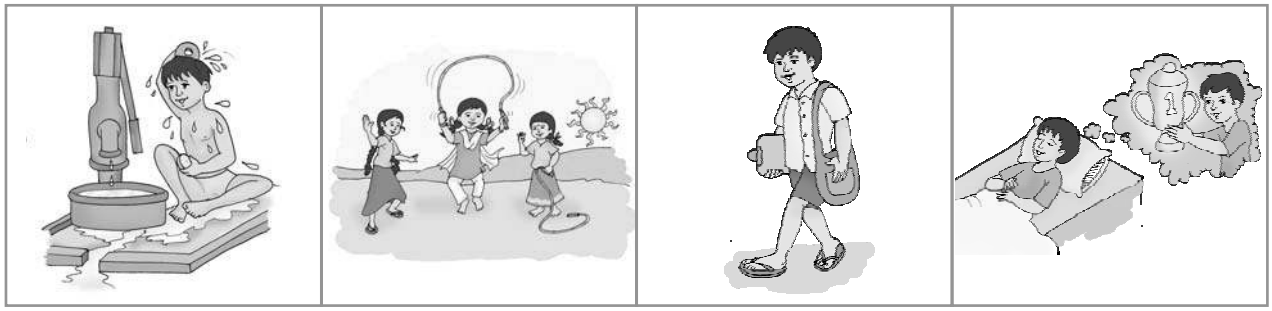
6. Study

7. Go to bed

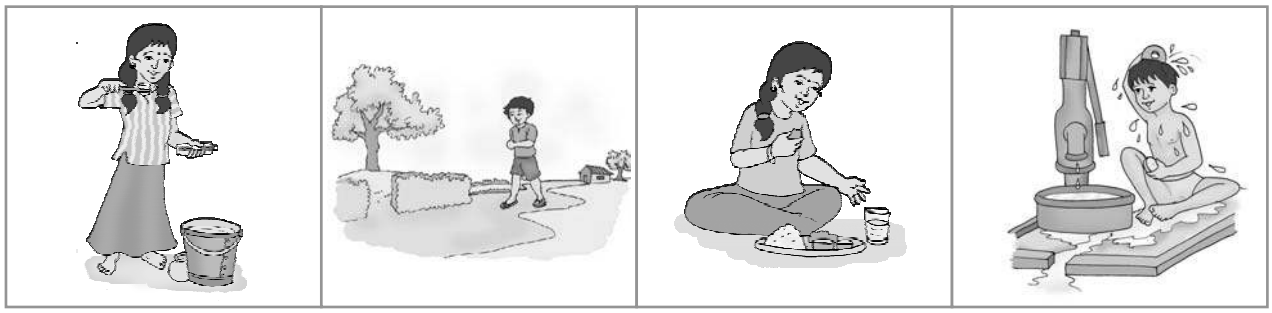
Tick(✓) the activities that you do in the morning.



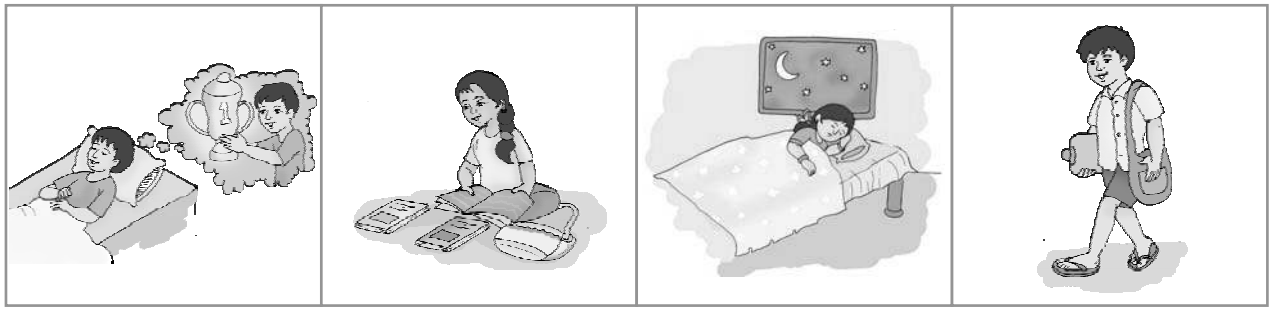
Tick(✓) the activities that you do in the evening.



Tick(✓) the activities that you do in the day.

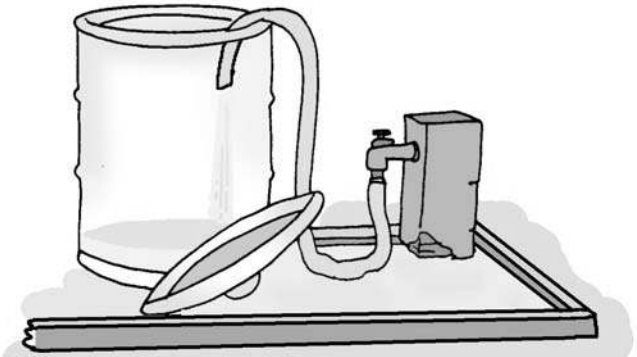


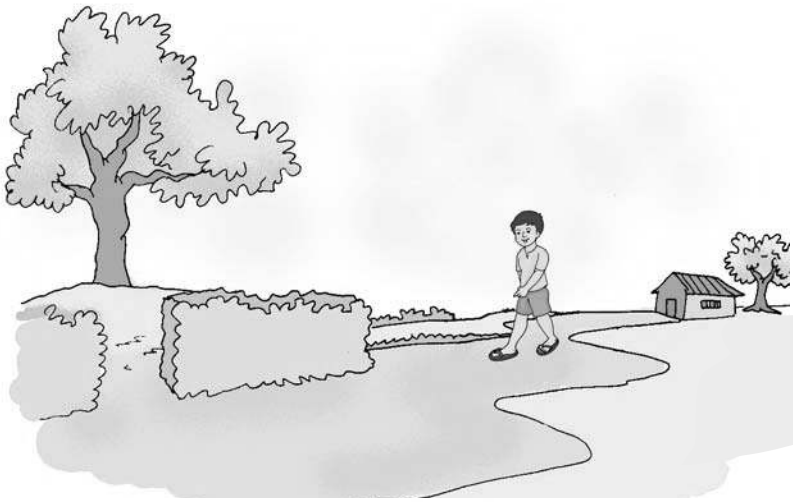
Tick(✓) the activities that you do at night.



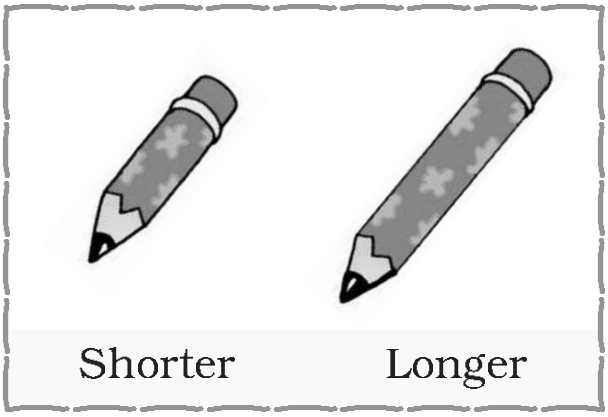
Number the activities in sequence.

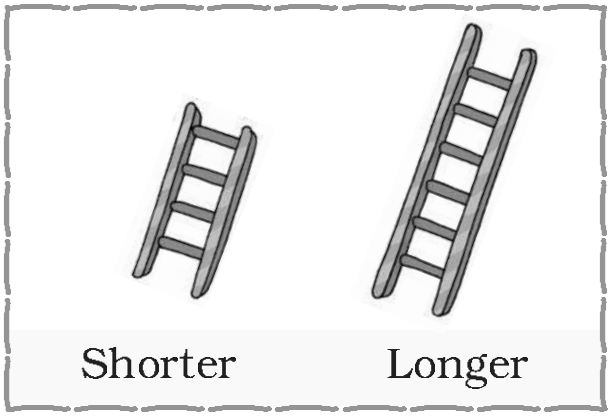
Tick(✓) the activity that will take longer.



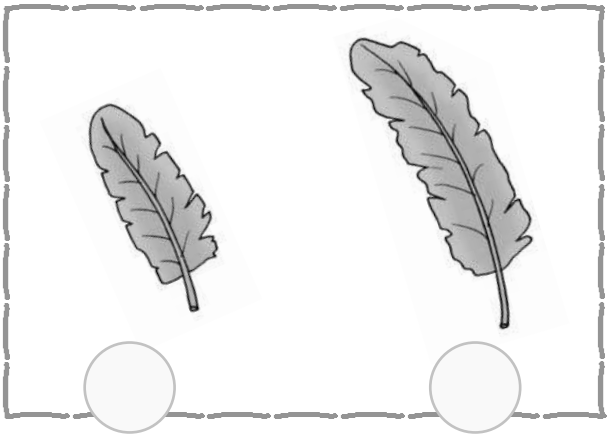


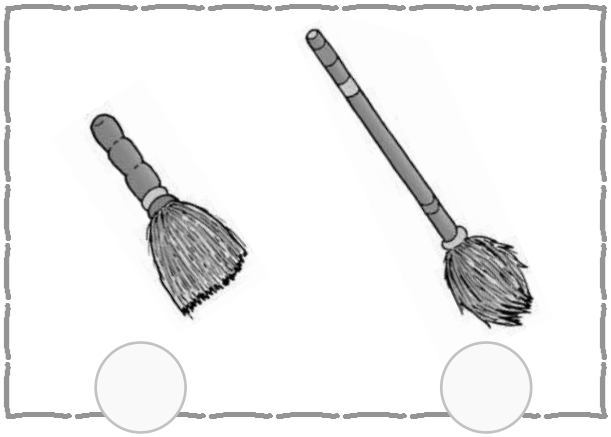
Longer – Shorter



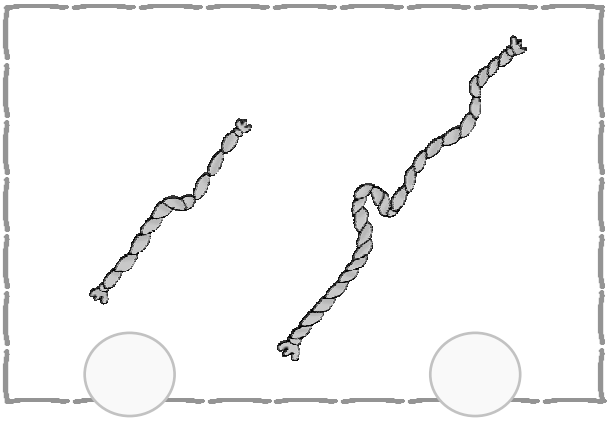


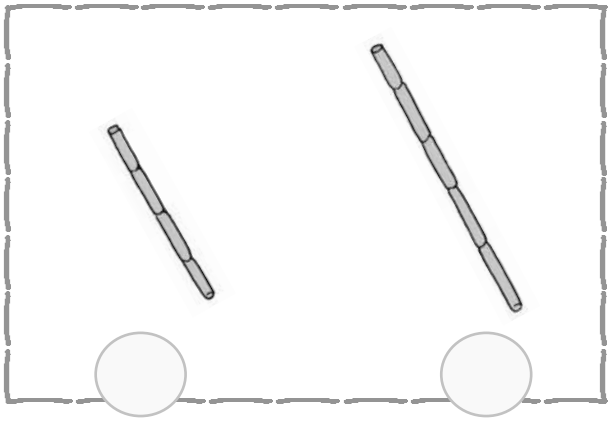
Tick (✓) the Longer.



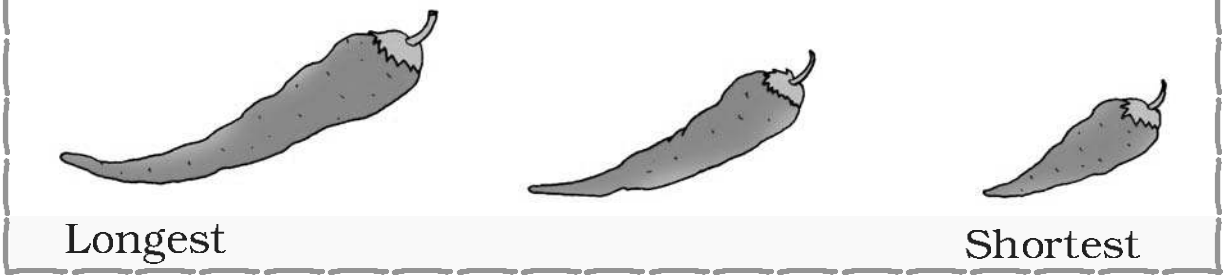


Tick (✓) the Shorter.

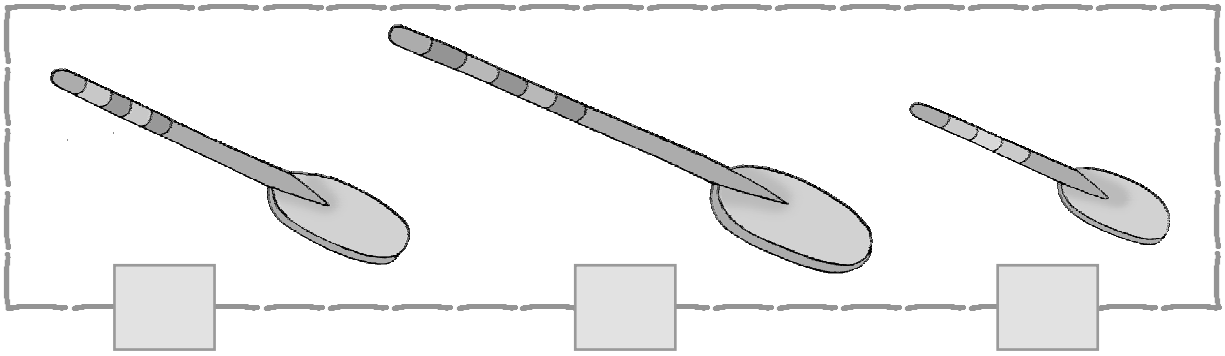


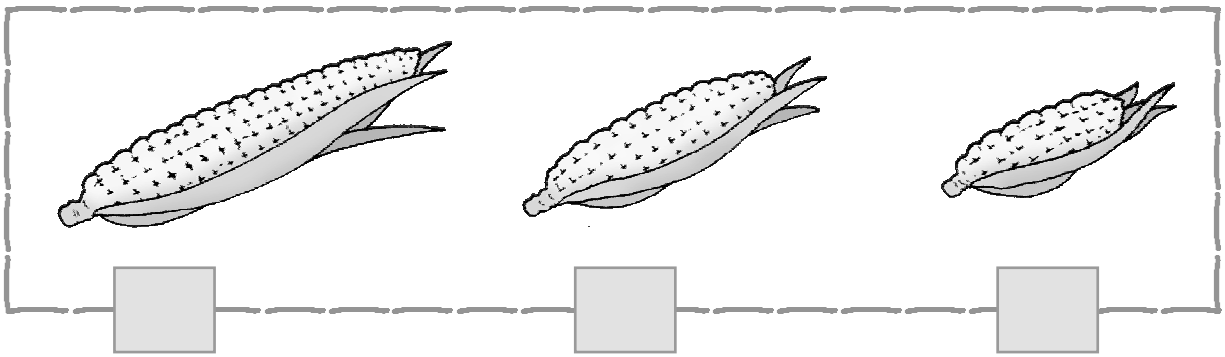


Longest - Shortest

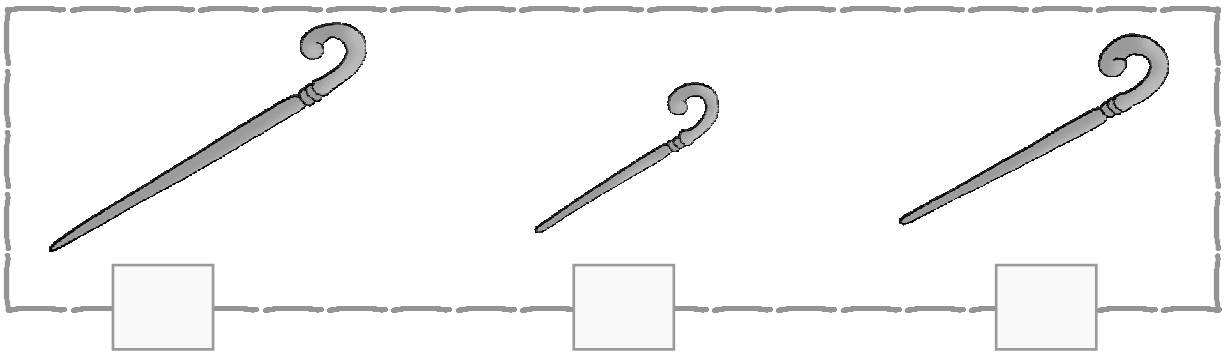


Tick (✓) the Longest.

