



Skillment

MATHEMATICS

WORKBOOK

FS-2
LKG



PMP Planet[®]
Multimedia Publishers
The Ultimate Resource

PM PUBLISHERS PVT. LTD.

Skillment Mathematics Workbook – FS 2 (LKG)

PMP Editorial Team

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Preface

With a vision of making quality education accessible to all from the Foundational Stage to Secondary Stage of schooling, the **National Education Policy (NEP) 2020** has issued a new pedagogical and academic structure. The new pedagogical and academic structure has been divided into four stages as mentioned below:

Foundational Stage (5 years): Nursery, LKG, UKG, Std. 1 and Std. 2	(3-8 years)
Preparatory Stage (3 years): Std. 3, Std. 4 and Std. 5	(8-11 years)
Middle Stage (3 years): Std. 6, Std. 7 and Std. 8	(11-14 years)
Secondary Stage (4 years): Std. 9, Std. 10, Std. 11 and Std. 12	(14-18 years)

In the new 5+3+3+4 structure, a strong base of **Early Childhood Care and Education (ECCE)** from age 3 is also included.

The overall aim of Early Childhood Care and Education (ECCE) is to attain optimal outcomes in the following domains:

- ✓ Physical and motor development
- ✓ Cognitive development
- ✓ Social-emotional-ethical development
- ✓ Cultural/Artistic development
- ✓ Development of communication and early language, literacy, and numeracy

Our new series, **Skillment**, is properly graded and contains age-appropriate course material for the learners of Foundational Stage to achieve the aims and objectives outlined in the **National Curriculum Framework (NCF) for Foundational Stage 2022**. The series covers different subjects which are classified under the following categories:

FS 1 (3+ years): Maths, English, EVS, Hindi, Art and Craft, Kavitayen aur Kahaniyan, Rhymes and Stories

FS 2 (4+ years): Maths, English, EVS, Hindi, Art and Craft, Kavitayen aur Kahaniyan, Rhymes and Stories

FS 3 (5+ years): Maths, English, EVS, Hindi, Art and Craft, Kavitayen aur Kahaniyan, Rhymes and Stories

FS 4 (6+ years): Maths, English, EVS, Hindi, English Grammar, Art and Craft, Computer and GK

FS 5 (7+ years): Maths, English, EVS, Hindi, English Grammar, Art and Craft, Computer and GK

Apart from the main books, we are also providing **Workbooks** with Maths, English, EVS and Hindi to learners for extra practice.

The whole set of books for each class also carries a **Teacher's Resource Kit** which contains various kinds of relevant and interesting teaching aid that teachers may use in the classroom.

A **booklet on Social and Emotional Learning (SEL)** including lesson plans is provided for the teachers to inculcate SEL skills in the learners.

Skillment App is for skill building and joyful teaching and learning for teachers and learners.

Web Support

Our web portal pmponline.co.in provides a vital web support to teachers and learners. It includes the following:

- ◆ **Multimedia ebooks:** consist of animation, audio, video, and interactive exercises
- ◆ **Additional worksheets:** printable worksheets for extra practice
- ◆ **Teacher's resource:** comprises lesson plans
- ◆ **Virtual lessons:** consist of pre-recorded video lessons
- ◆ **AR (Augmented Reality) App both for android and iOS:** turns books into smart books with better visualisation and concept clarity

It is a concerted attempt to make the series more useful for the teachers, parents and kids. We hope this series will be quite helpful in achieving the goals set by the NEP 2020. However, we shall appreciate valuable and constructive feedback from teachers and parents to improve the books with every new edition.

—Publishers

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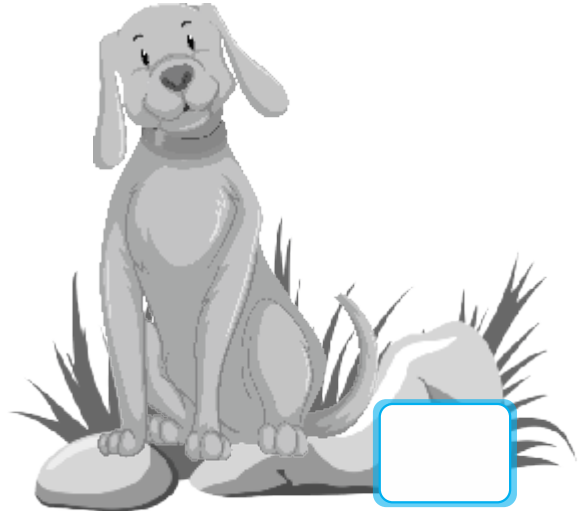
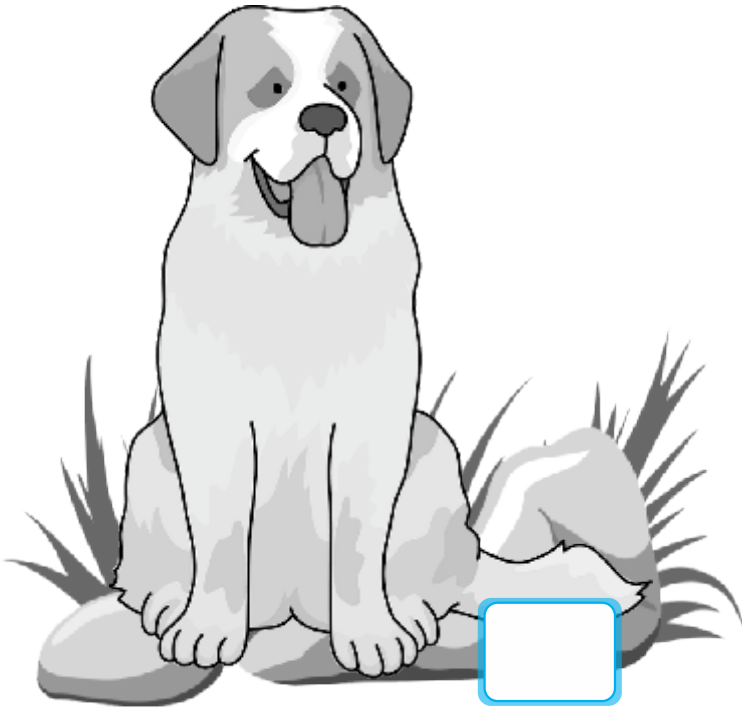
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1

Big and Small

▶ Tick (✓) the big dog.



▶ Circle the small cat.



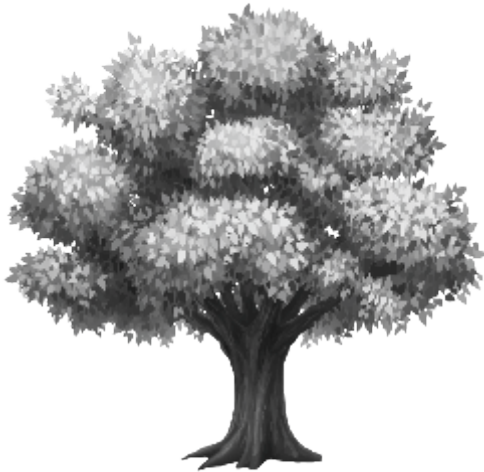
▶ Circle the one that is different from others.



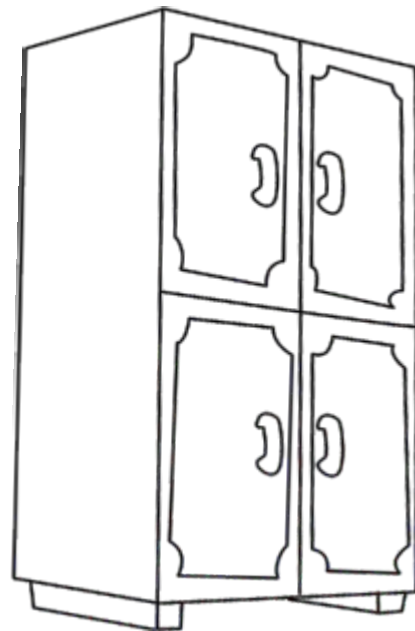
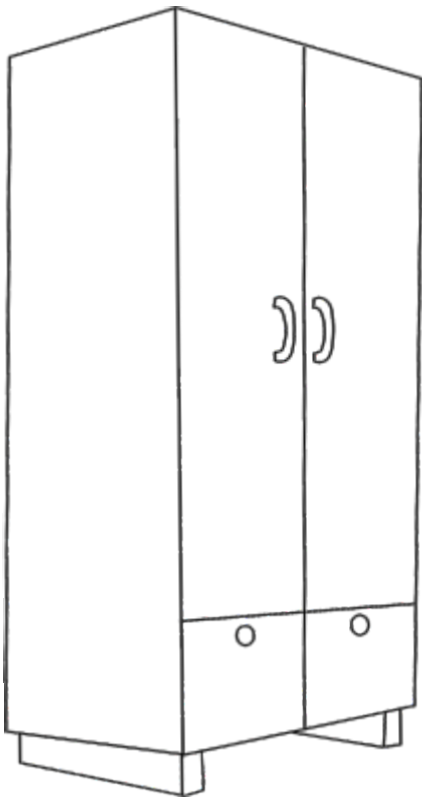
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Tall and Short

▶ Circle the short tree.



▶ Colour the tall almirah using your favourite colours.



