



*Skillment*

# MATHEMATICS

WORKBOOK

**FS-1**  
Nursery



**PMP Planet**<sup>®</sup>  
Multimedia Publishers  
*The Ultimate Resource*

**PM PUBLISHERS PVT. LTD.**

## Skillment Mathematics Workbook – FS 1 (Nursery)

**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:

<b>Foundational Stage (5 years):</b> Nursery, LKG, UKG, Std. 1 and Std. 2	(3-8 years)
<b>Preparatory Stage (3 years):</b> Std. 3, Std. 4 and Std. 5	(8-11 years)
<b>Middle Stage (3 years):</b> Std. 6, Std. 7 and Std. 8	(11-14 years)
<b>Secondary Stage (4 years):</b> 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](http://pmponline.co.in) provides a vital web support to teachers and learners. It includes the following:

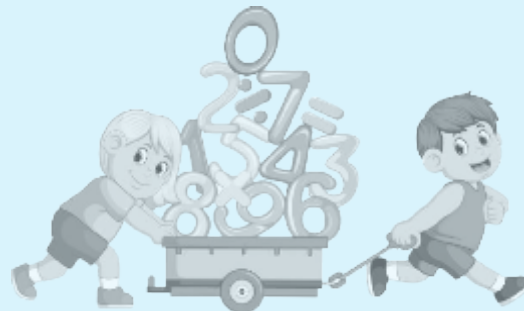
- ◆ **Multimedia ebooks:** consist of animation, audio, video, and interactive exercises
- ◆ **Additional worksheets:** printable worksheets for extra practice
- ◆ **Teacher's resource:** comprises lesson plans
- ◆ **Virtual lessons:** consist of pre-recorded video lessons
- ◆ **AR (Augmented Reality) 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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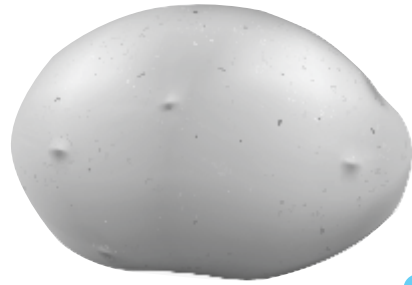
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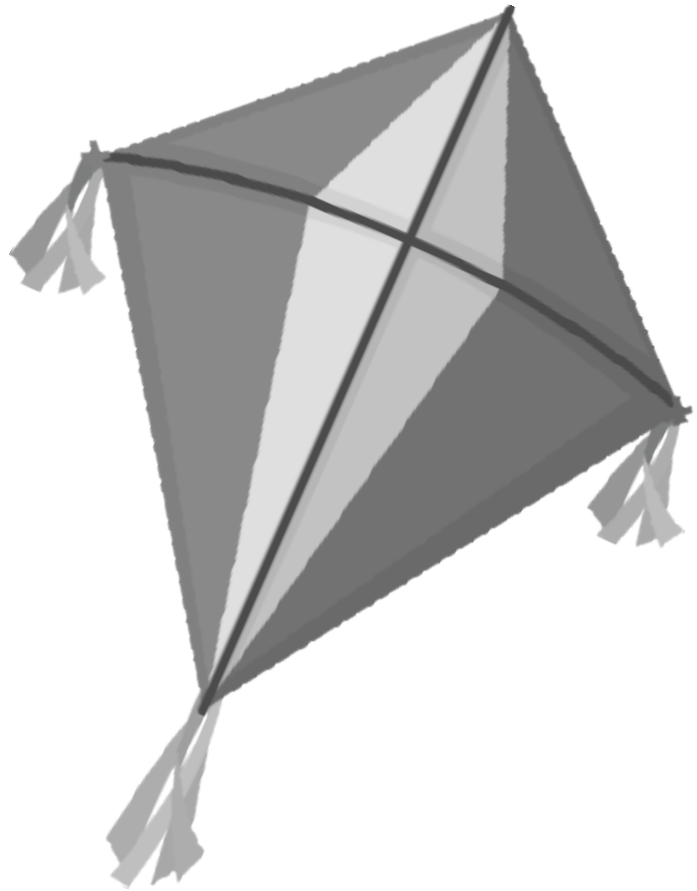
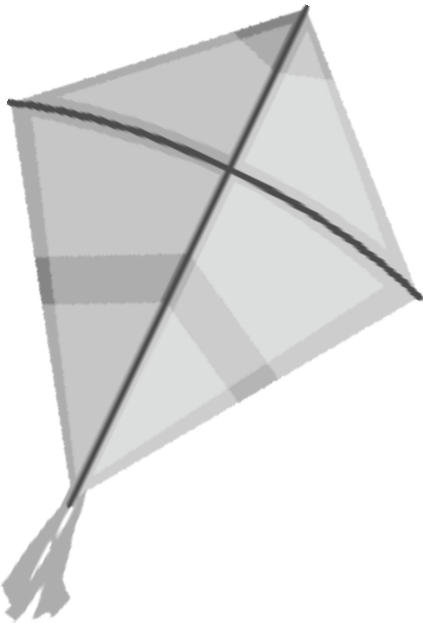
# 1