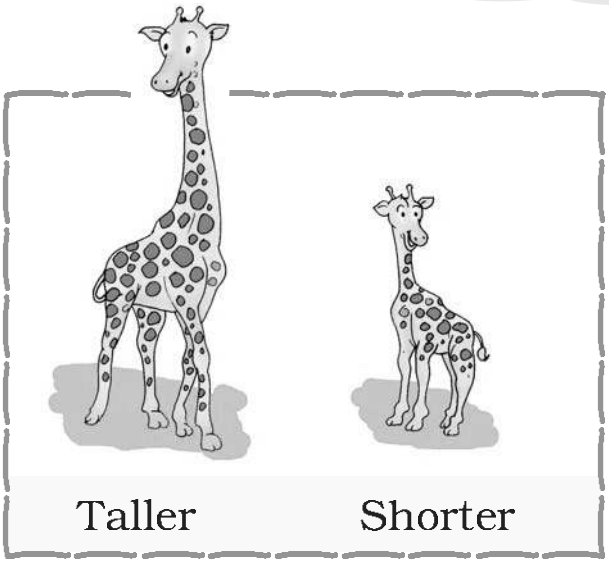




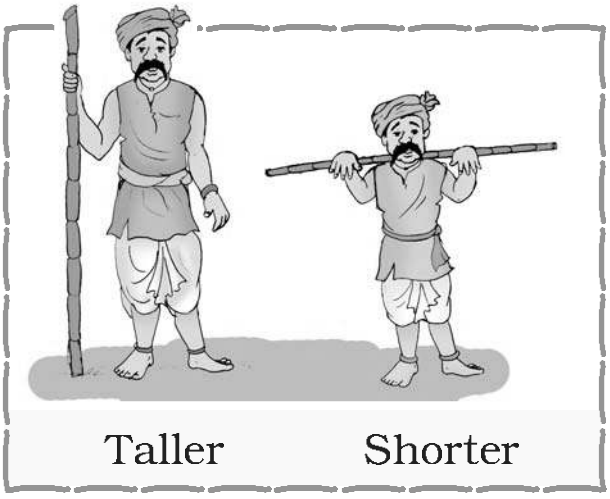
Tick (✓) the Shortest.



Taller - Shorter

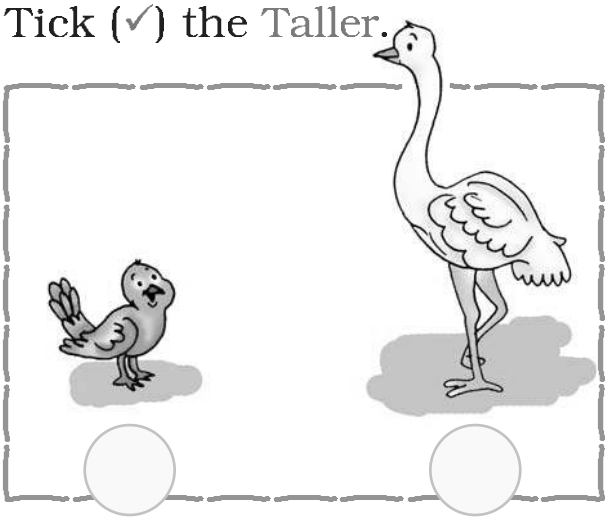


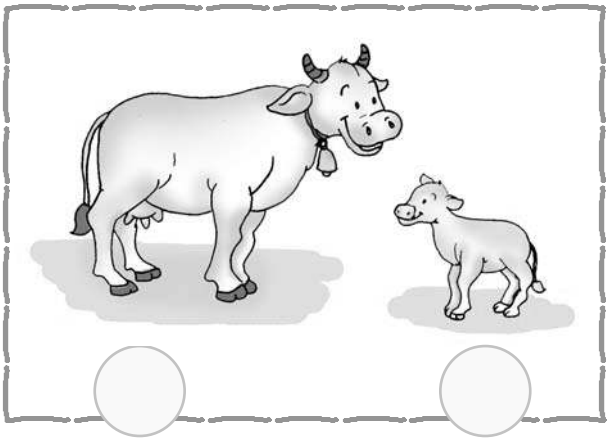
Taller Shorter



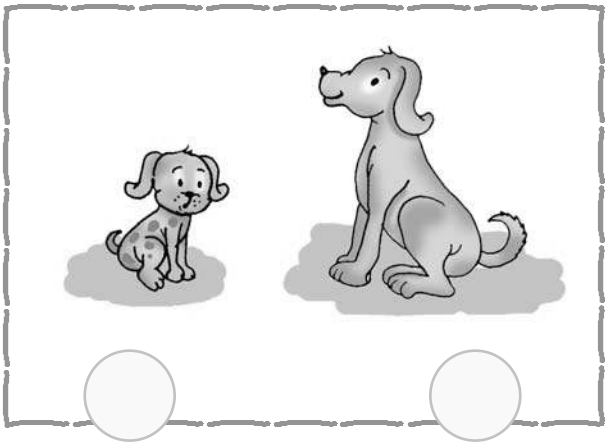
Taller Shorter

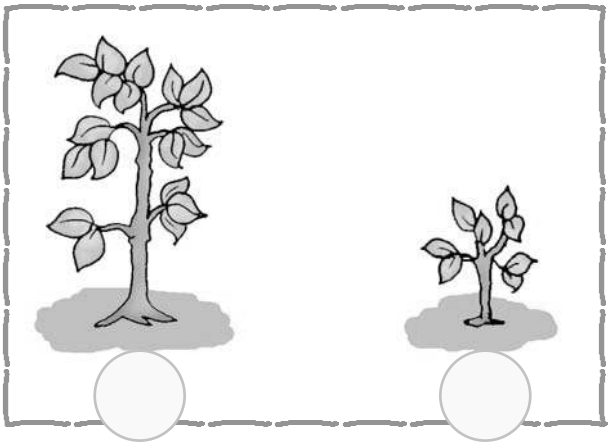
Tick (✓) the Taller.





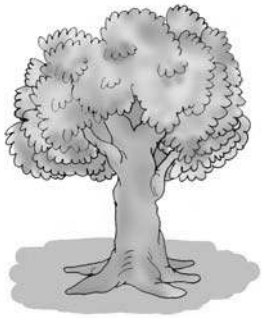
Tick (✓) the Shorter.





Tallest - Shortest

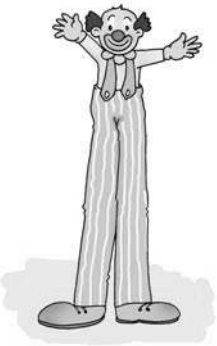
Tallest Shortest



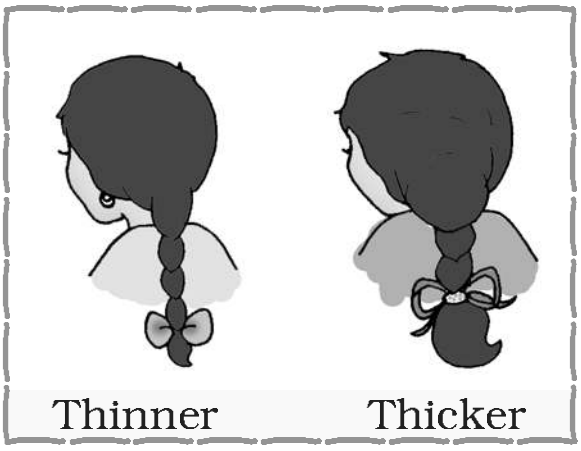
Tallest Shortest

Tick (✓) the Tallest.

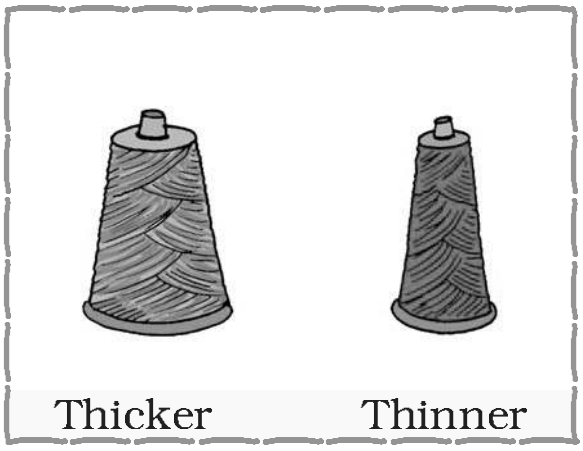
Tick (✓) the Shortest.



Thicker - Thinner

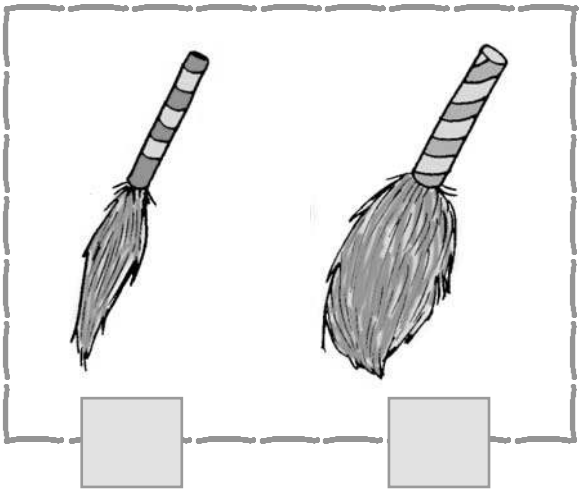


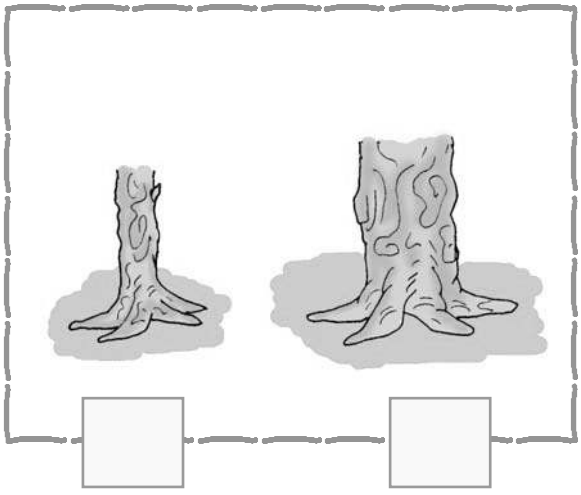
Thinner Thicker



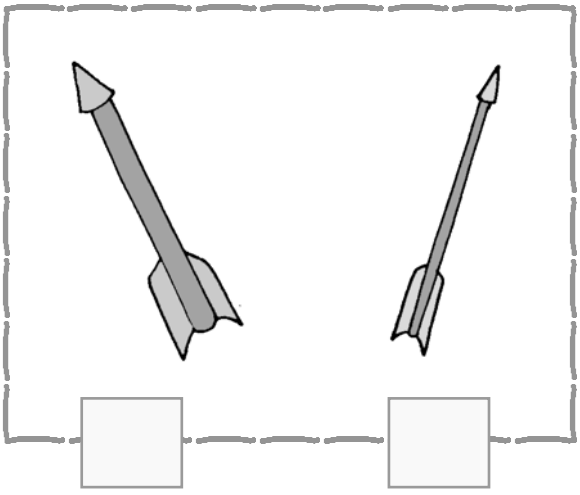
Thicker Thinner

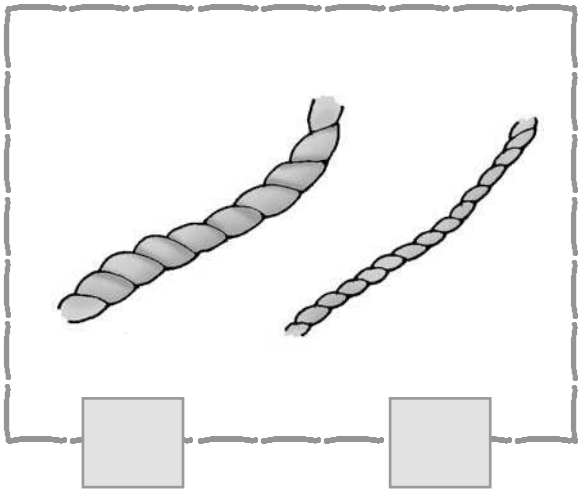
Tick (✓) the Thicker.



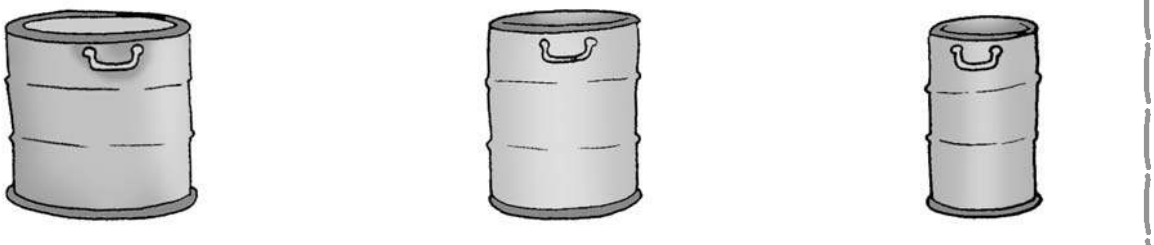


Tick (✓) the Thinner.