1



6



6

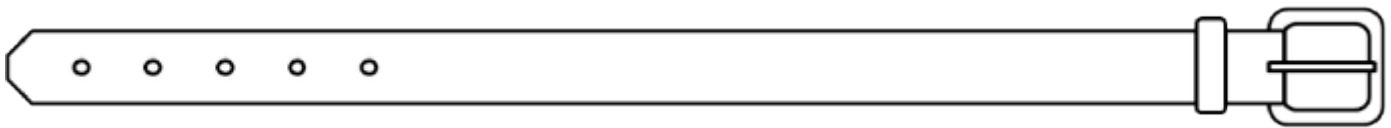
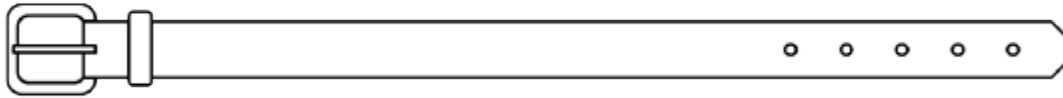
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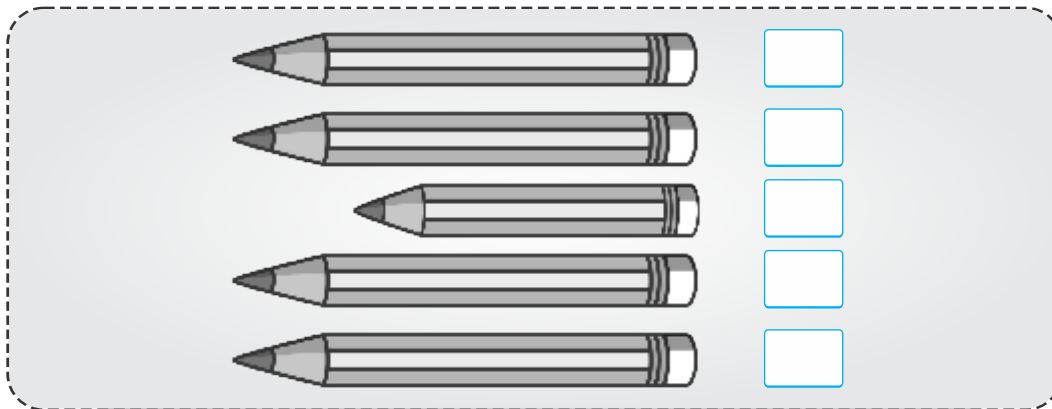
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Long and Short

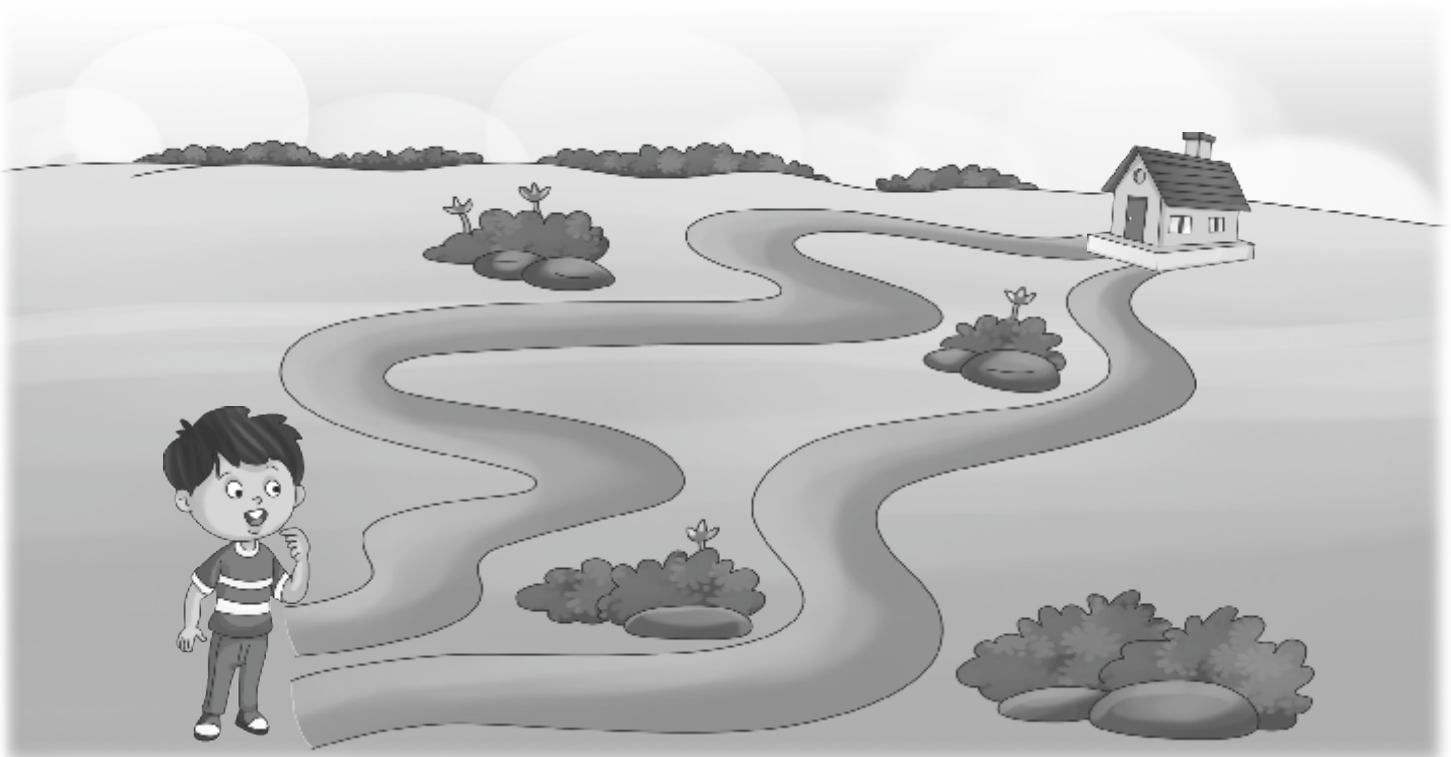
▶ Shade the long belt.



▶ Tick (✓) the pencil that is different from others.



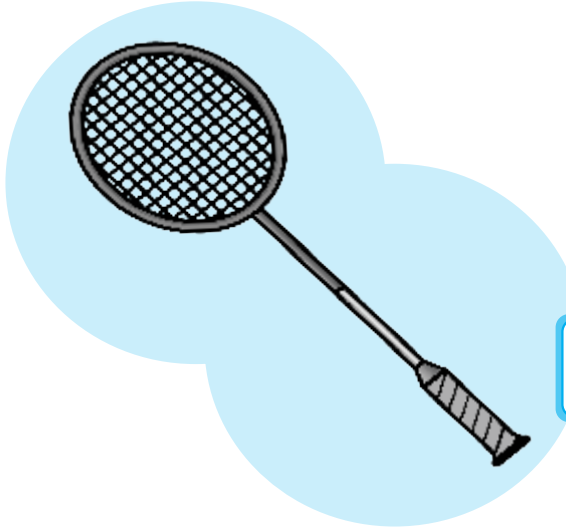
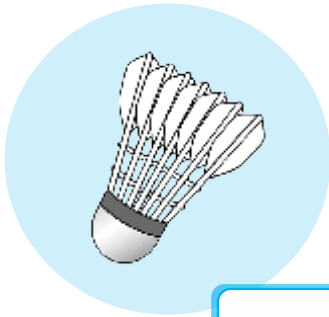
▶ Draw a line to help the child reach home through the short route.



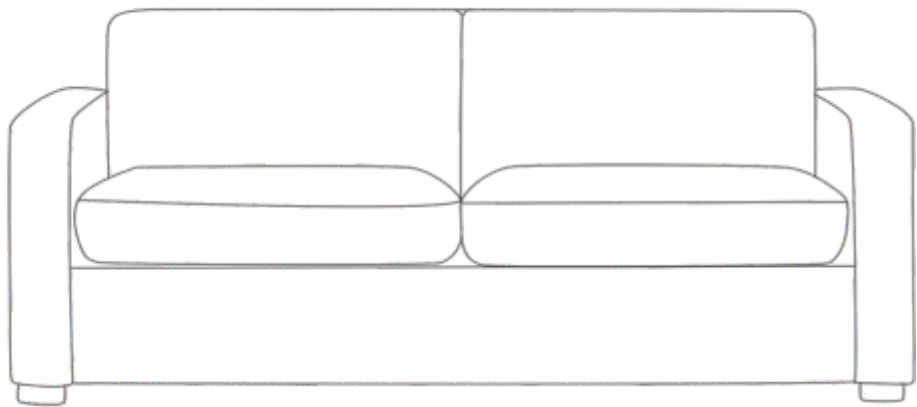
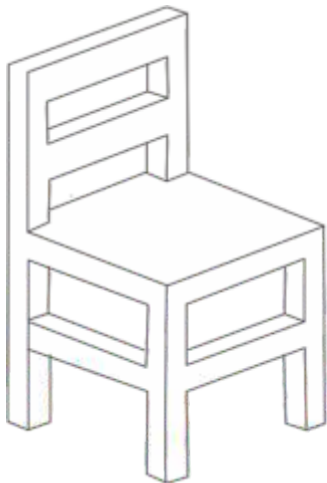
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Heavy and Light

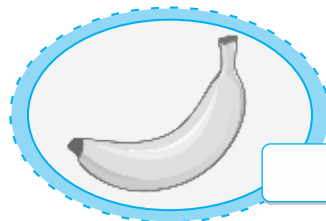
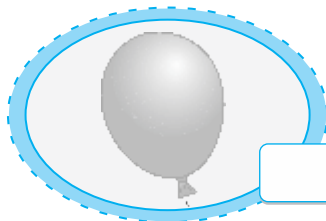
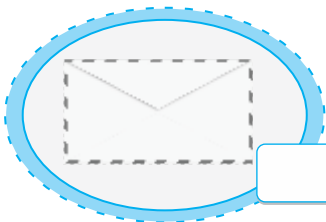
Tick (✓) the heavy object and circle the light one.



Colour the heavy object.