# Big and Small

Put a tick (✓) below the big vegetable. Put a cross (X) below the small one.



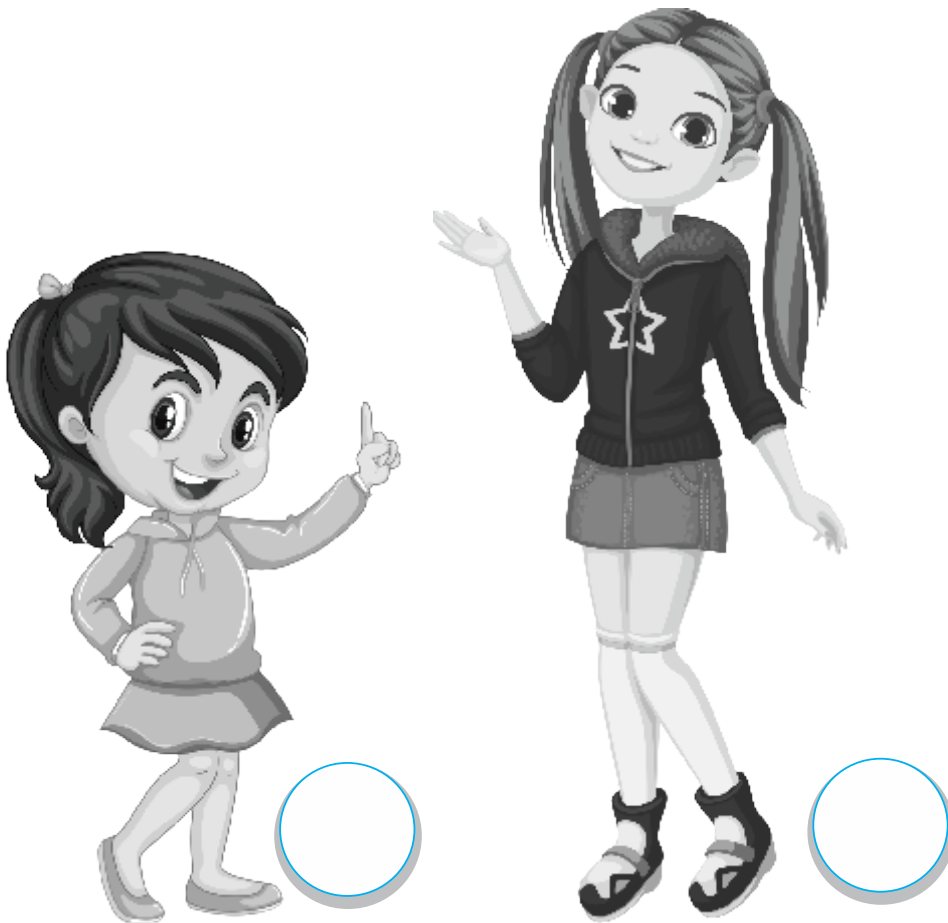
Circle the big kite.