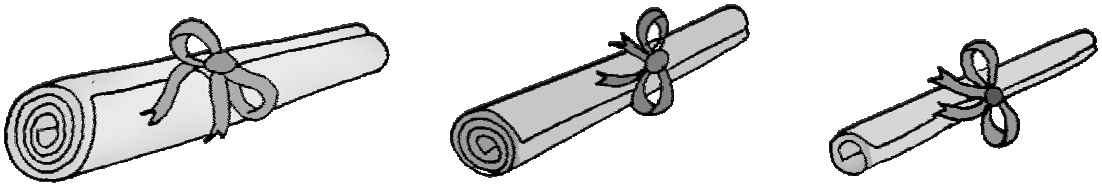




Thickest - Thinnest



Thickest Thinnest

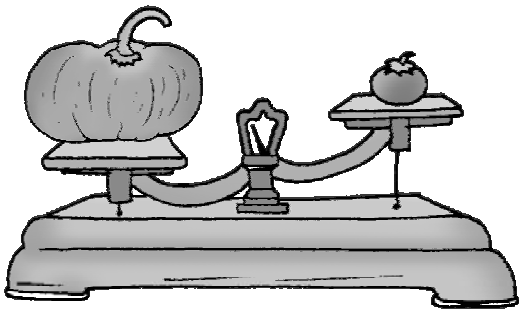


Thickest Thinnest

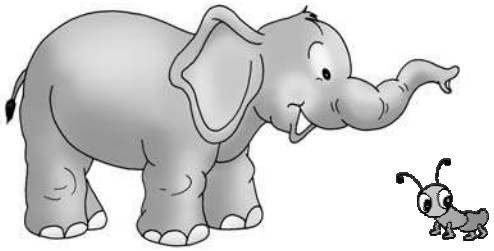
Tick (✓) the Thickest.

Tick (✓) the Thinnest.

Heavier - Lighter

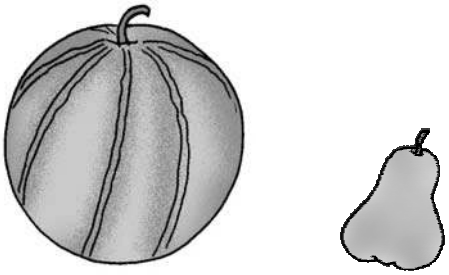


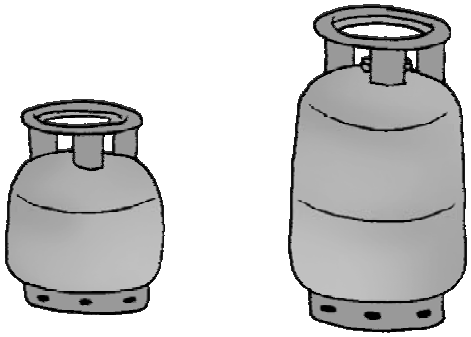
Heavier Lighter



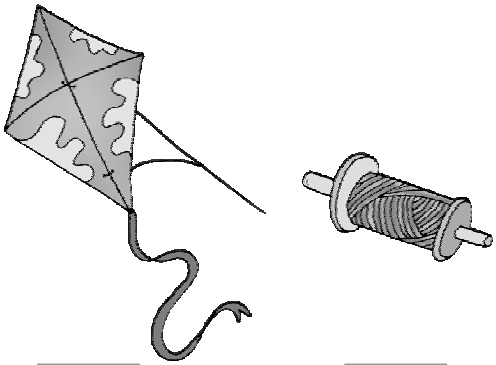
Heavier Lighter

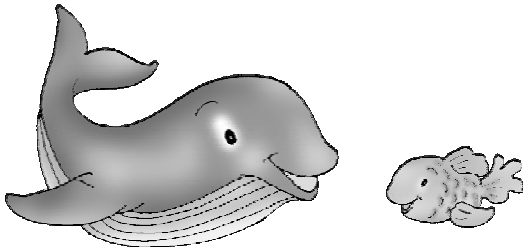
Tick (✓) the lighter.



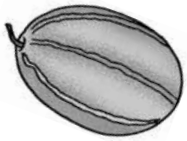


Tick (✓) the Heavier.



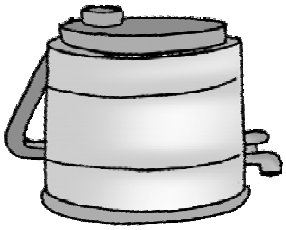


Heaviest – Lightest

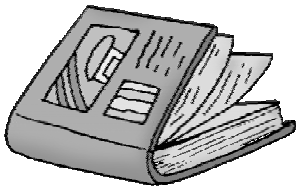


Heaviest Lightest

Tick (✓) the Heaviest.

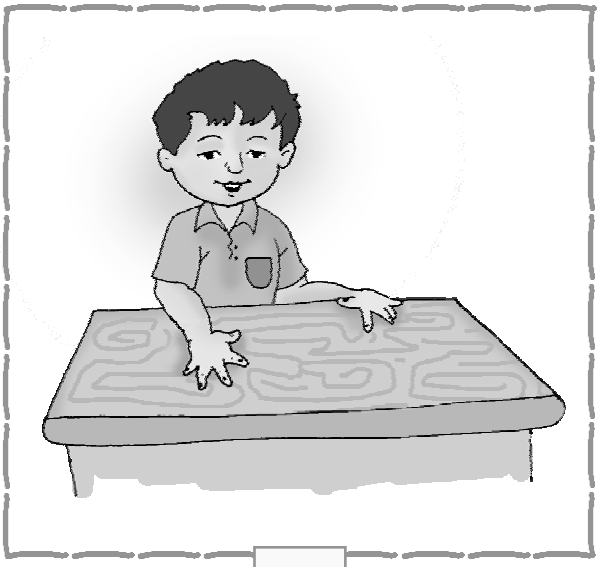


Tick (✓) the Lightest.



Tick (✓) the Heaviest.

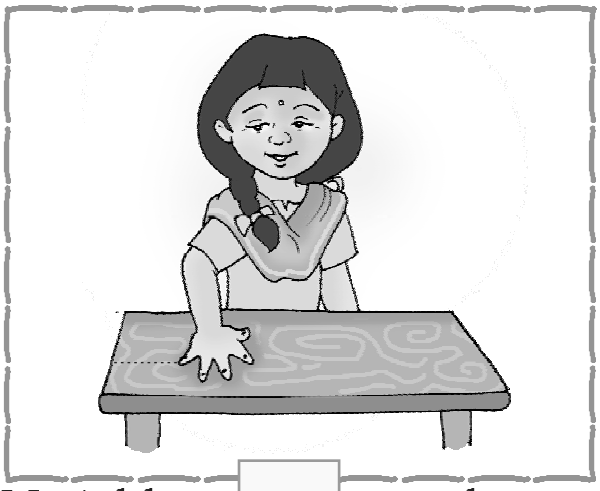
The book is 3 spans long.



The table is ____ spans long.

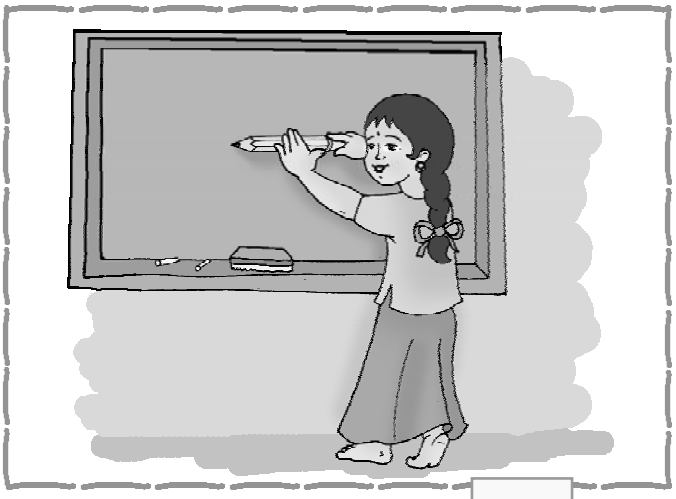
Trace your friends hand span here.

Measure

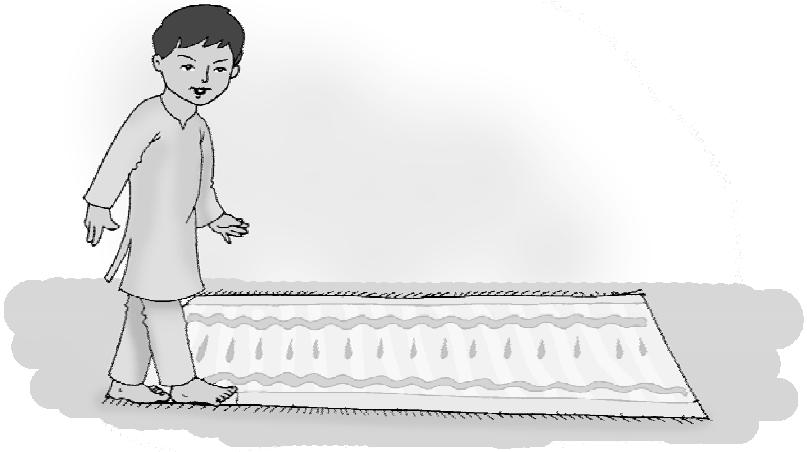


My table is ____ span long.

My pencil is ____ span long.



My classroom blackboard is ____ pencils long.



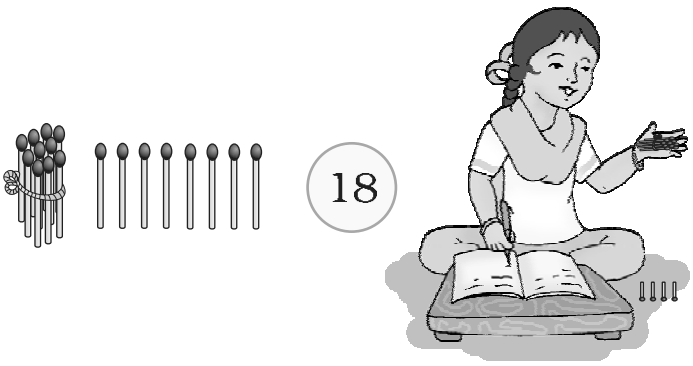
The carpet is 10 feet long.

The mat is 6 feet long.

Guess the distance.

8 Numbers from Twenty-one to Fifty

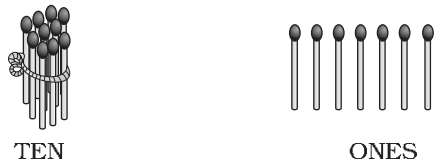
Fill in the blanks.



Write the number.

TEN	ONES	
1	4	14

TEN	ONES	



TEN	ONES	

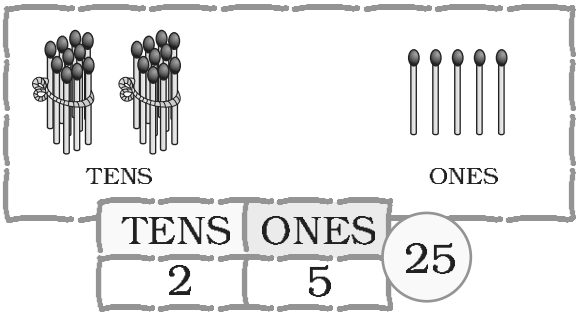
Draw the bundles and ones.

TEN	ONES	
1	5	15

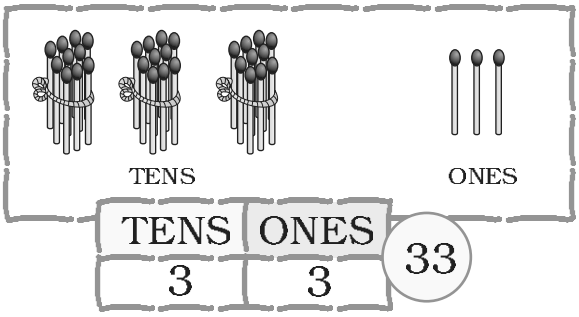
TENS	ONES	
2	0	20

TENS	ONES	
2	2	22

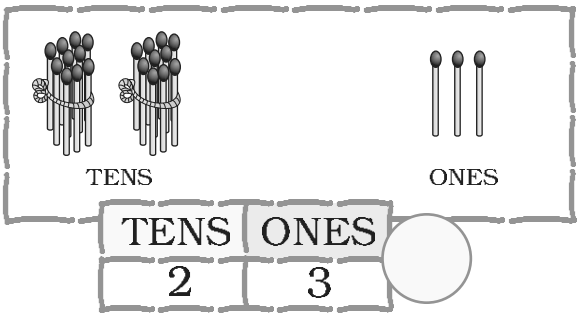
Write the number



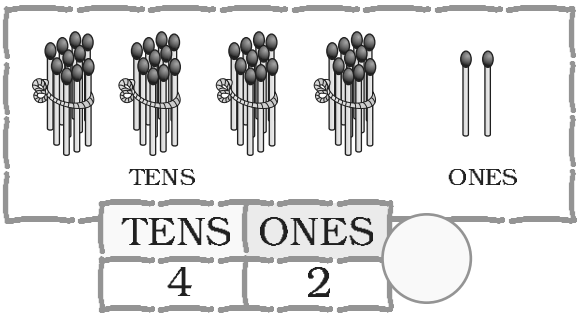
TENS	ONES	
2	5	25



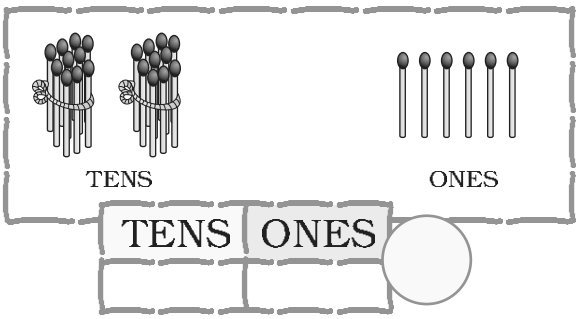
TENS	ONES	
3	3	33



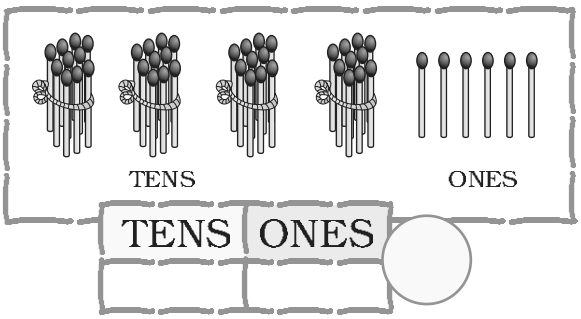
TENS	ONES	
2	3	



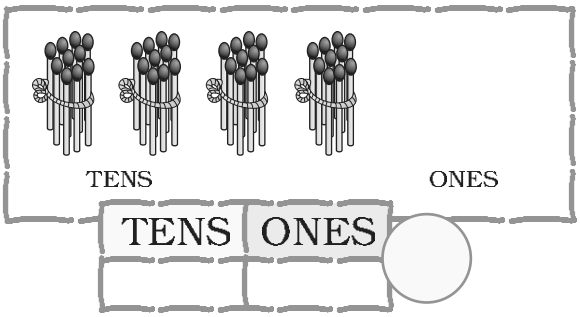
TENS	ONES	
4	2	



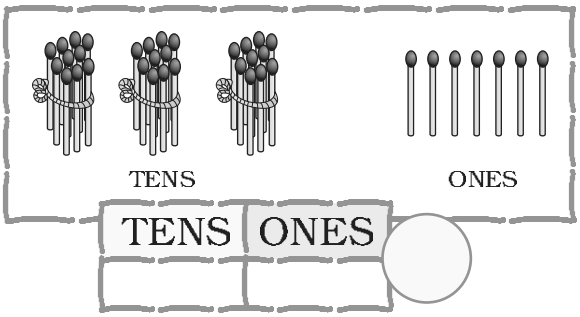
TENS	ONES	



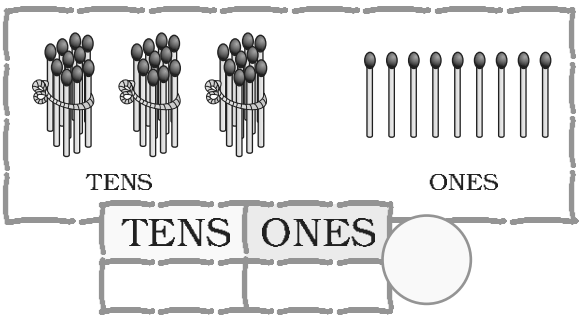
TENS	ONES	



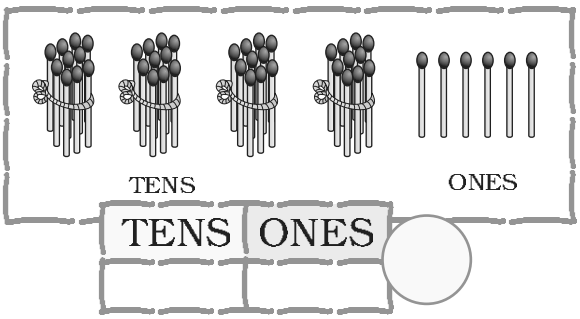
TENS	ONES	



TENS	ONES	



TENS	ONES	



TENS	ONES	

Numbers from 21 to 40

Fill in the blanks.