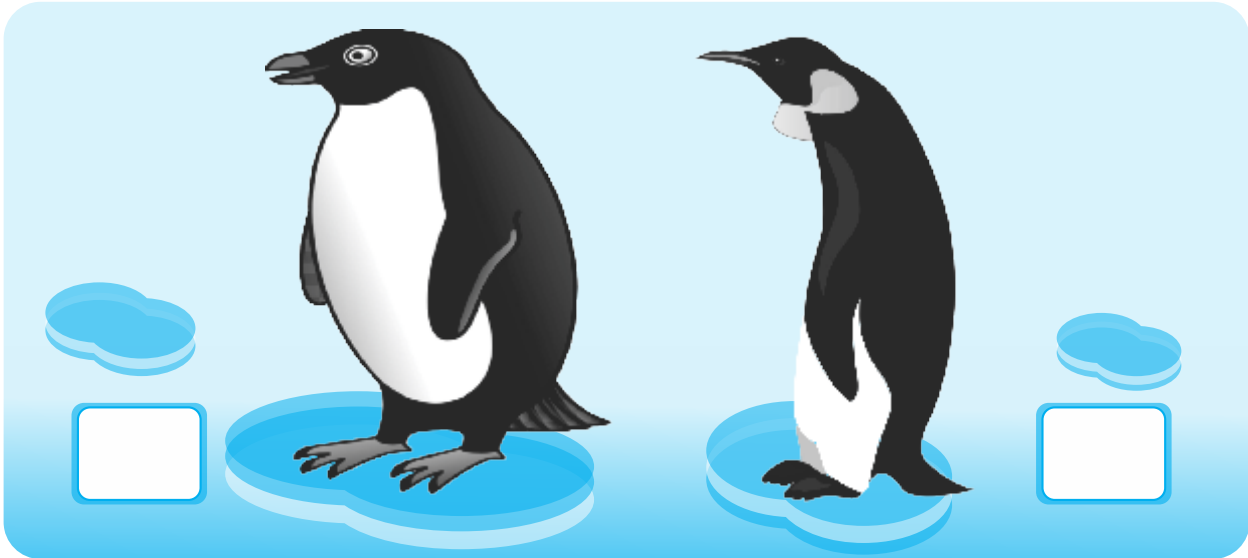
Tick (✓) the objects that you can blow away.



5

Thick and Thin

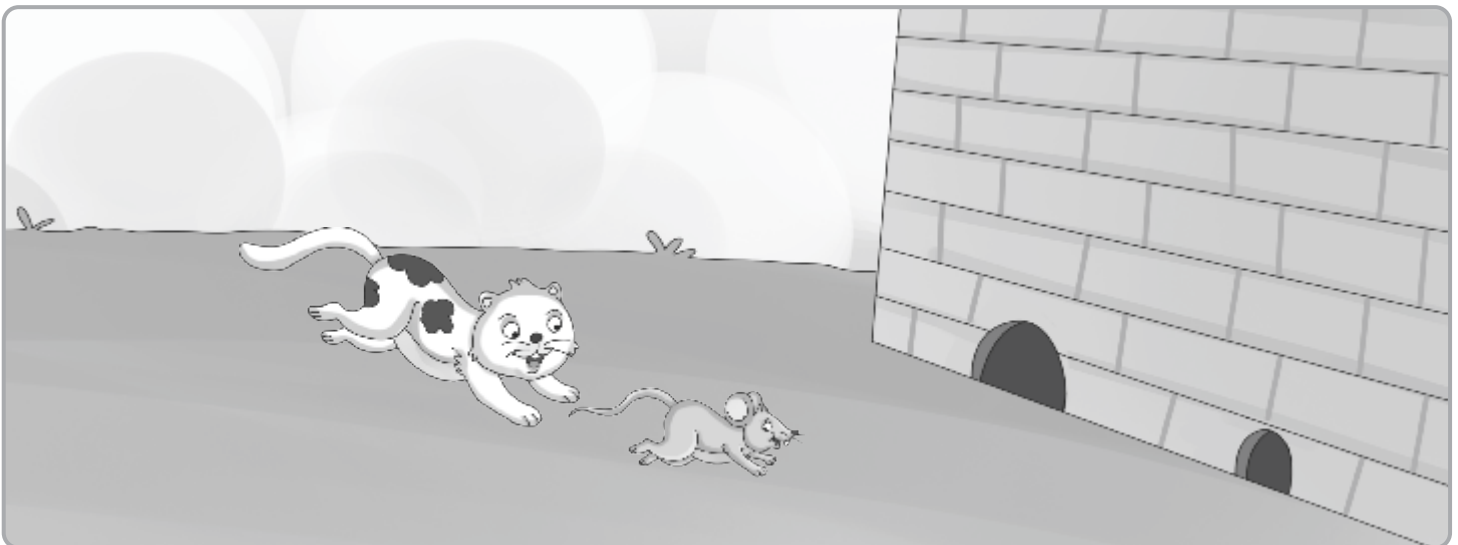
▶ Circle the thin penguin. Tick (✓) the thick one.



▶ Circle the flute that is different from others.



▶ Help the rat save itself. Circle the hole the rat should enter.

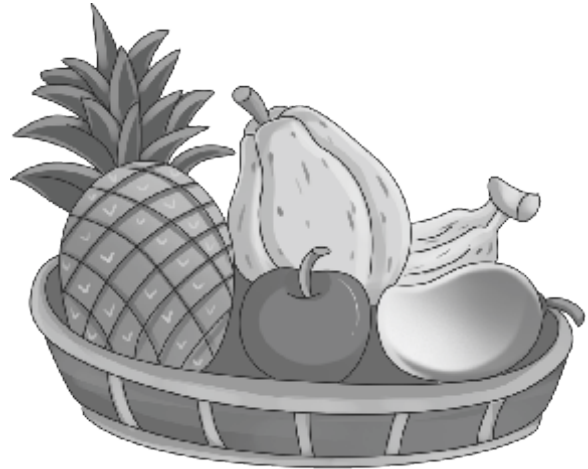


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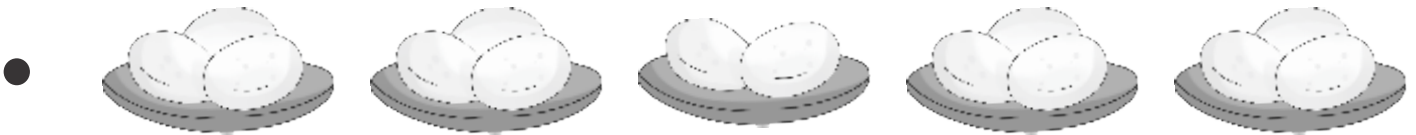
More and Less

▶ Tick (✓) the basket with more fruits. Circle the basket with less fruits.





▶ Circle the one that is different from others in each set.



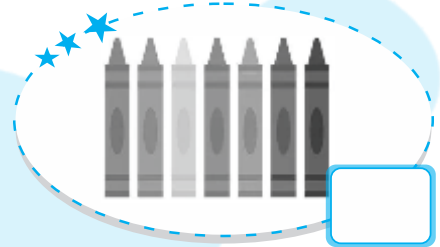
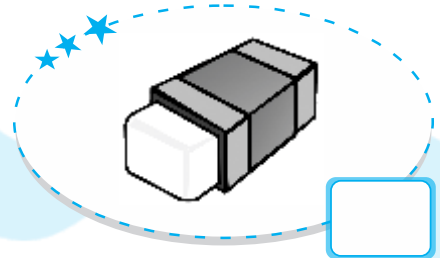
7

On and Under

Colour the teddy that is on the table.



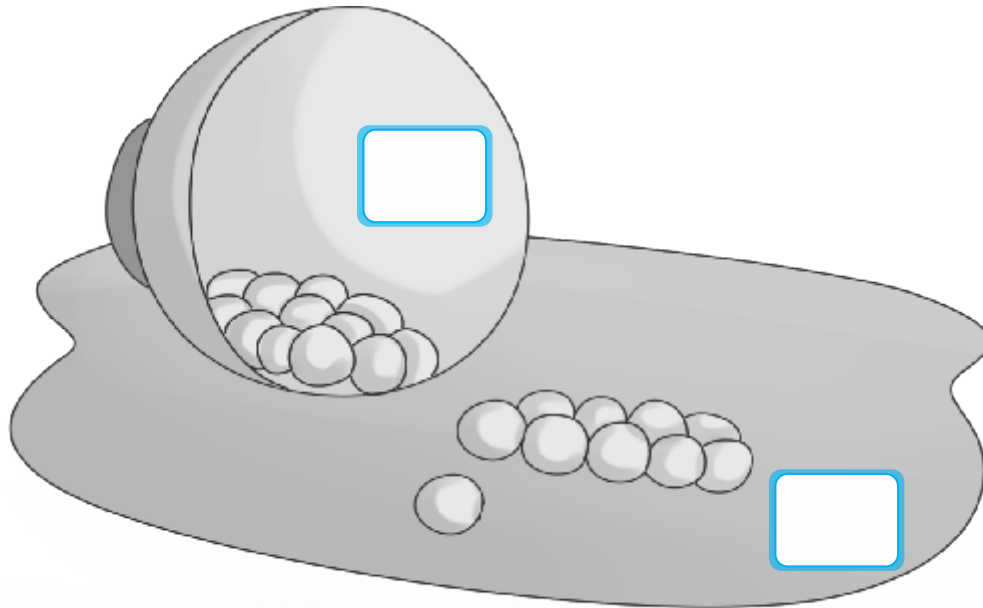
Tick (✓) the objects that should be on your study table.