# 2

# Tall and Short

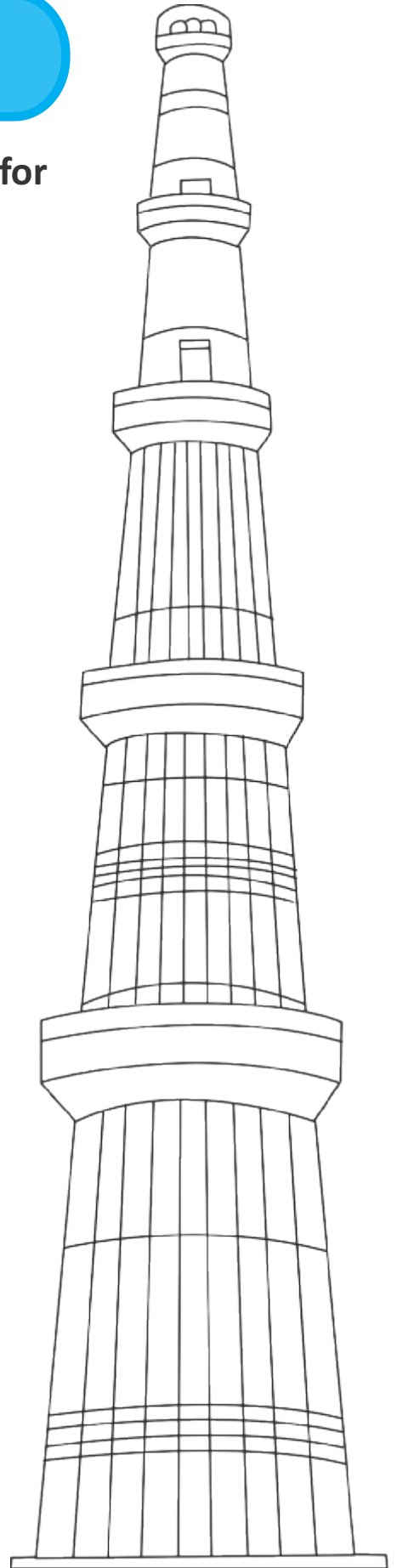
Colour the circle Red for the tall girl and Blue for the short girl.



This is the Qutub Minar. Tick (✓) the correct word and colour it.

TALL

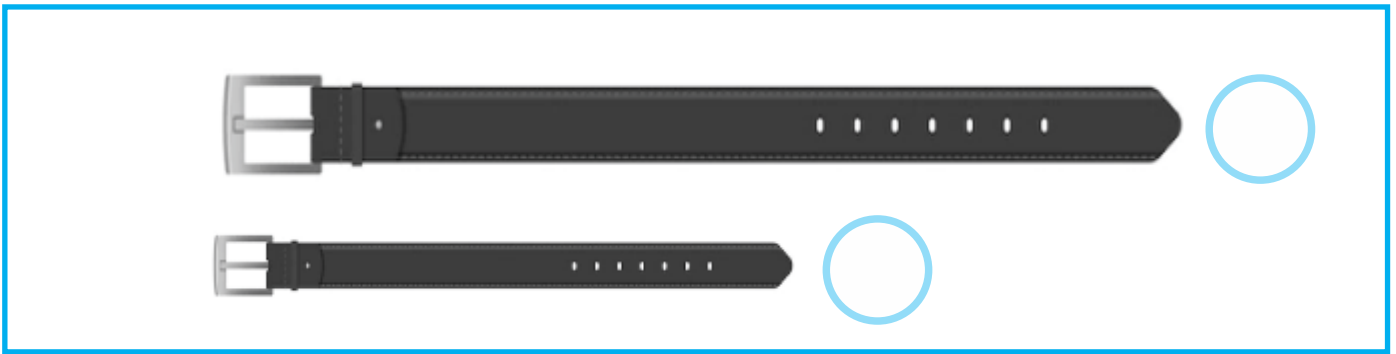
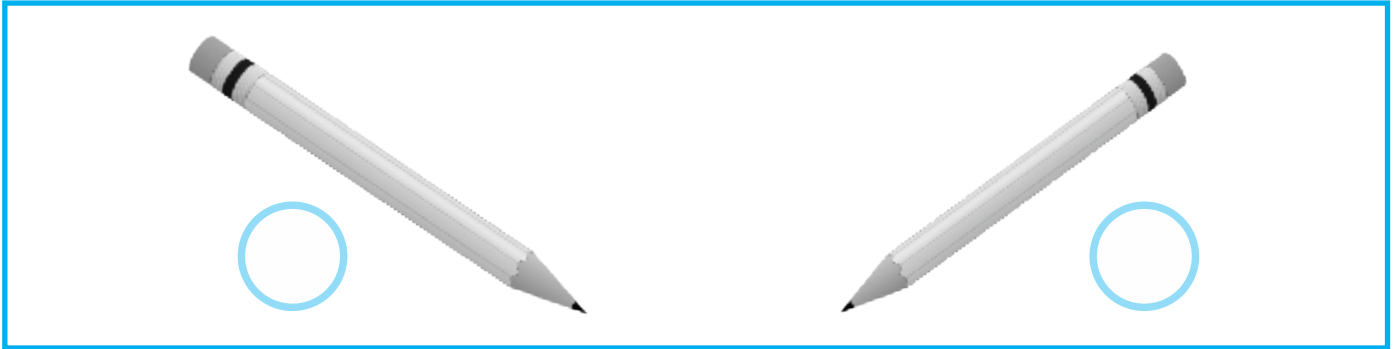
SHORT