2 TENS 1 ONE — 21

2 TENS 2 ONES — 22

2 TENS 3 ONES — 23

2 TENS 4 ONES

2 TENS 5 ONES

2 TENS 6 ONES

2 TENS 7 ONES — 27

2 TENS 8 ONES — 28

2 TENS 9 ONES — 29

2 TENS 1 TEN — 30

3 TENS 1 ONE — 31

3 TENS 2 ONES

3 TENS 3 ONES

3 TENS 4 ONES

3 TENS 5 ONES

3 TENS 6 ONES — 36

3 TENS 7 ONES

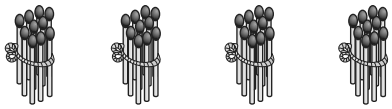
3 TENS 8 ONES — 38

3 TENS 9 ONES — 39

3 TENS 1 TEN — 40

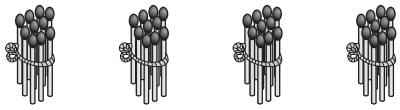
Numbers from 41 to 50

Fill in the blanks.

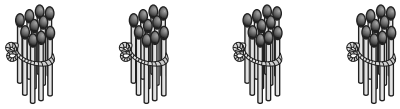


41

4 TENS 1 ONE



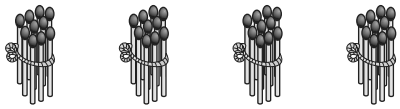
4 TENS 2 ONES



43

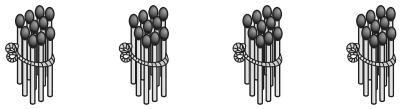
4 TENS 3 ONES

4 TENS 4 ONES

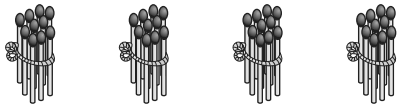


45

4 TENS 5 ONES

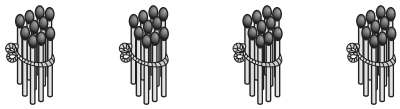


4 TENS 6 ONES



47

4 TENS 7 ONES

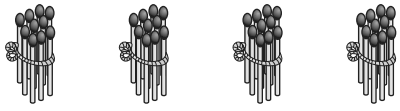
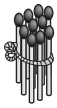


48

4 TENS 8 ONES

49

4 TENS 9 ONES

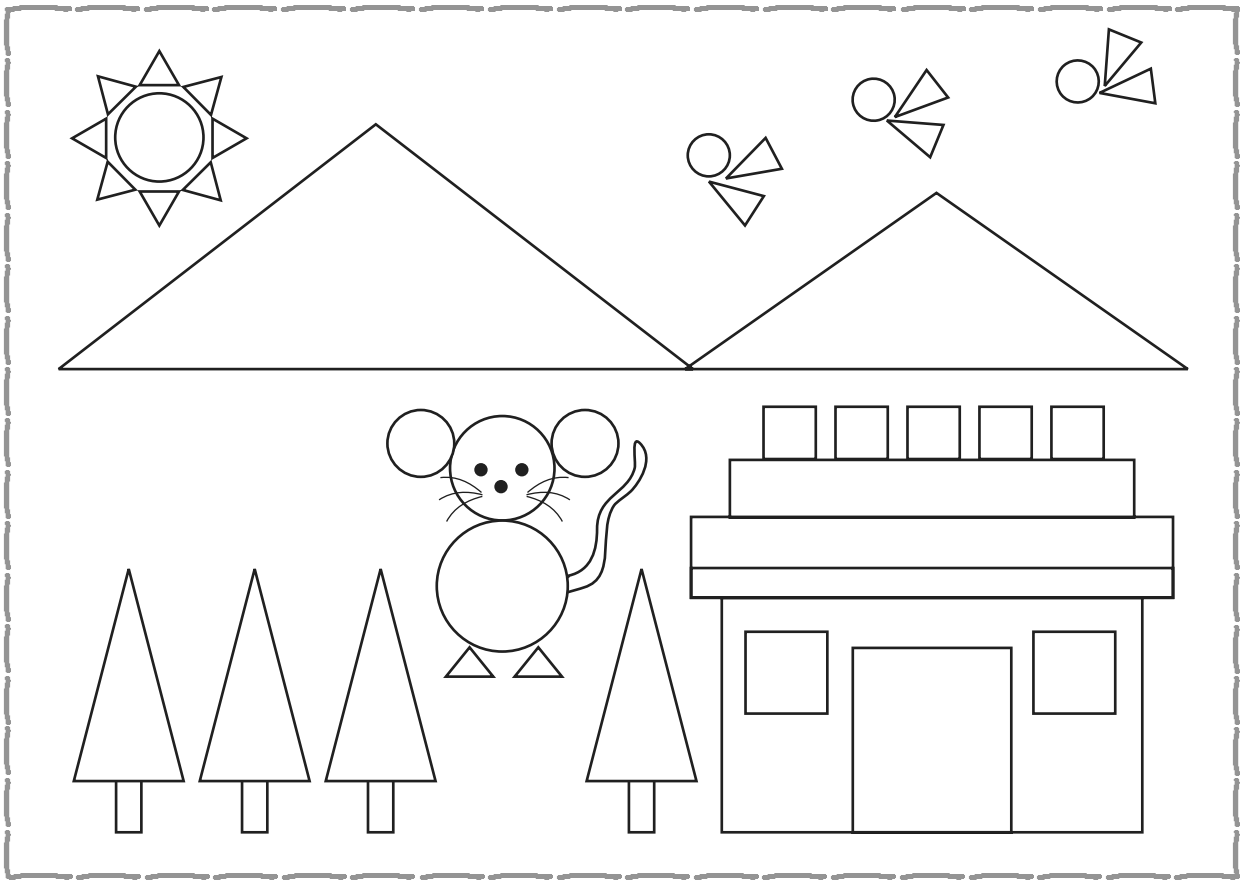
50

4 TENS 1 Ten

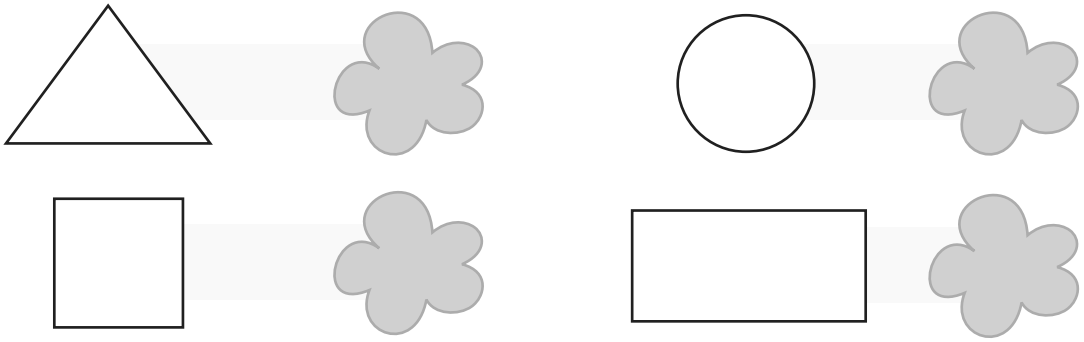
Write the missing numbers

1	2	3	4	5	6	7	8	9	10
11		13			16				
	22					27			
							38		
		43						49	

9 Data Handling



Count the shapes in the above picture.



Name the shapes

that occurs the most

that occurs the least

These children are friends.
Count the number of letters in each name-word.

Names	Number of letters
S A L M A	
J O S E P H	
A R U N	
C H I N T U	
G E E T A	
A S H A	
S U B B U	
A H M A D	
R A V I	

How many names have four letters

How many names have five letters

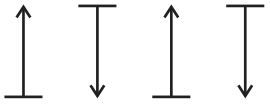
How many names have six letters

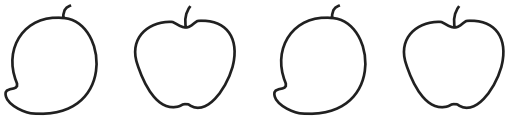
How many times S comes in all the names taken together

How many times A comes in all the names taken together

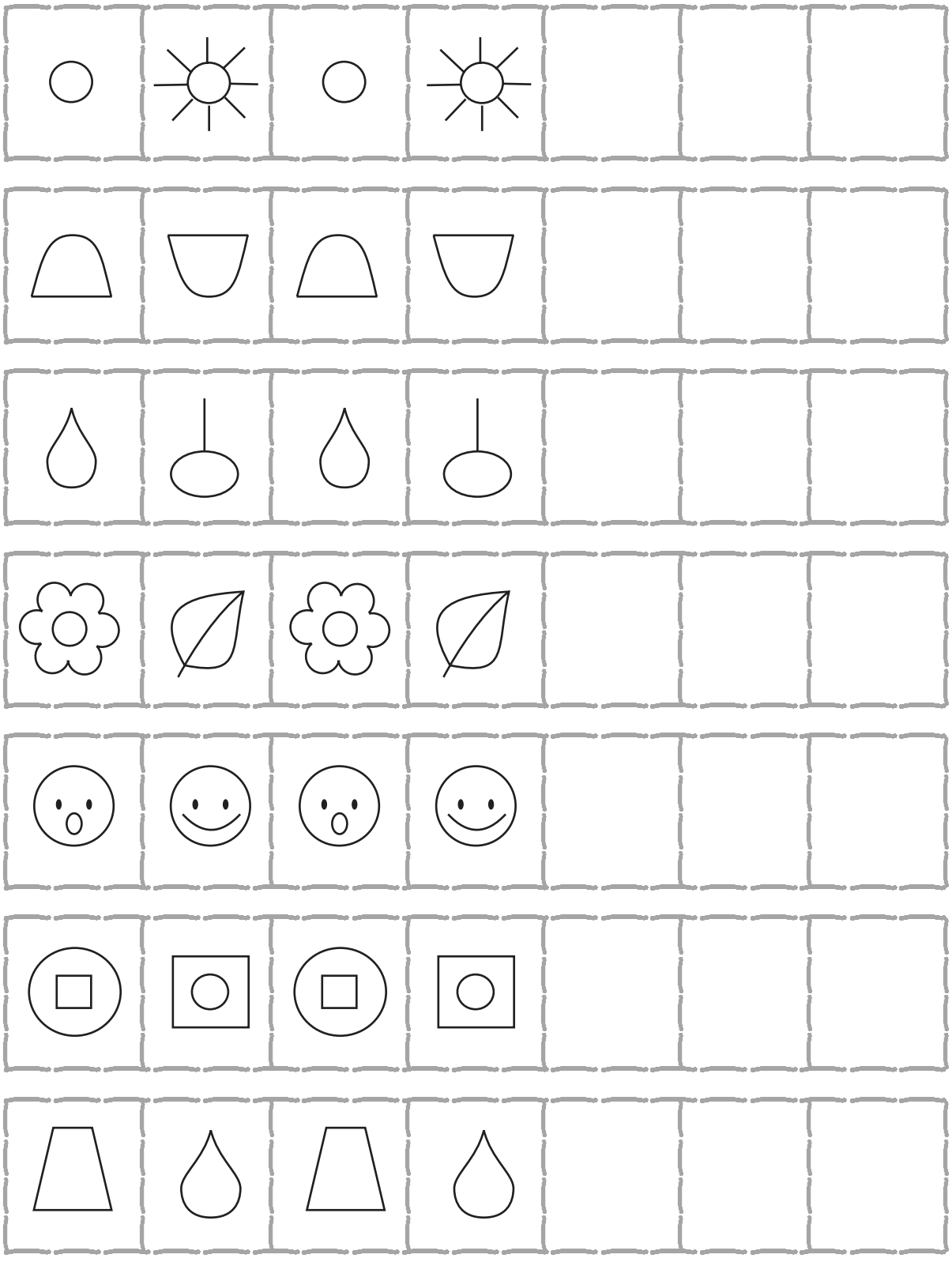
10 Patterns

Extend the sequence.



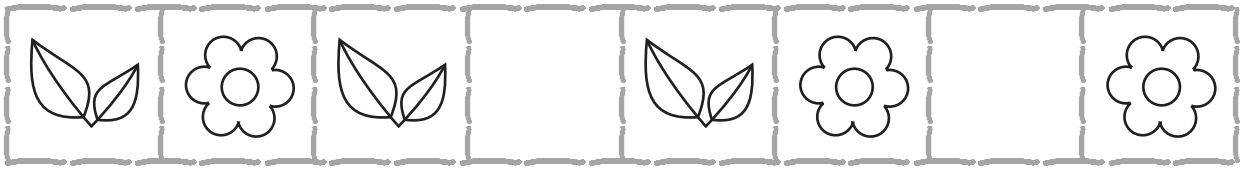


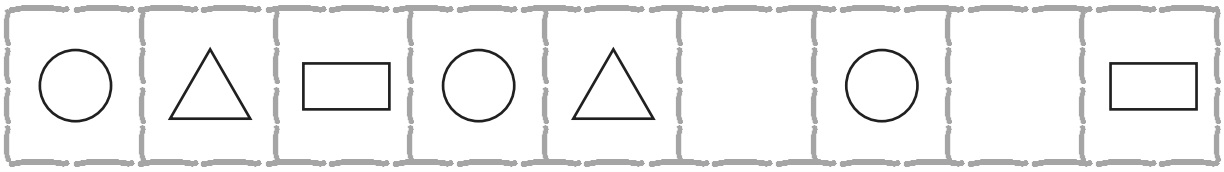
What comes next in the sequence ?