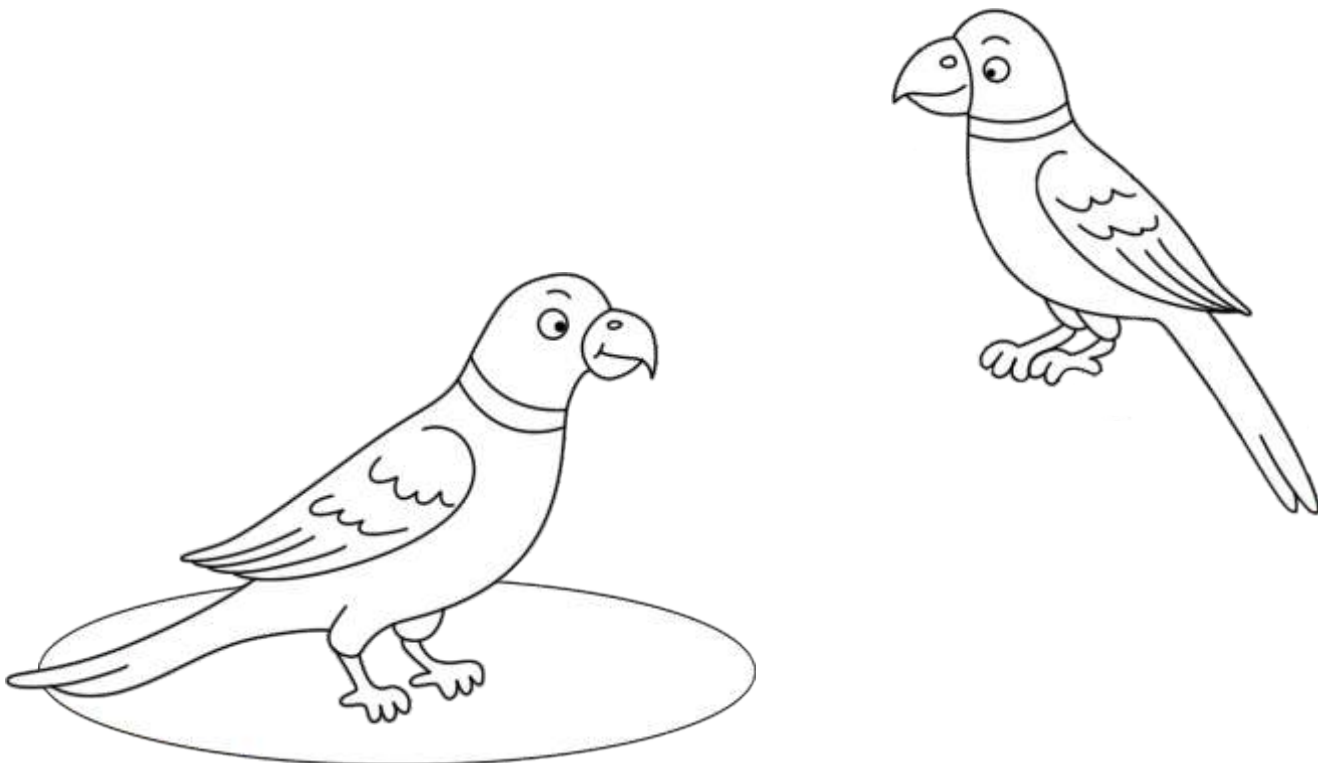
8

In and Out

- ◆ Tick (✓) the cheese balls that are in the bowl.
Cross out (X) the cheese balls that are out of the bowl.



- ◆ Colour the bird that is out of the circle.



9

Top and Bottom

◆ Point at the children one by one and say 'top' and 'bottom'.



◆ Tick (✓) the things that will not work if you turn them upside down.





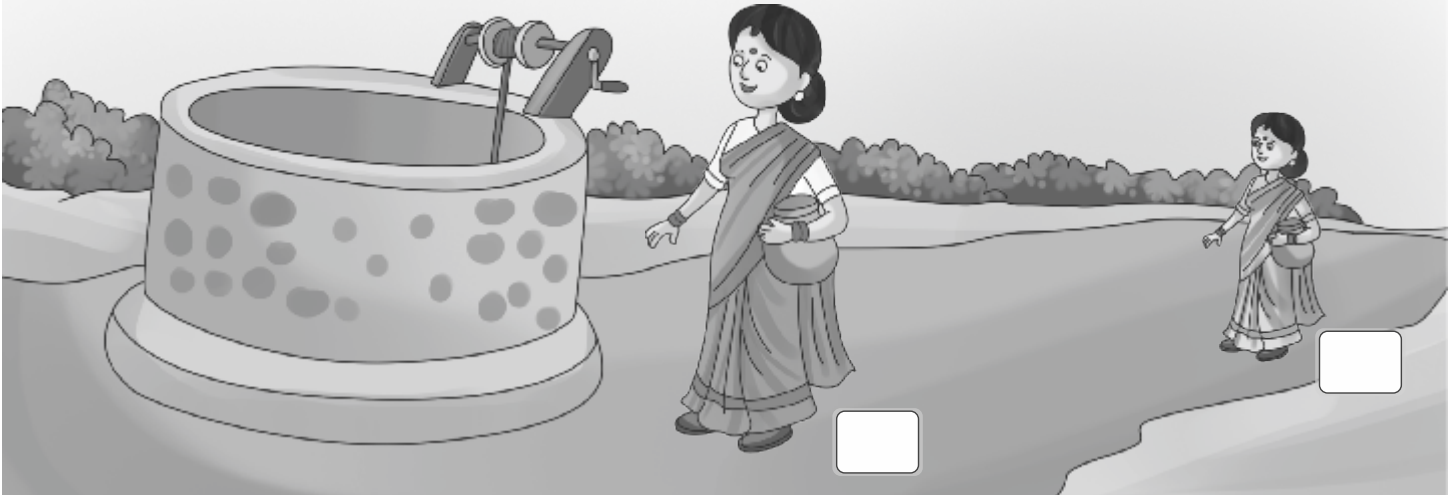




10

Near and Far

◆ Tick (✓) the woman who is near to the well. Circle the woman who is far from it.



◆ Colour the kite blue that is flying near. Colour the one red that is far. Also, colour the whole picture.



1

+

✓

14

Y

8

6

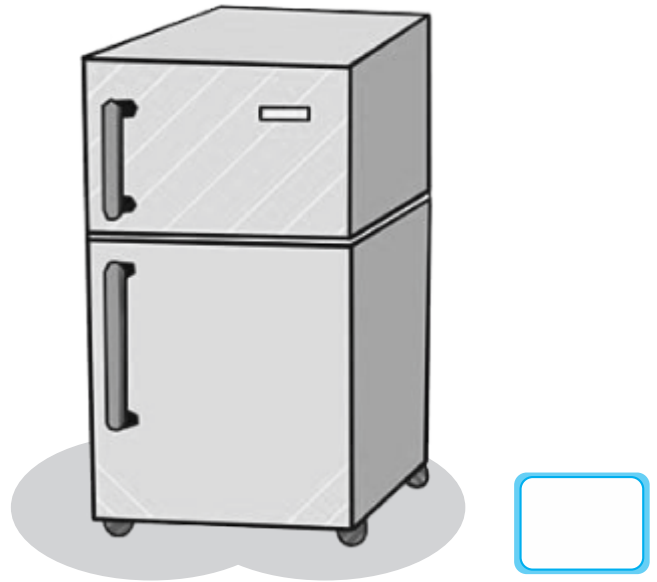
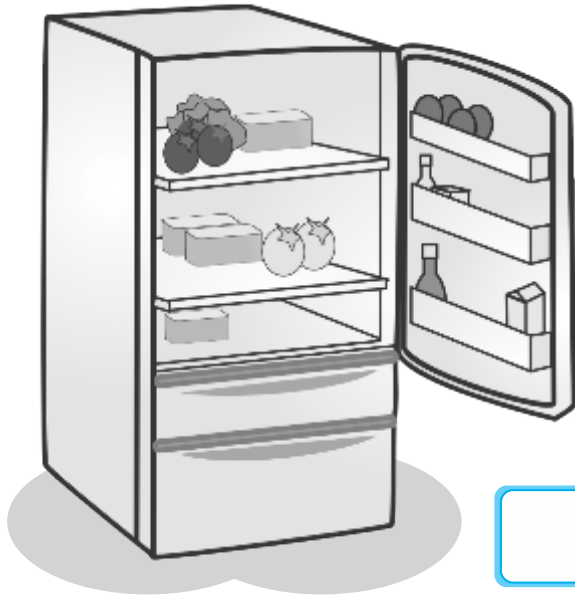
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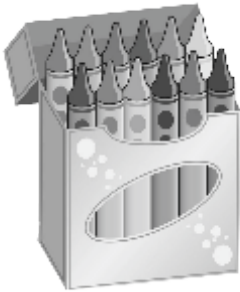
11

Closed and Open

▶ Tick (✓) the refrigerator that is closed. Cross out (x) the one that is open. Also, say 'Closed' and 'Open' aloud.



▶ Circle the things which you are not allowed to open.



CRAYON BOX



ALMIRAH



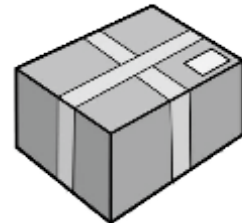
WATER BOTTLE



MATCH BOX



PRESSURE COOKER



PARCEL



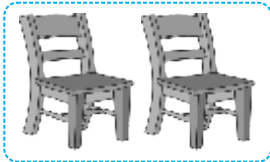
12

Number 1 to 5

Trace and write each number. Also, say it aloud.

1	2	3	4	5

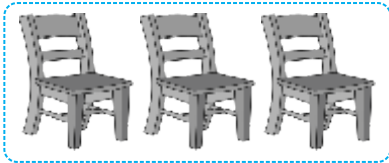
Match the chairs with the numbers correctly.



•

•

1



•

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2



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•

3

Colour as many circles blue as the numbers given.

1	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○
3	○	○	○	○	○	○	○
4	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○



1



16

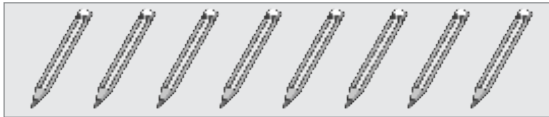


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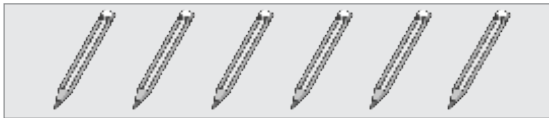
Number 6 to 10 and 0

Trace and write each number. Also, say it aloud.