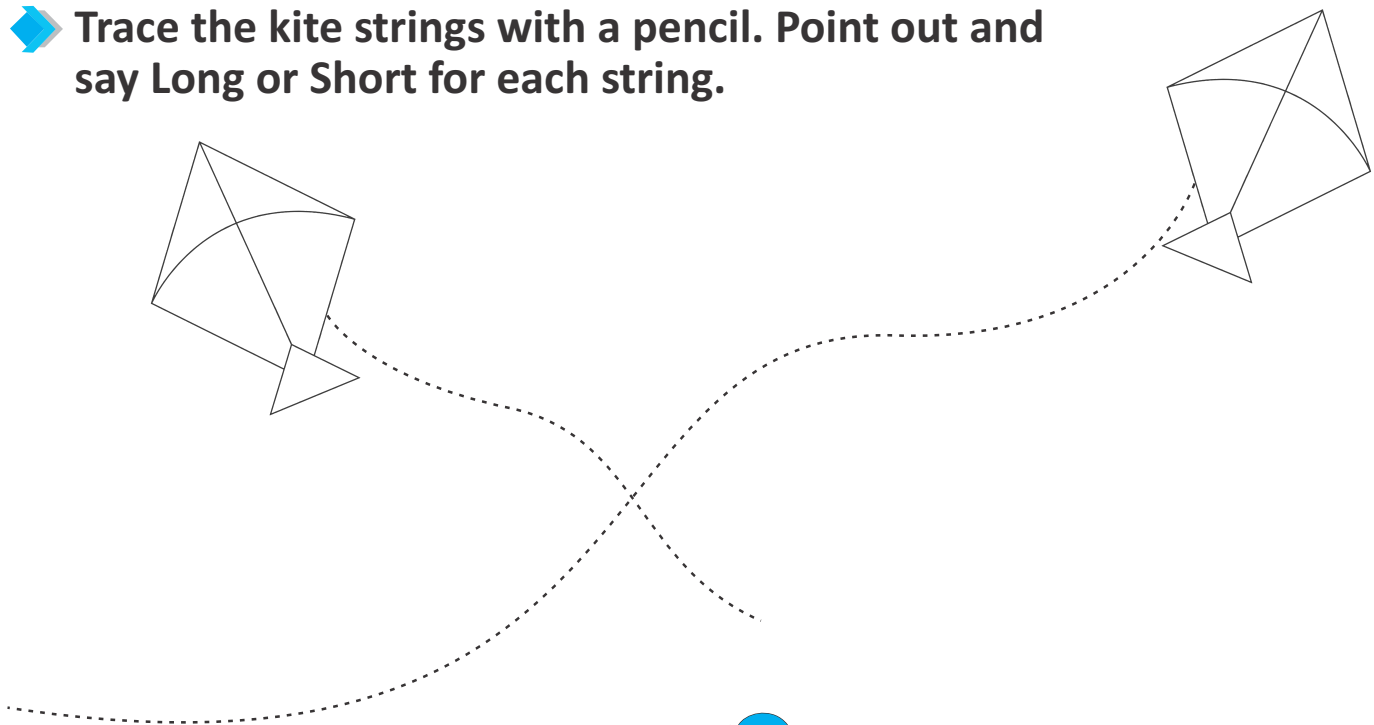
# 3

# Long and Short

Tick (✓) the long things and cross out (X) the short ones.