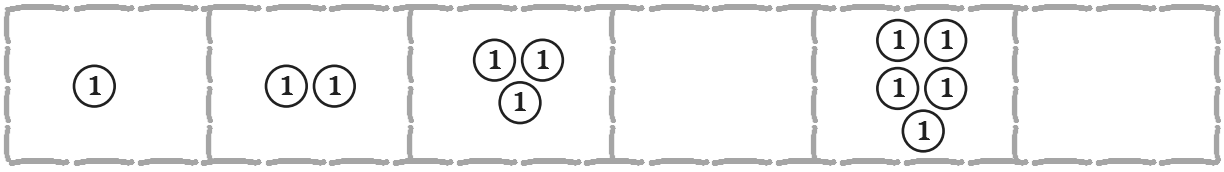


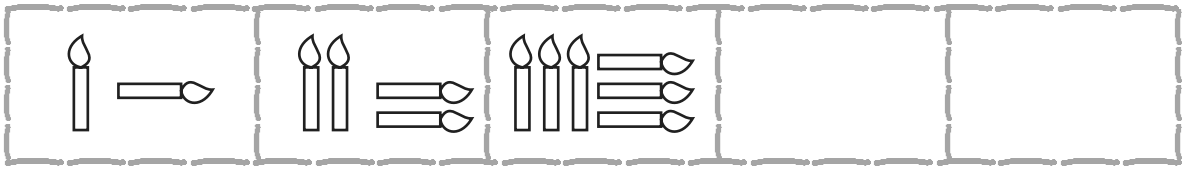
Patterns in shape

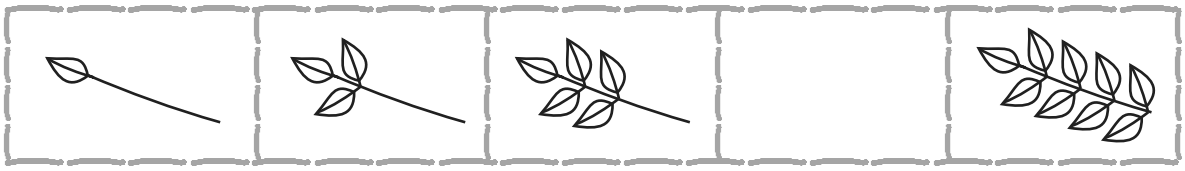
Fill in the boxes in sequence.

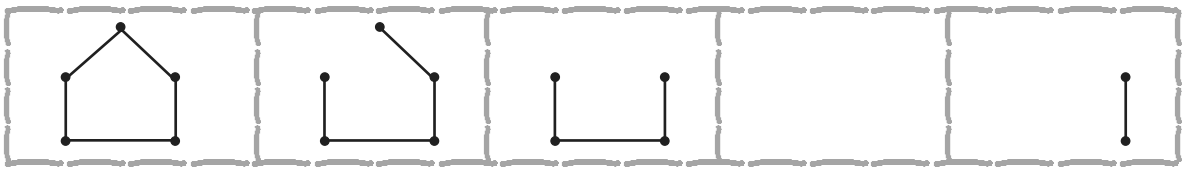




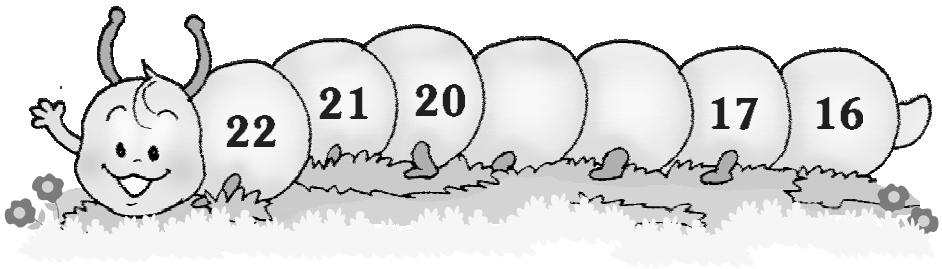


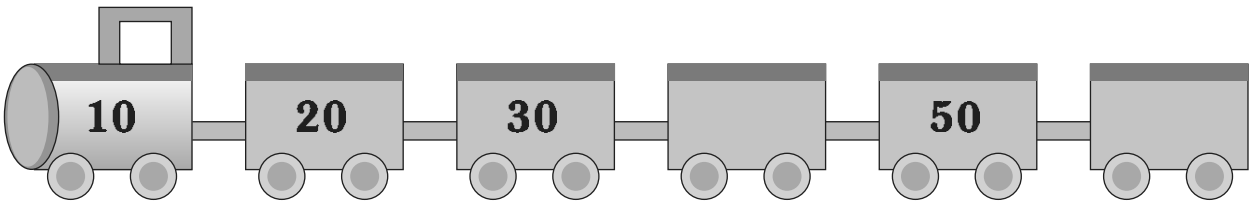


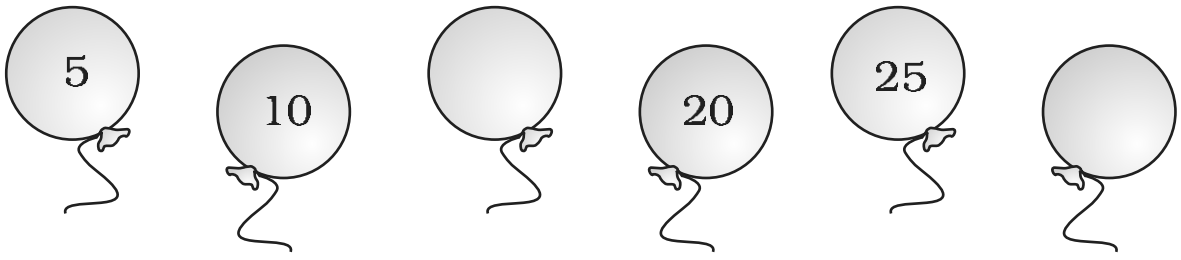


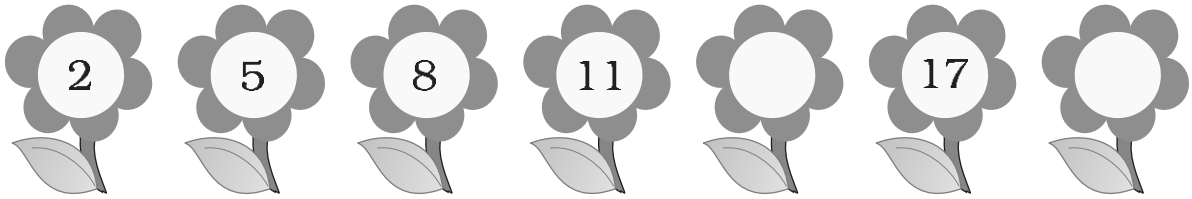


Study the pattern and fill in the missing numbers.

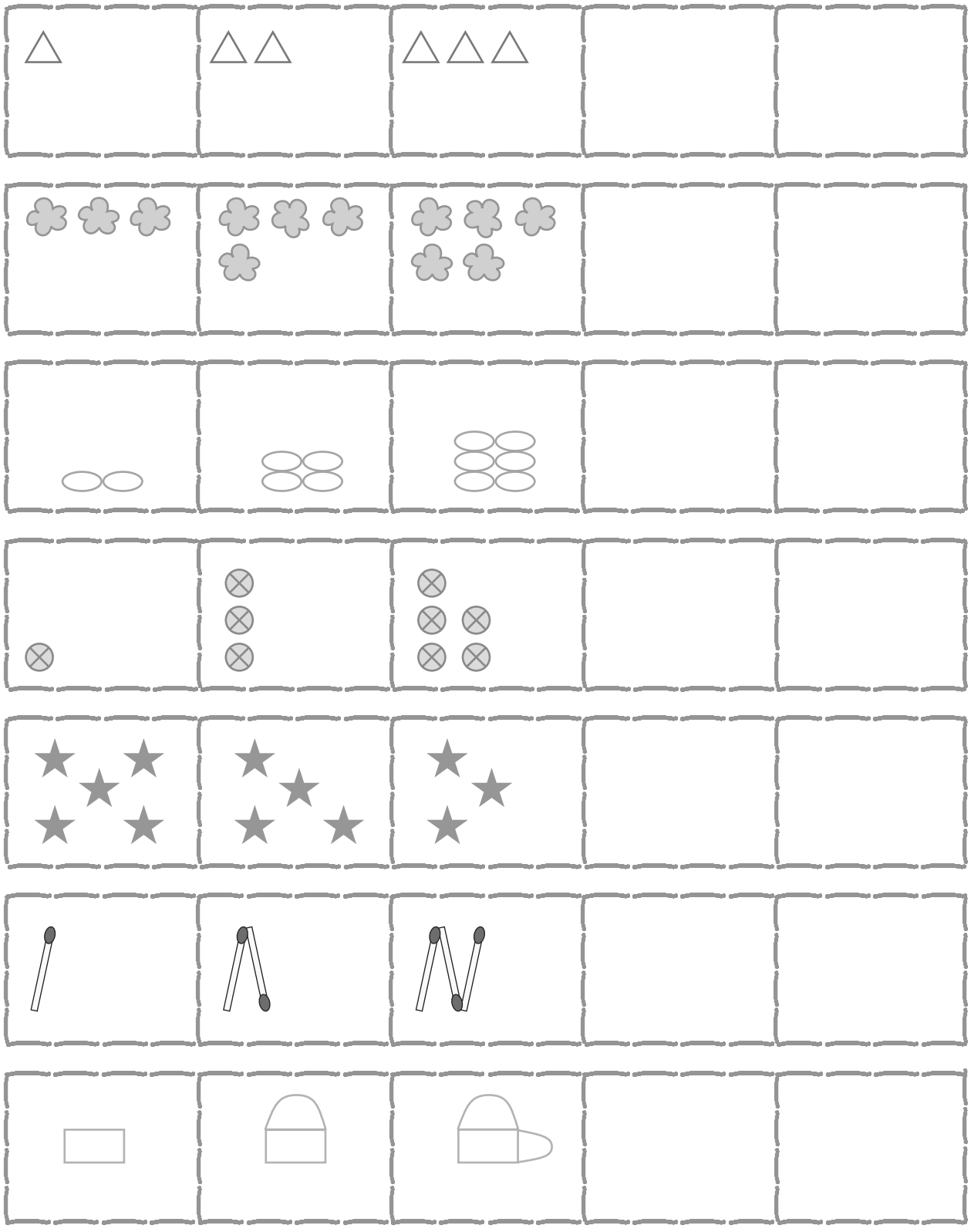




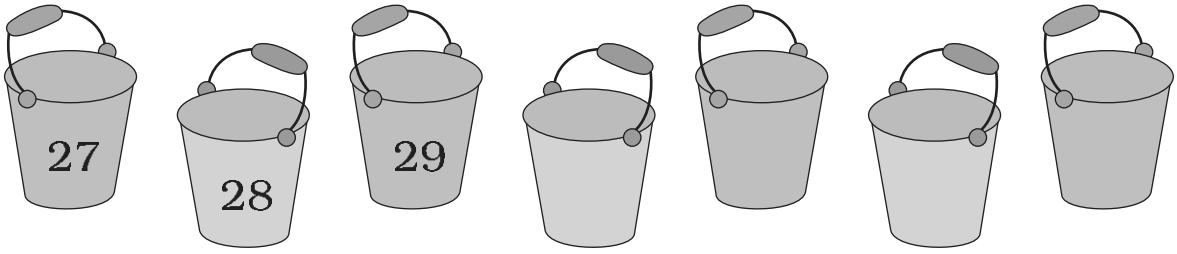


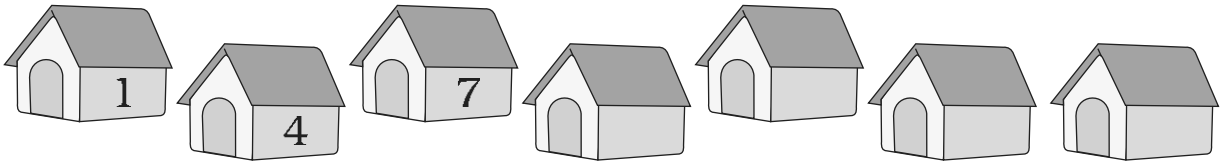


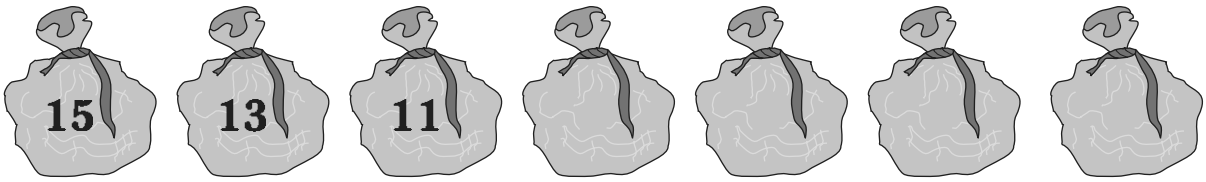
Complete the pattern.

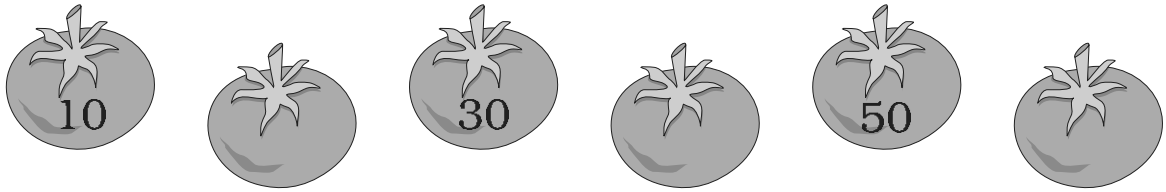


Complete the pattern.