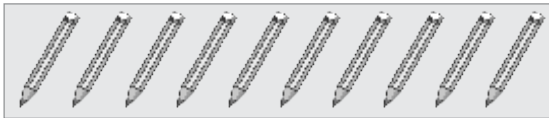
Match the pencils with the numbers correctly.



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•

Colour as many triangles red as the numbers given.

6	
8	
0	
10	

14

Counting and Reverse Counting

Count 1 to 10 and then 10 to 1. Also, draw as many lines as the numbers related. First two have been done for you.

1 ONE	
2 TWO	
3 THREE	
4 FOUR	
5 FIVE	
6 SIX	
7 SEVEN	
8 EIGHT	
9 NINE	
10 TEN	

10 TEN	
9 NINE	
8 EIGHT	
7 SEVEN	
6 SIX	
5 FIVE	
4 FOUR	
3 THREE	
2 TWO	
1 ONE	



1



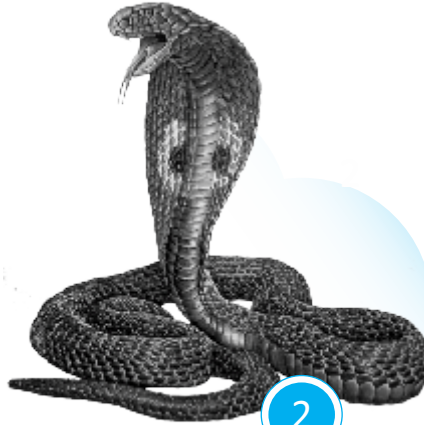
18



◆ Look at the three animals.



1



2



3

Now, read the questions and write the number of each animal.

- Which animal is between the other two animals?
- Which animal is before the snake?
- Which animal is after the snake?

◆ Write the numbers that are between.

1 35 78 10

◆ Write the numbers that come before.

 3 8 10

◆ Write the numbers that come after.

5 8 3

◆ Write the missing numbers.

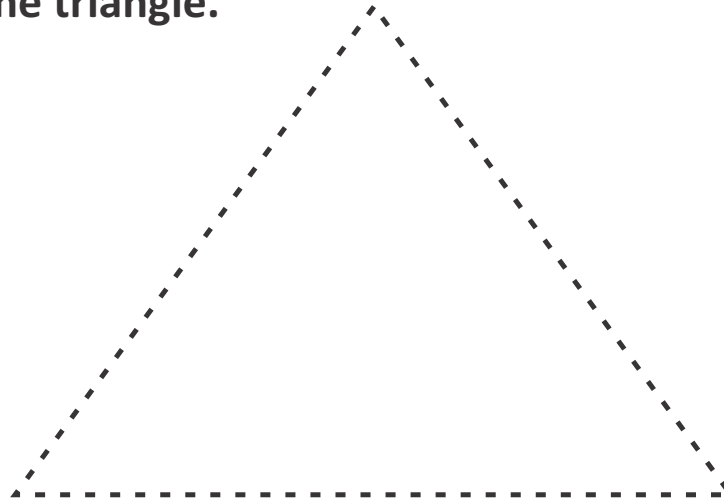
<input type="text"/>	2	3	<input type="text"/>	<input type="text"/>	6	<input type="text"/>	8	<input type="text"/>	10
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<input type="text"/>	9	<input type="text"/>	7	<input type="text"/>	5	<input type="text"/>	<input type="text"/>	2	1
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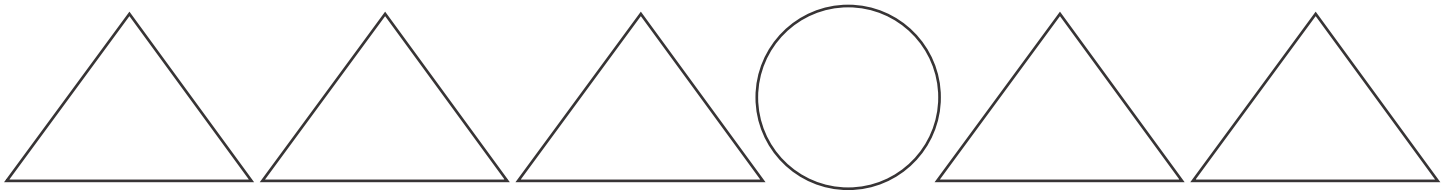


16 Triangle

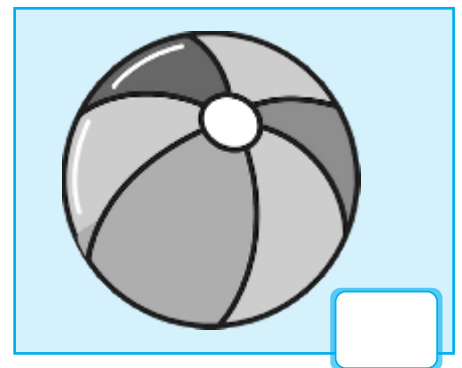
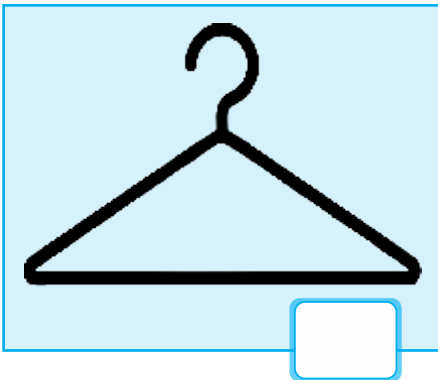
Trace and colour the triangle.



Cross the odd shape out.



Tick (✓) the things that look like a triangle.



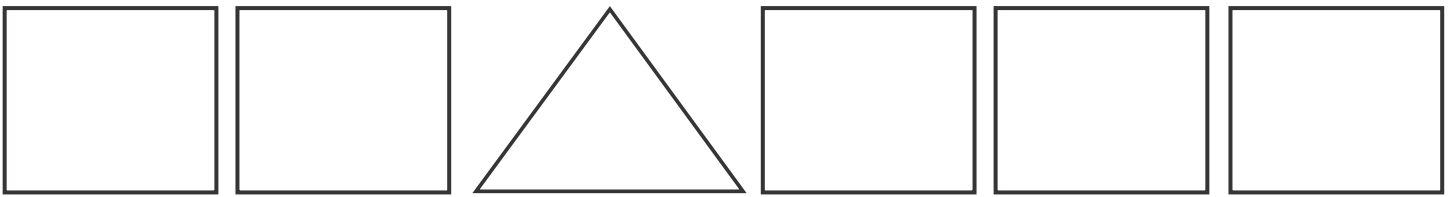
17

Square

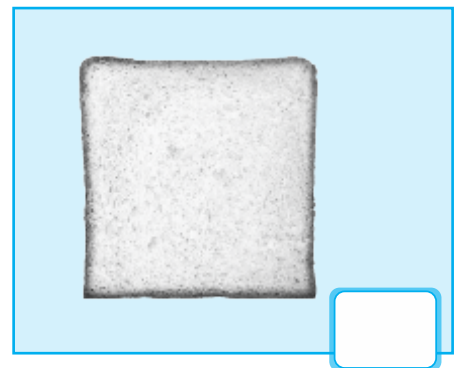
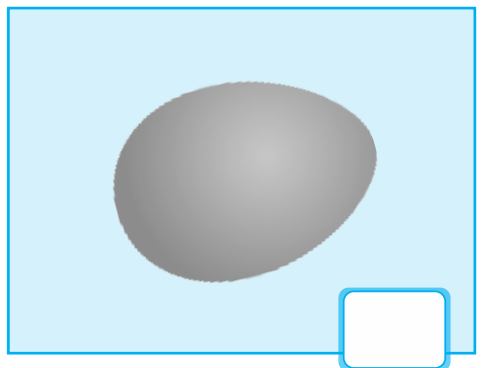
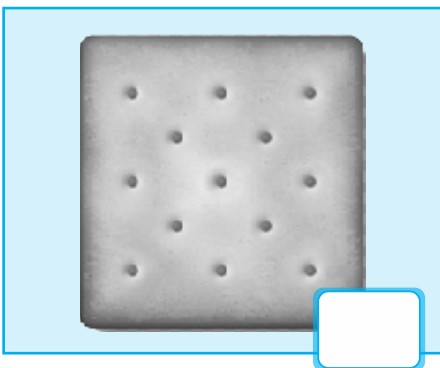
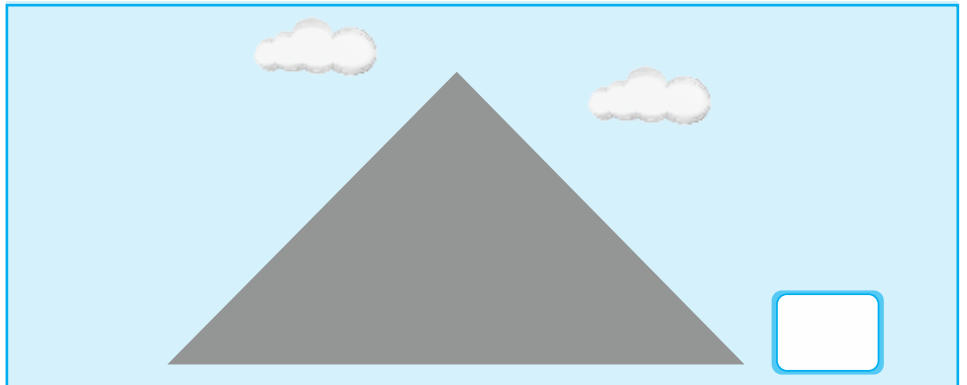
Trace and colour the square.



Cross the odd shape out.



Circle the things that look like a square.



18 Rectangle

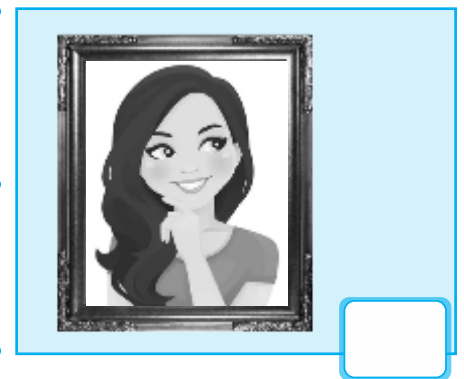
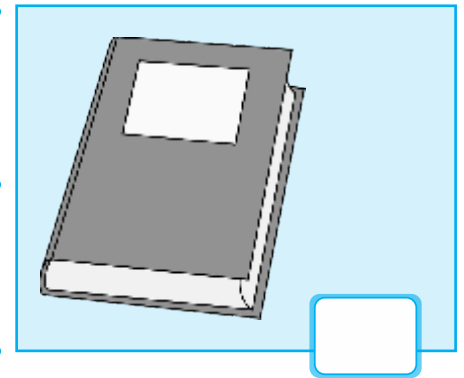
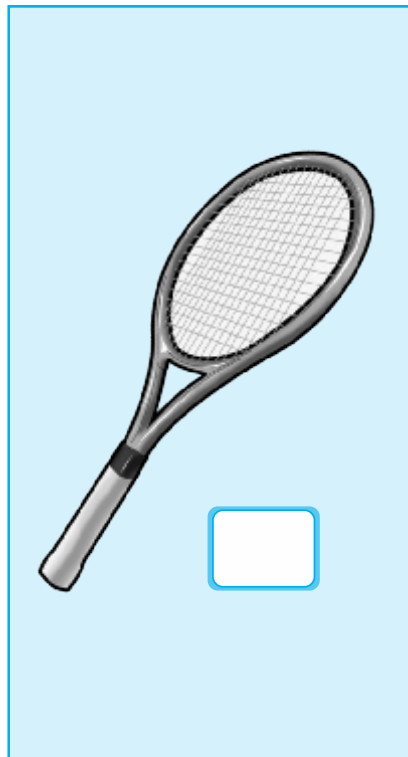
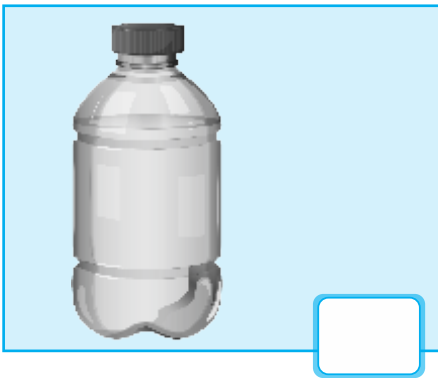
Trace and colour the rectangle.



Cross the odd shape out.

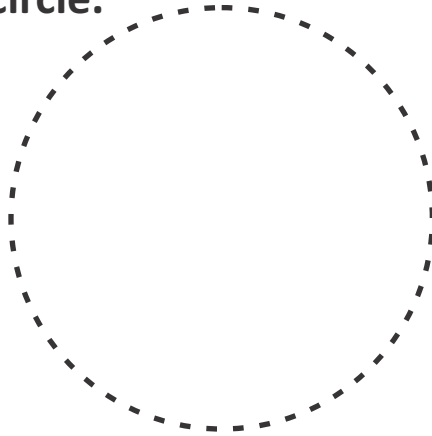


Tick (✓) the things that look like a rectangle.

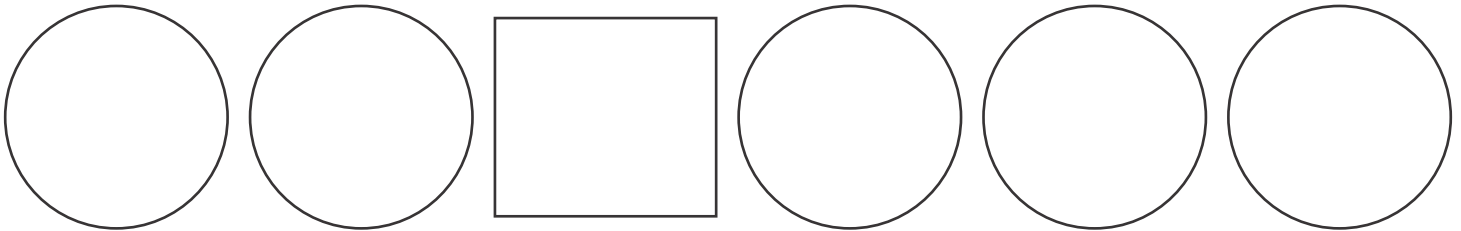


19 Circle

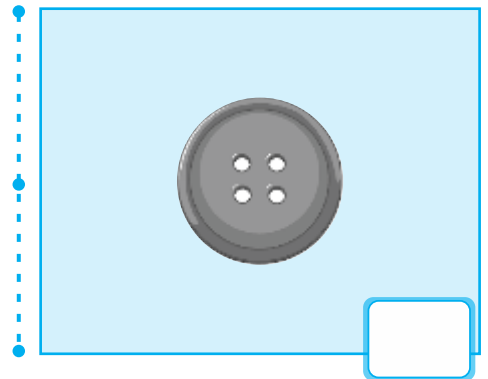
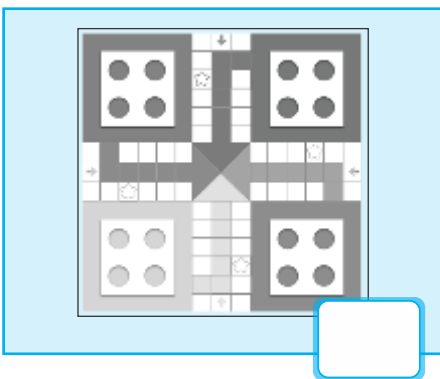
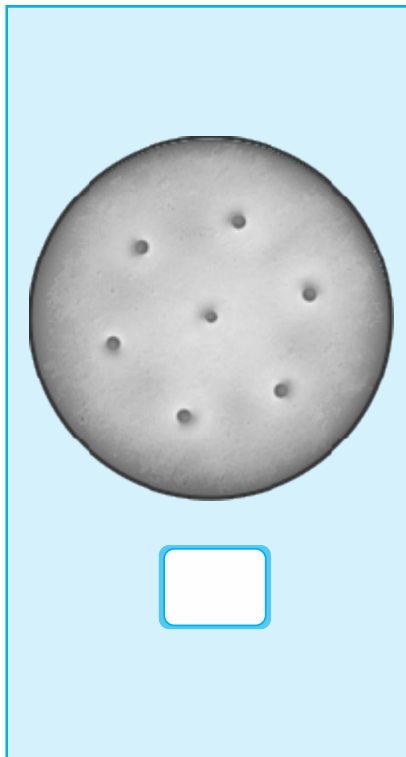
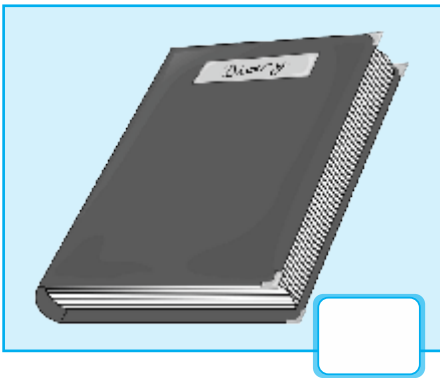
Trace and colour the circle.



Cross the odd shape out.







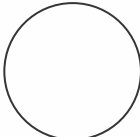
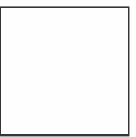

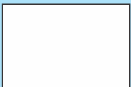

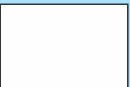











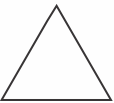


Tick (✓) the things that look like a circle.



20 Pattern

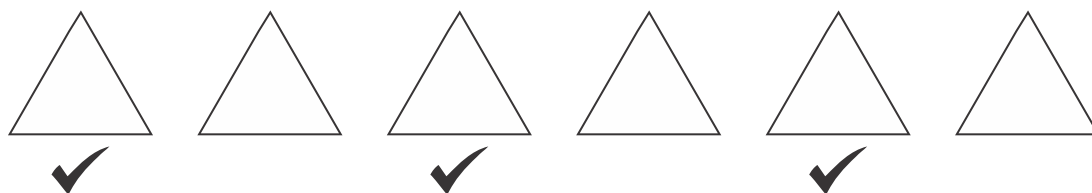
Tick (✓) the shape that will complete the pattern.

Colour all the triangles.



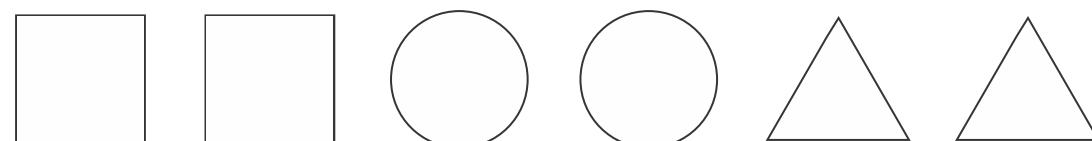
Colour the triangles that are ticked.



Colour the circles blue and triangles green.



Colour the squares blue, circles yellow and triangles brown.