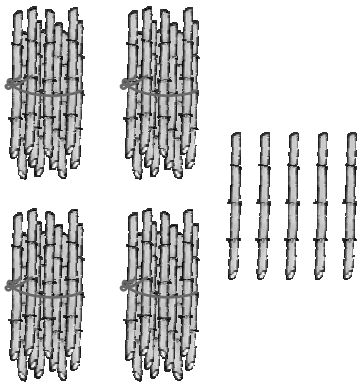








11 Numbers



45

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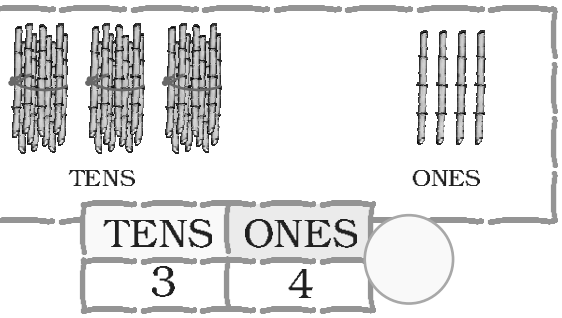
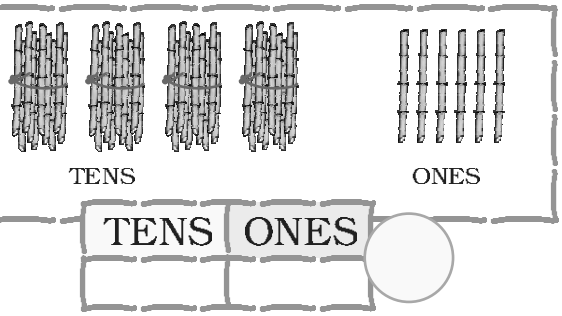


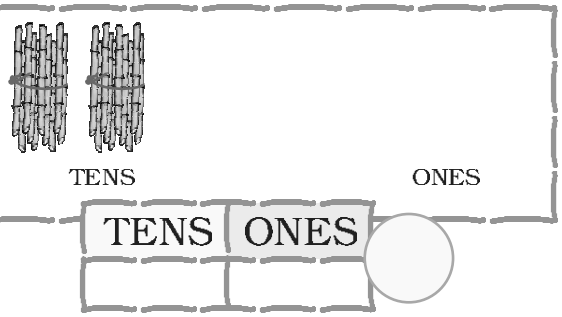
TENS ONES

TENS	ONES
3	4



TENS ONES

TENS	ONES



TENS ONES

TENS	ONES

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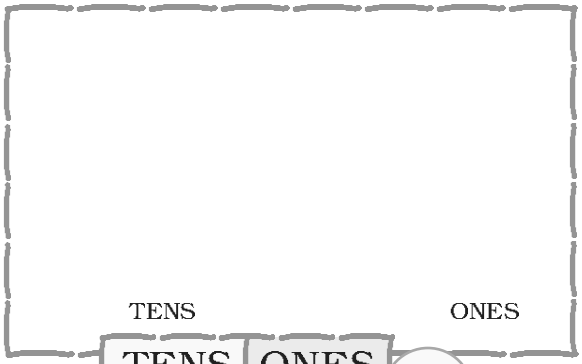
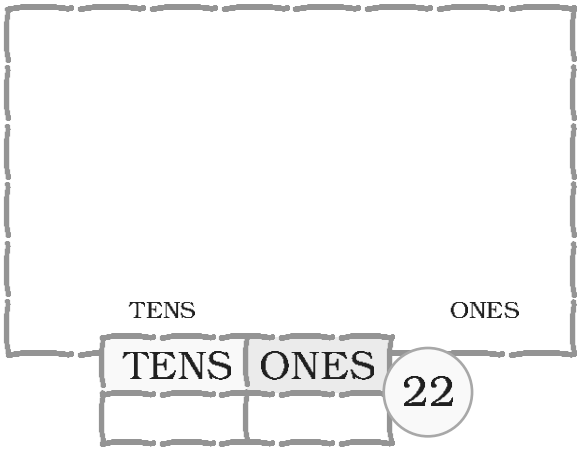


TENS ONES

TENS	ONES
	43



TENS ONES

TENS	ONES
	22

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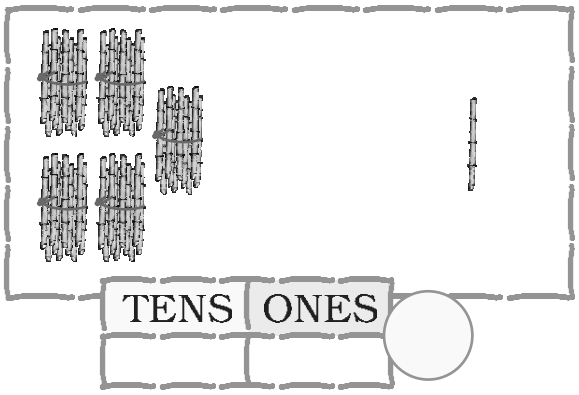

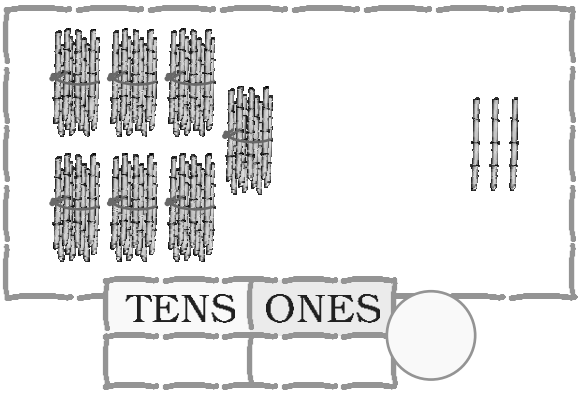

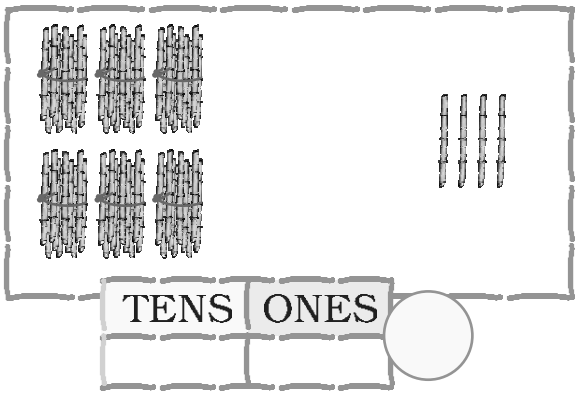

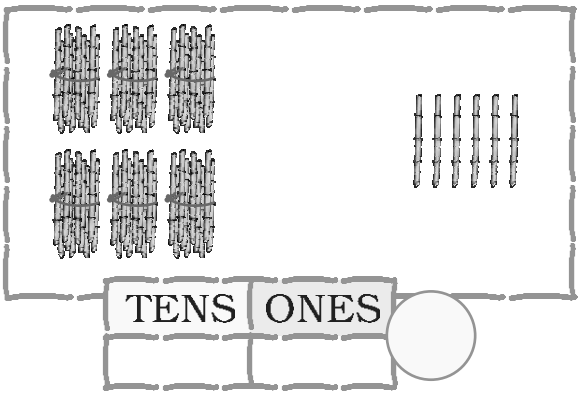

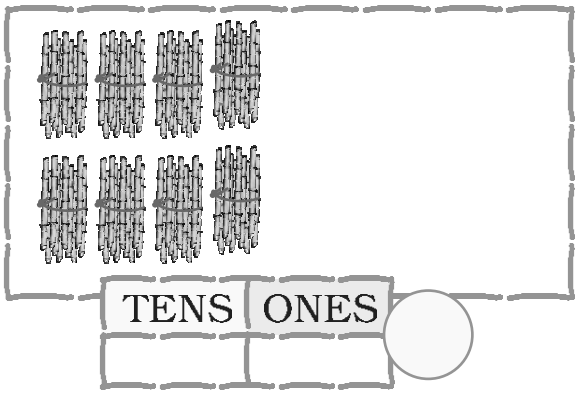

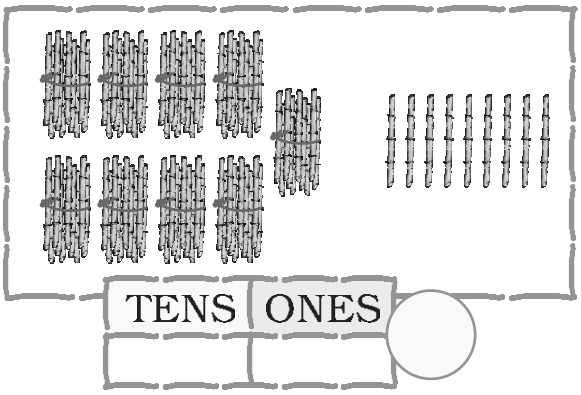

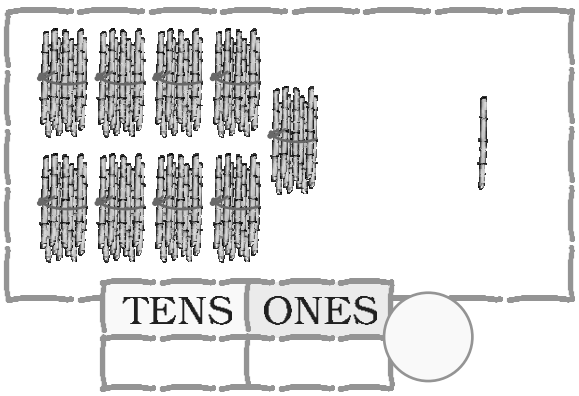

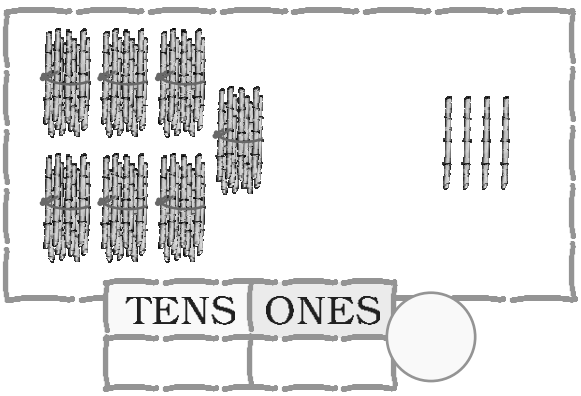

Numbers from 51 to 70

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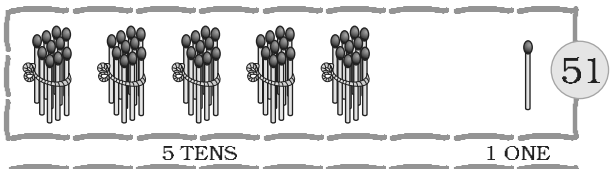

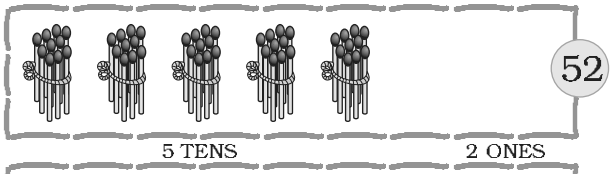

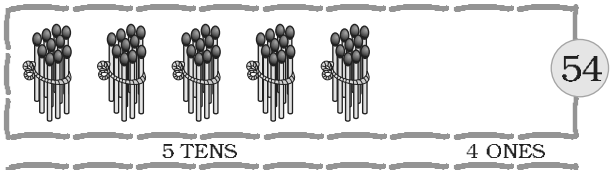

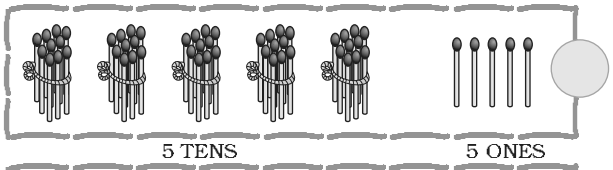

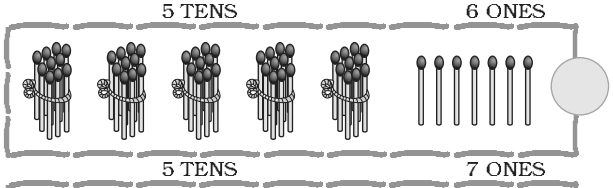

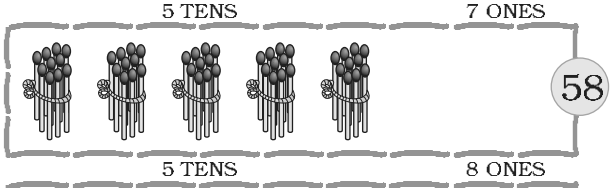

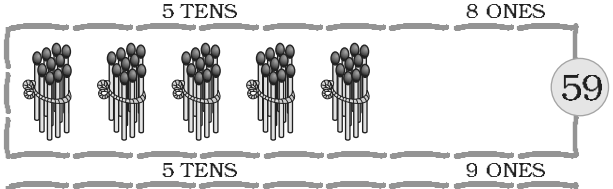

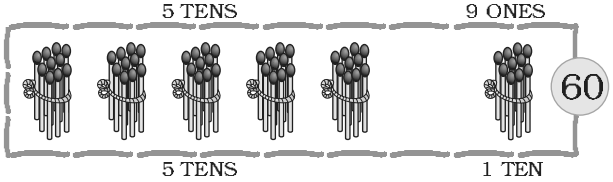

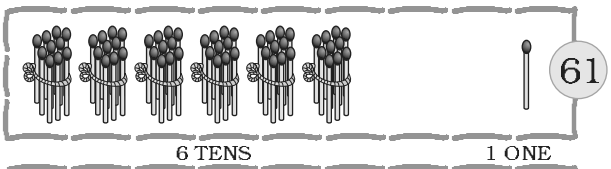

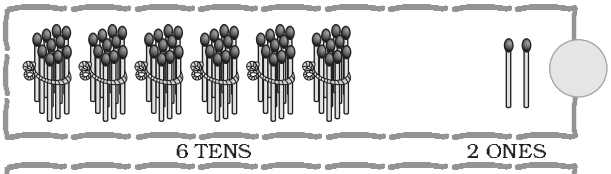

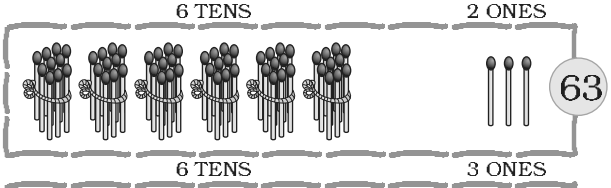

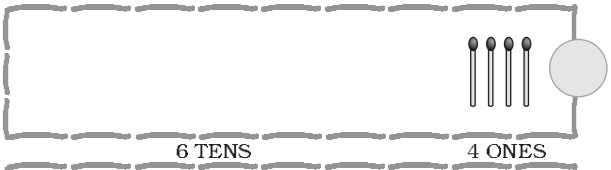

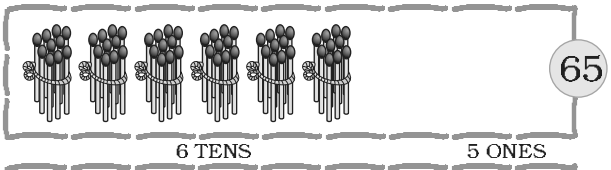

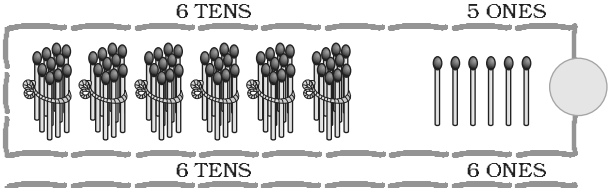

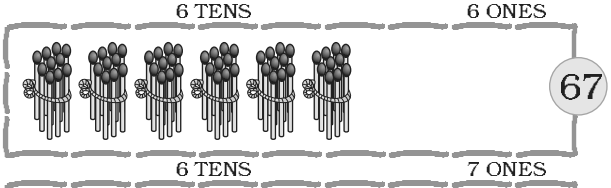

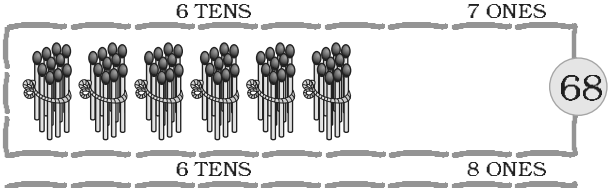

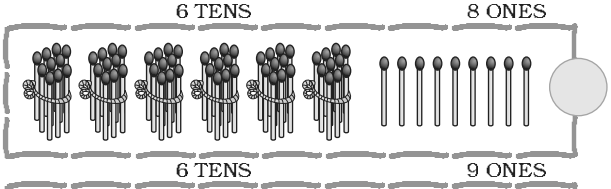

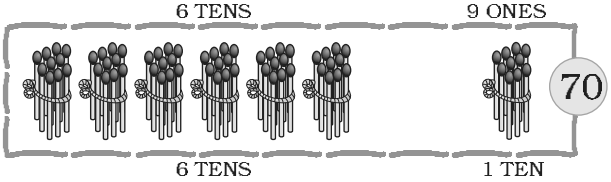

Numbers from 71 to 90

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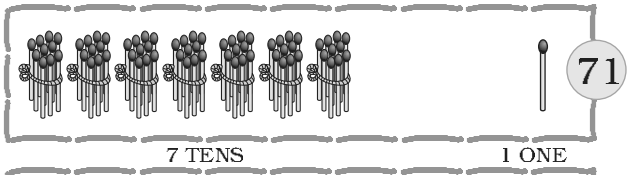
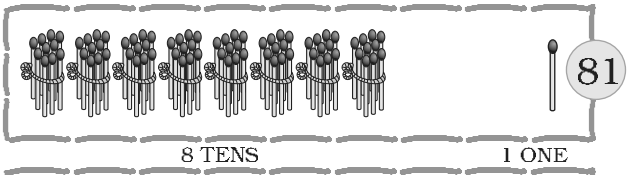
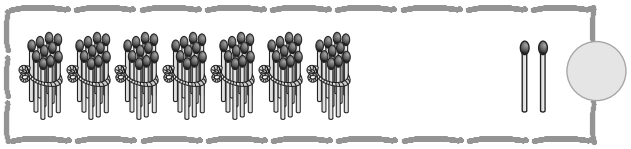
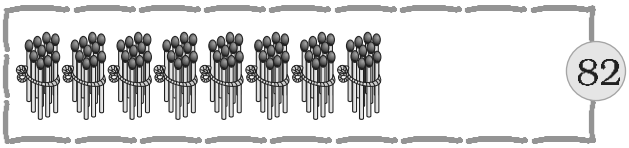
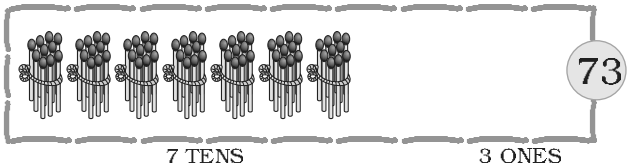
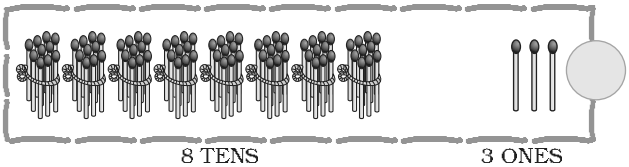


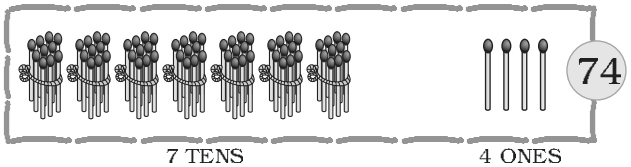


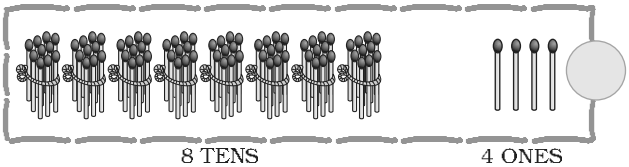


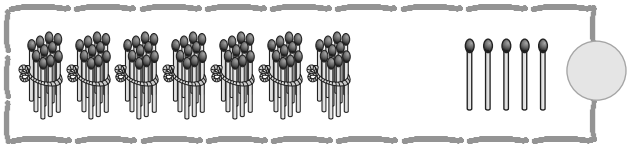


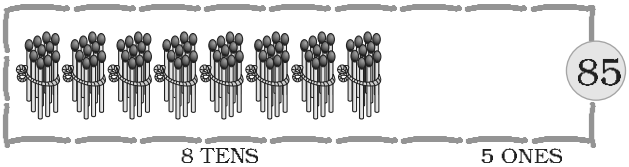


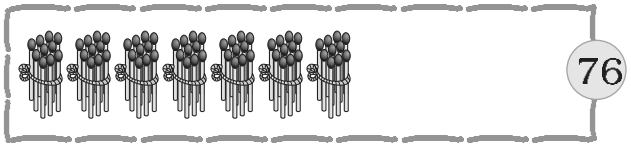


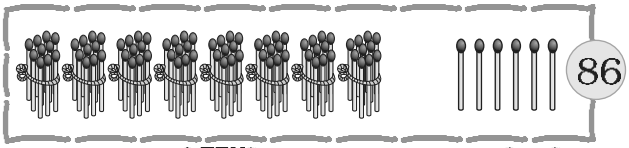


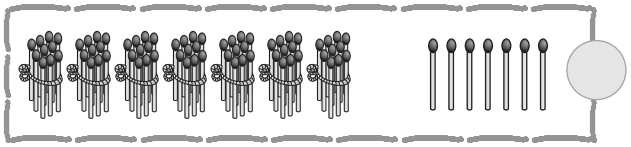


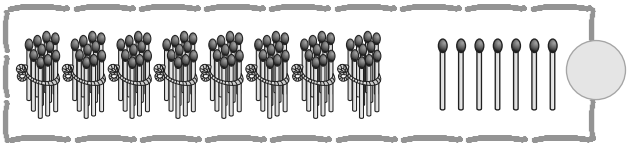


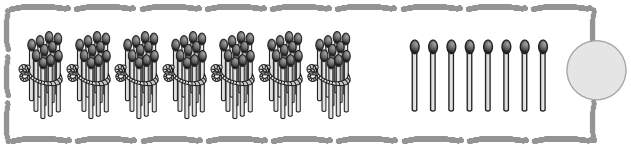


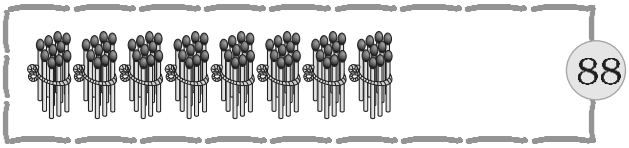


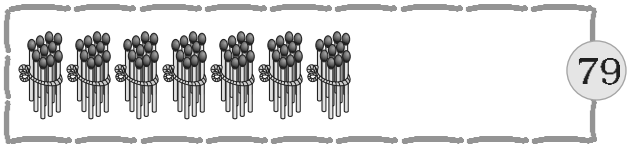


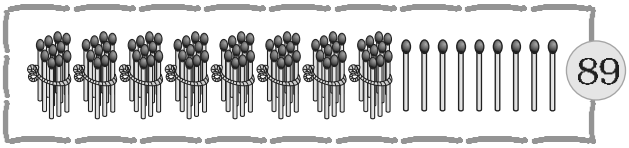


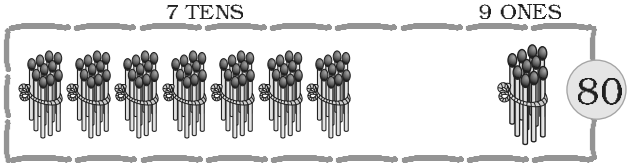


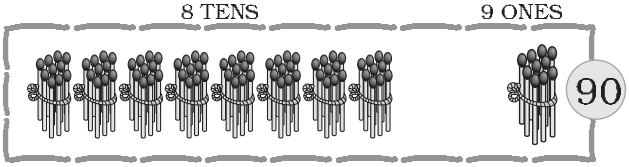






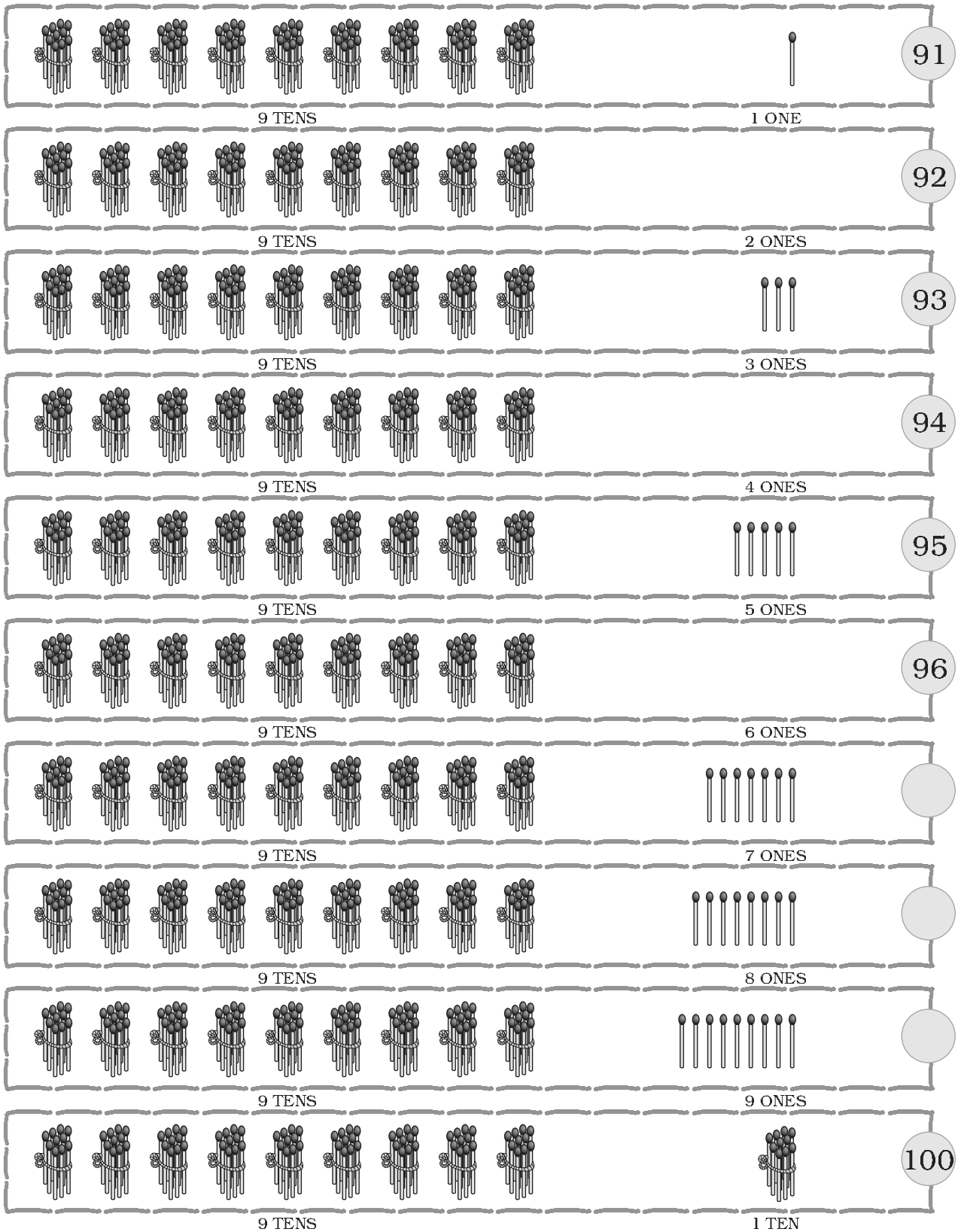






Numbers from 91 to 100

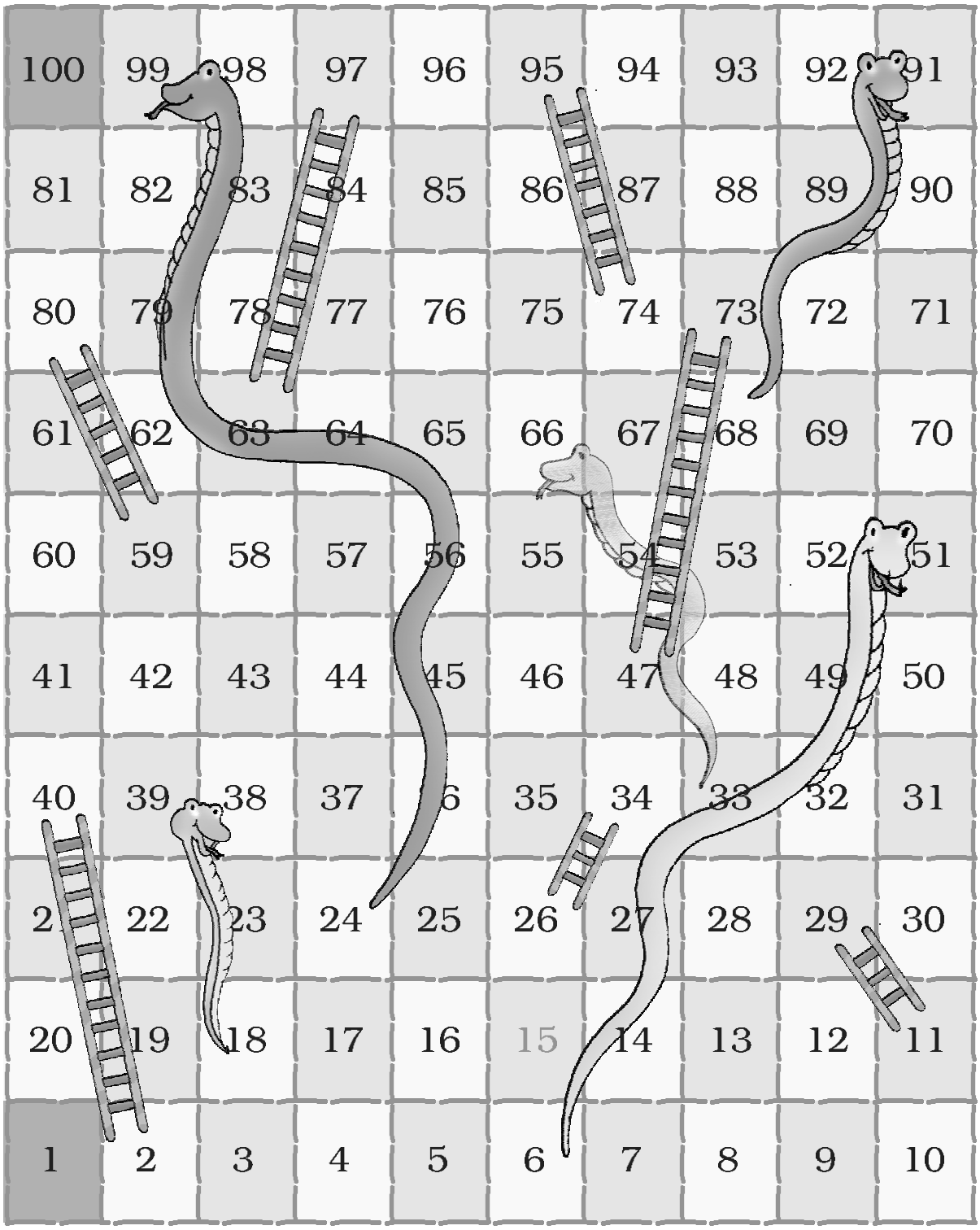
Fill in the blanks.