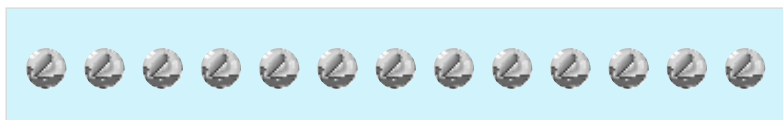
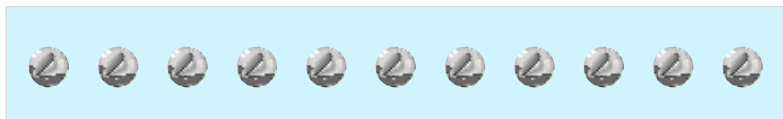
21

Number 11, 12, 13

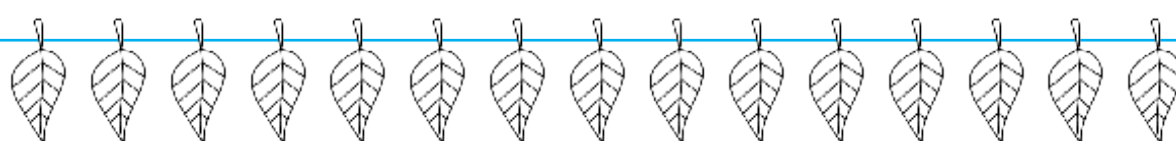
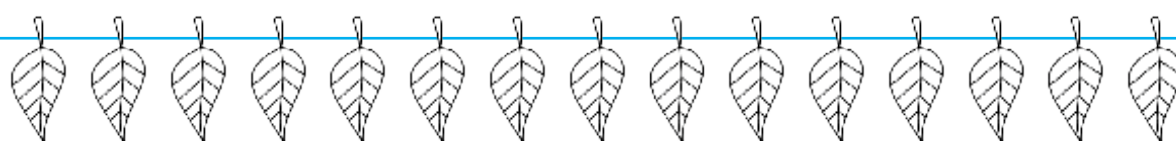
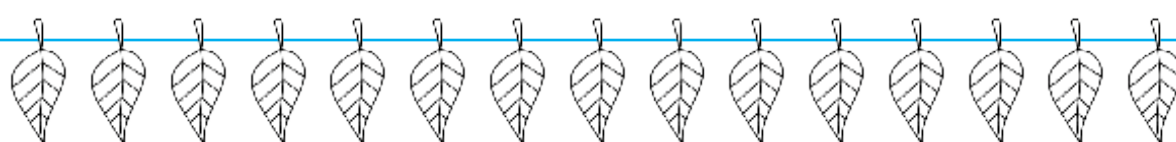
Trace and write each number. Also, say it aloud.

11	12	13

Match the marbles with the numbers correctly.

	•	<input type="checkbox"/>	11
	•	<input type="checkbox"/>	12
	•	<input type="checkbox"/>	13

Colour as many leaves green as the numbers given.

<input type="checkbox"/> 11	
<input type="checkbox"/> 12	
<input type="checkbox"/> 13	



Trace and write each number. Also, say it aloud.

14	15	16

Match the shuttlecocks with the numbers.



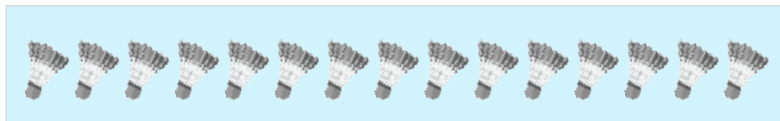
•

14



•

15



•

16

Draw as many lines as the numbers given.

4

5

6



1

+



26

Y







6

3

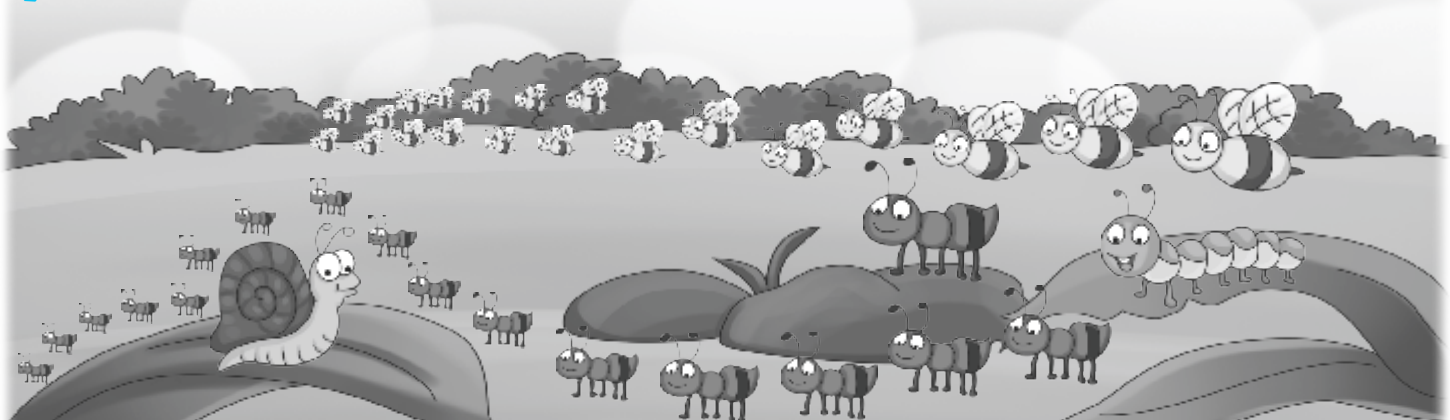
Trace and write each number. Also, say it aloud.

17	18	19	20

Match the birds with the numbers.

	•	•	17
	•	•	18
	•	•	19
	•	•	20

Look at the picture and write the number of insects.



Number of ants:

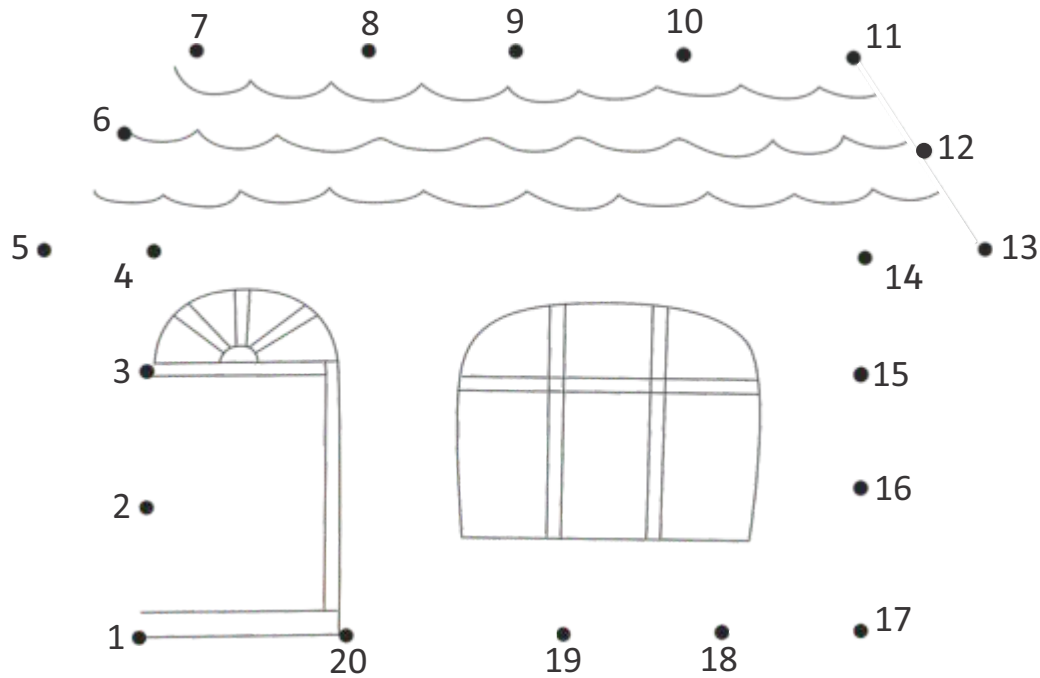
Number of bees:



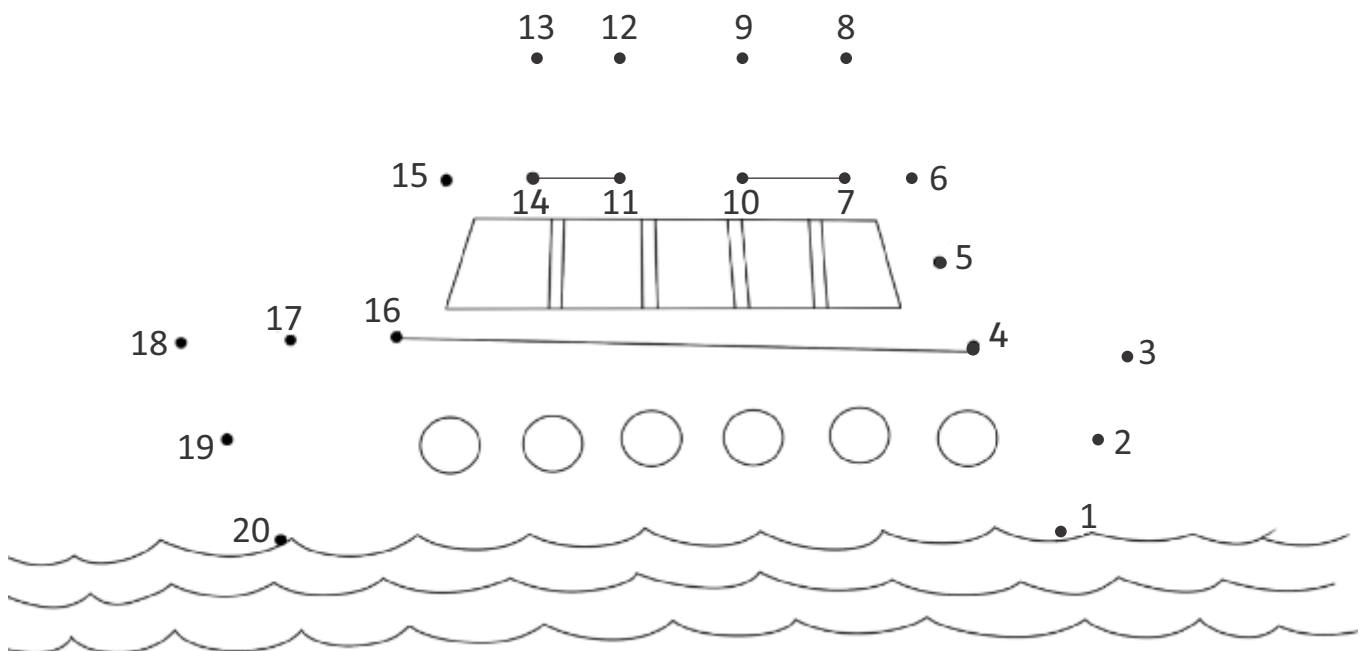
24

Counting and Reverse Counting

Join the numbers from 1 to 20 to complete the drawing. Say each number aloud as you reach it.



Join the numbers from 20 to 1 to complete the drawing. Say each number aloud as you reach it.



Point and say each number aloud.

21	22	23	24	25	26
27	28	29	30	31	32
33	34	35	36	37	38
39	40	41	42	43	44
45	46	47	48	49	50

Write the number that is between.

21	23	28	30
----	-------	----	----	-------	----

Write the number that comes before.

.....	35	42
-------	----	-------	----

Write the number that comes after.

31	29
----	-------	----	-------

Write the missing numbers.

- 23 24 26 29 31
- 51 48 46 44 42



26

Number 51 to 100

▶ Point and say each number aloud.

51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

▶ Write the number that is between.

53	55	66	68
----	-------	----	----	-------	----

▶ Write the number that comes before.

.....	72	81
-------	----	-------	----

▶ Write the number that comes after.

76	95
----	-------	----	-------

▶ Write the missing numbers.

- 61 63 64 66 68 69

- 85 86 88 90 92 94



1



30



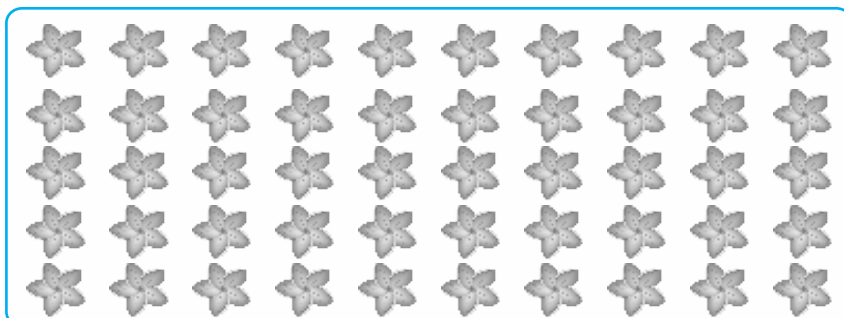
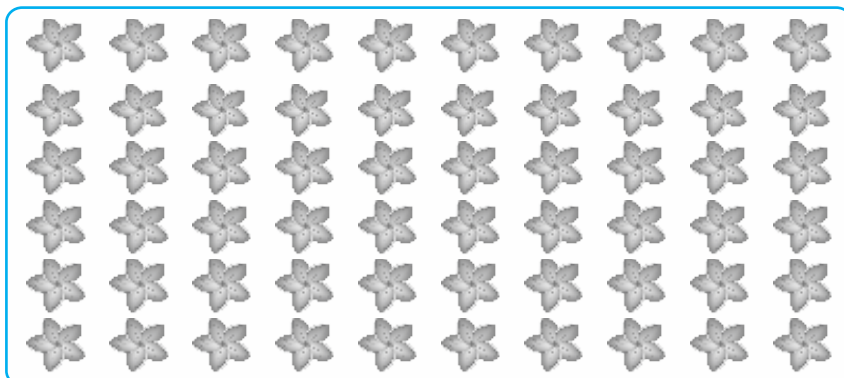
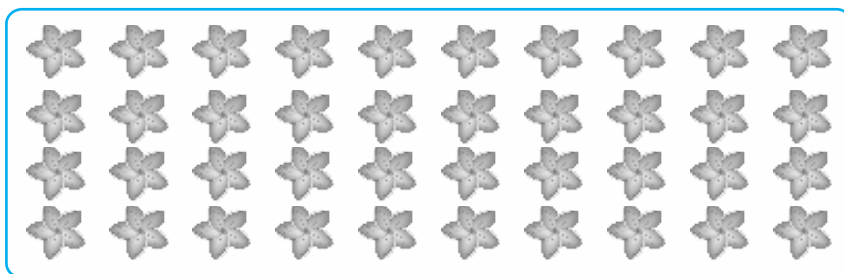
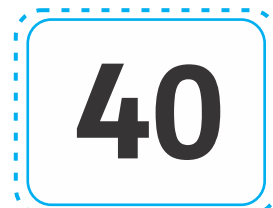
27

Counting in Tens

Point and say these numbers aloud. Also, write them.

10		20		30		40		50	
60		70		80		90		100	

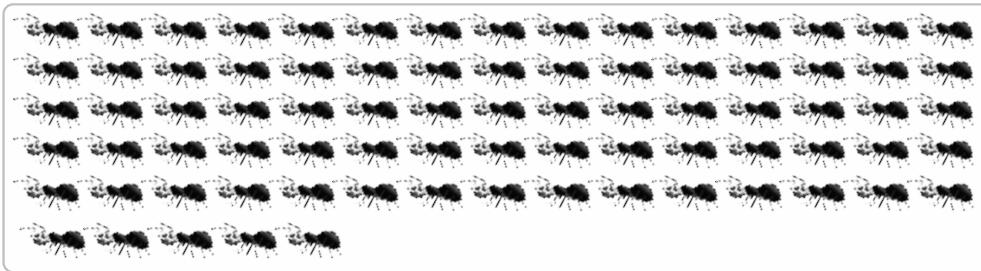
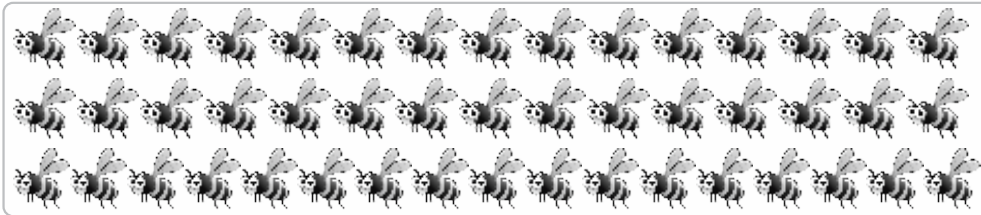
Match the flowers with the numbers correctly.



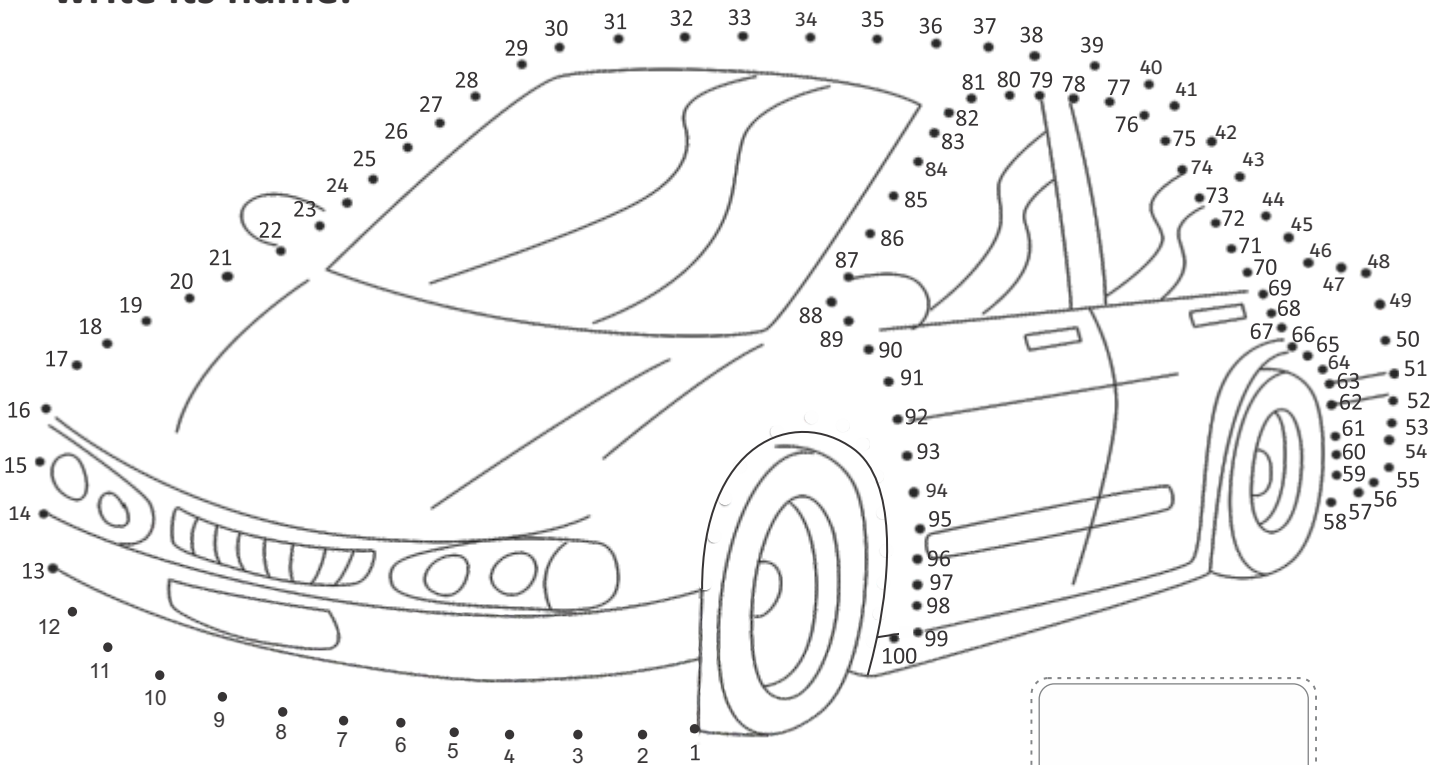
28

Counting from 1 to 100

Count the insects and write their number.



Join the numbers from 1 to 100 to get a picture. Also, colour it and write its name.



1

+

✓

32

Y

8

6

3

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