Write the missing numbers.

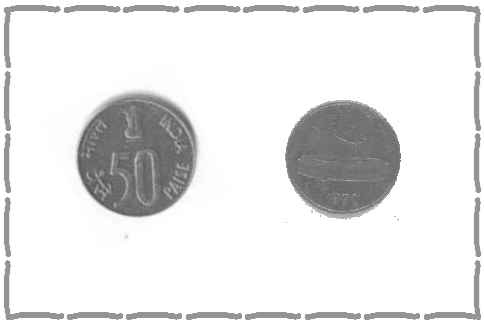
51	52	53	54	55	56	57	58	59	60
	62			65				69	
		73							80
			84				88		
		93		95				99	

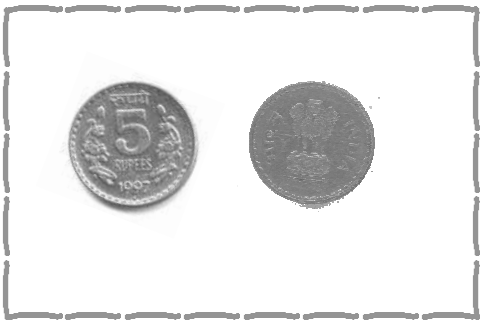
Let us play the game of snakes and ladders.



12 Money

Coins currently in use in India.





Notes currently in use in our currency.

Make the given amount using different combination of coins.

1 rupee

2 rupees

2 rupees

3 rupees

3 rupees

Make the given amount using different combination of coins.

4 rupees

4 rupees

4 rupees

5 rupees

5 rupees

5 rupees

5 rupees

Make the given amount using different combination of coins.

6 rupees

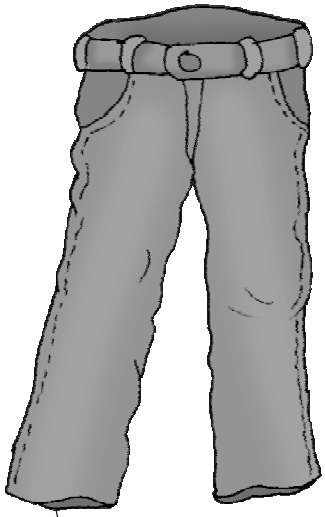
6 rupees

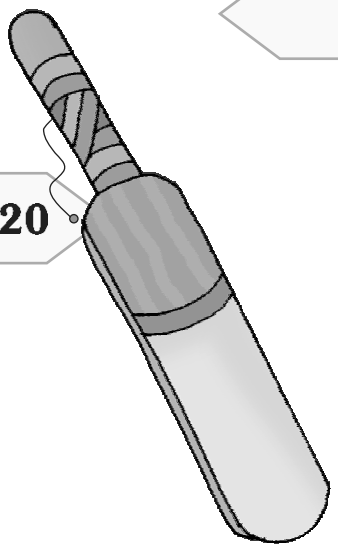
6 rupees

6 rupees

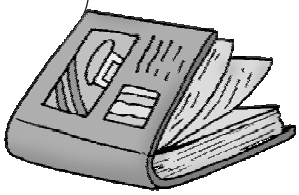
6 rupees

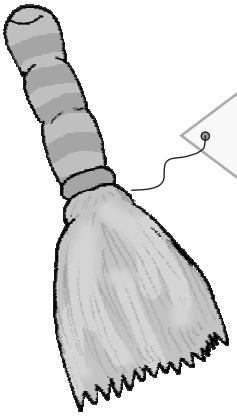
Discuss with your friend and guess the price.

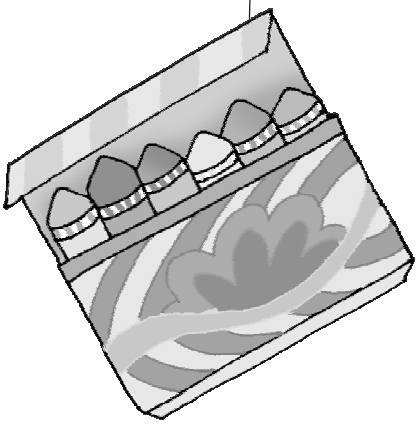


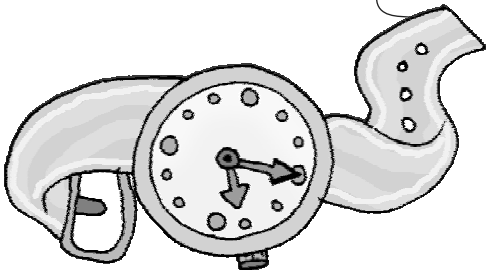


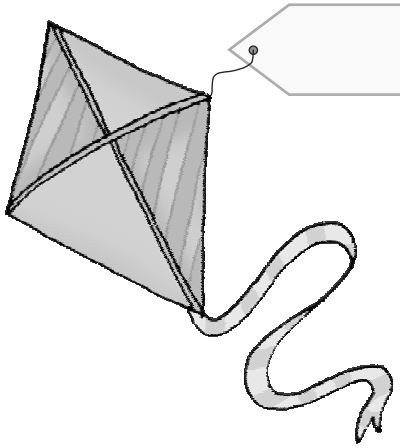
Rs. 20





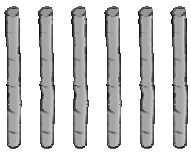


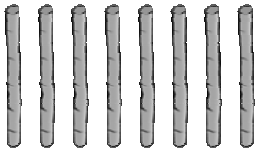


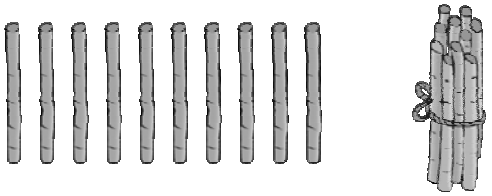


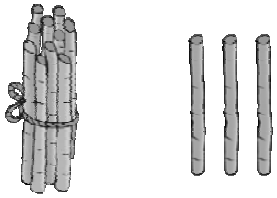
13 How many

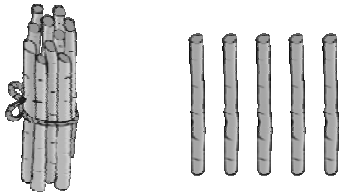
Write the number of sticks.

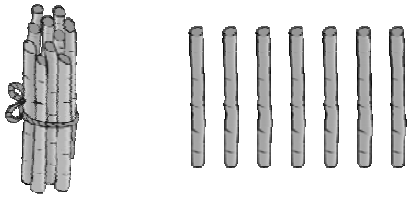


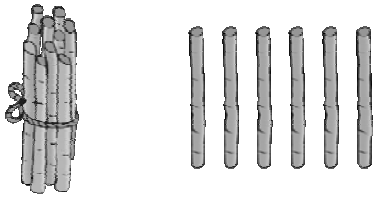




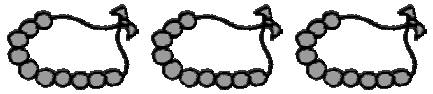


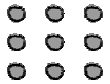


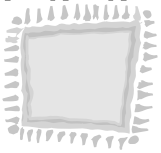


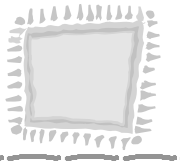


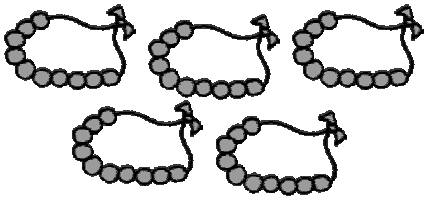
How many beads?



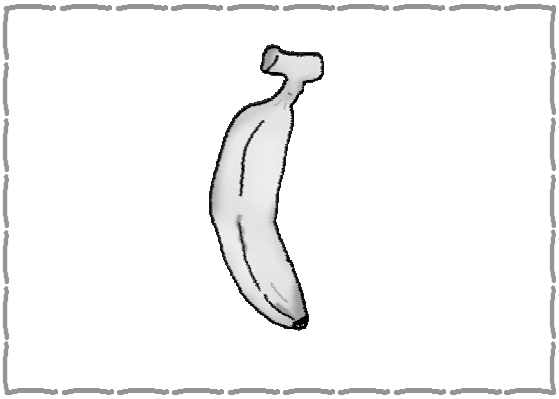


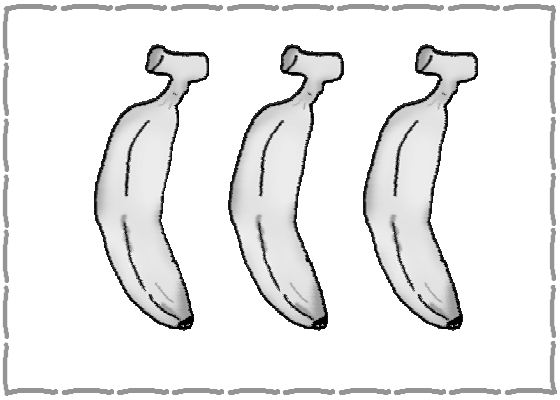


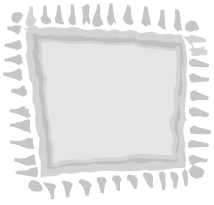




How much will the bananas cost?

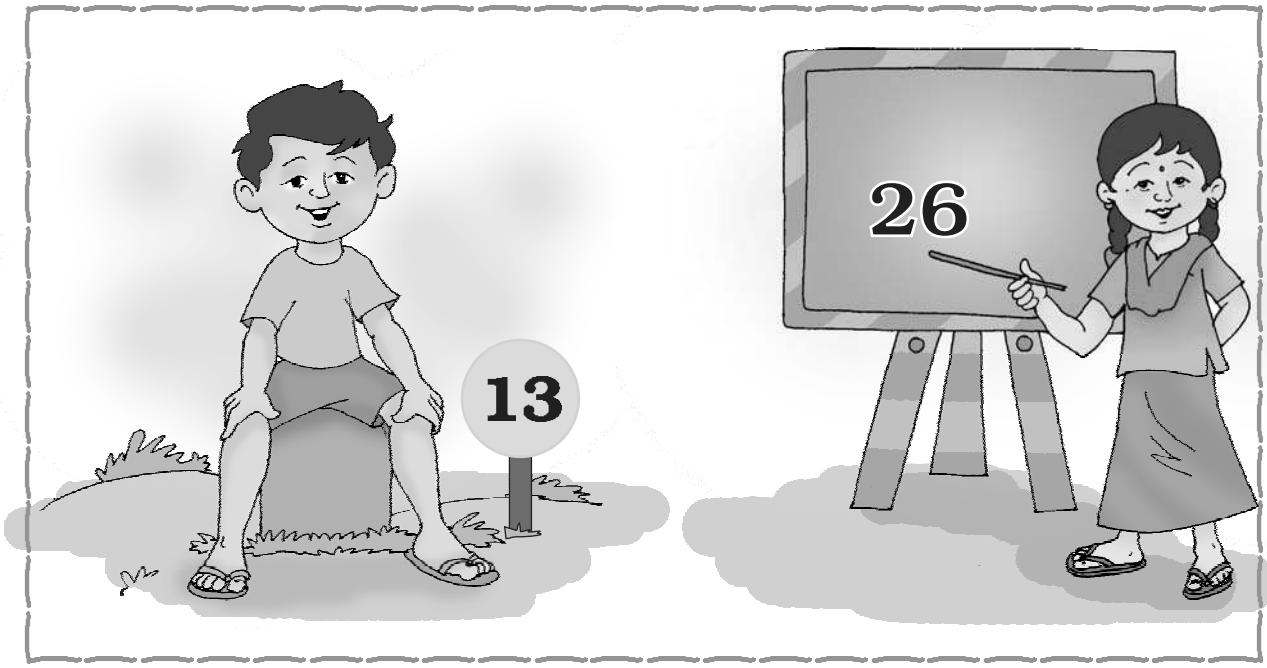




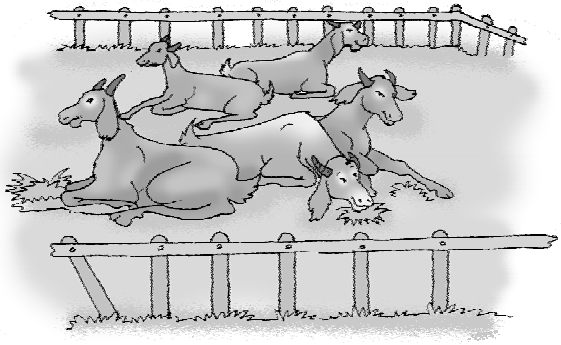


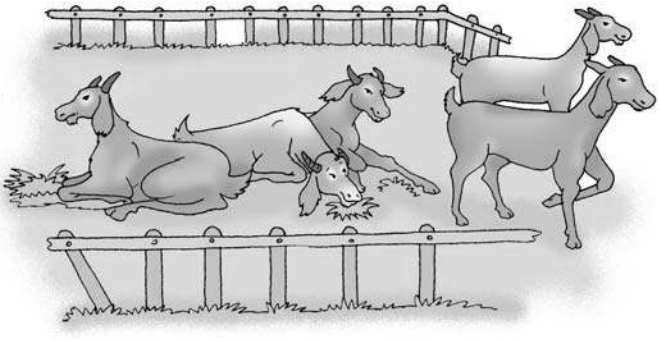
Give number name

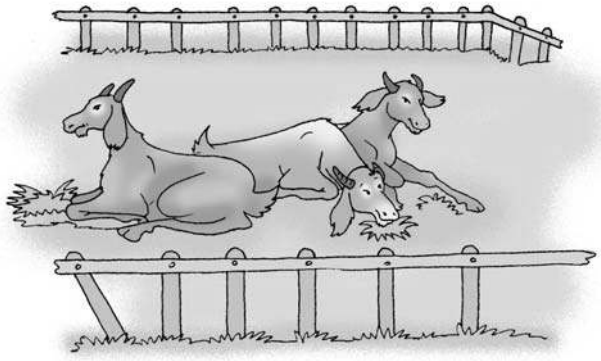
How many tens



Which is the bigger number?







Develop a story on the pictures and narrate in the class.

Billu