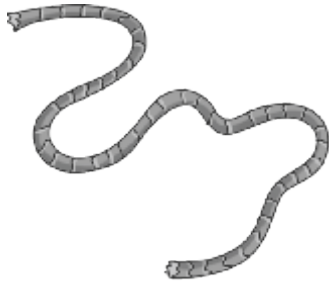
Trace the kite strings with a pencil. Point out and say Long or Short for each string.



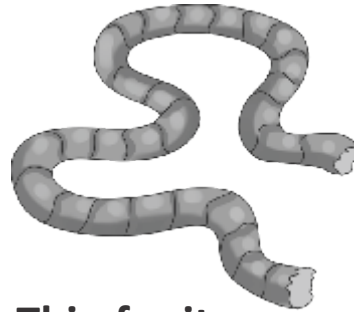
# 4

# Thick and Thin

Point out and say Thick or Thin for each. Also, circle the correct word.

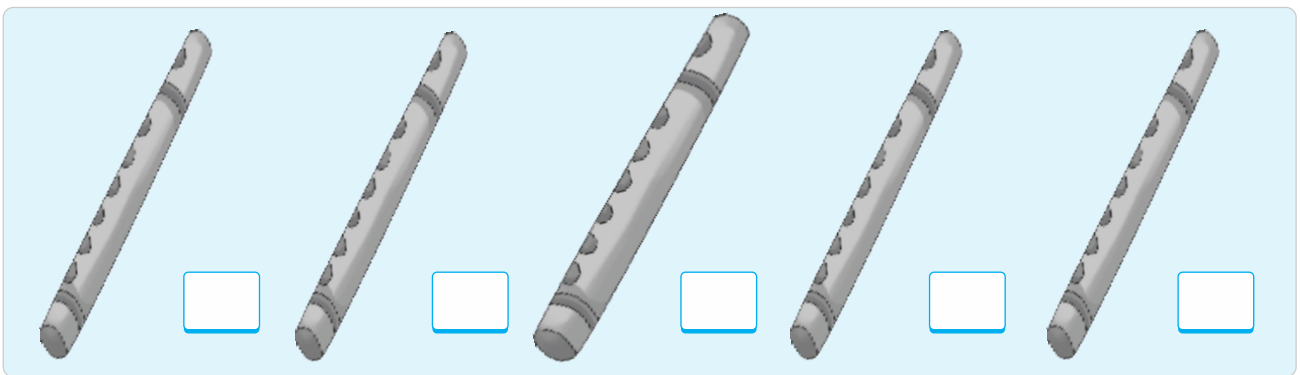
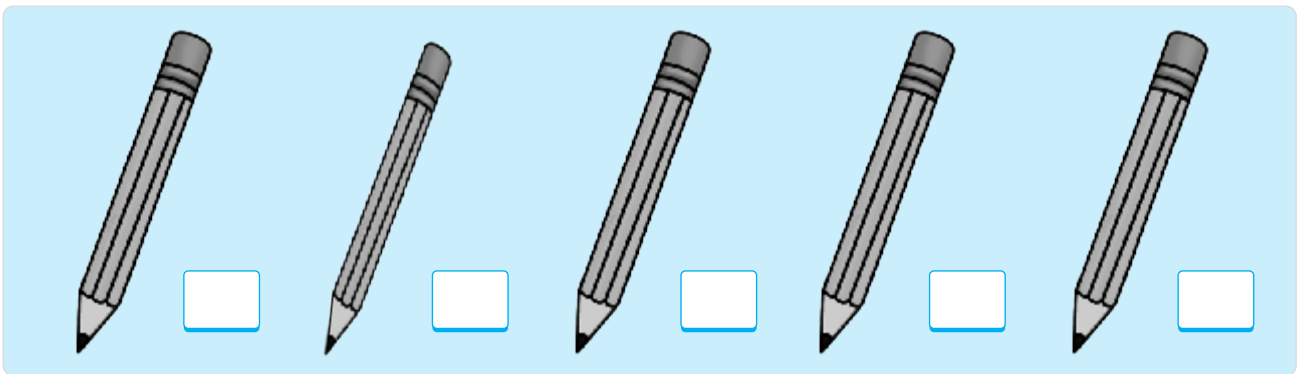
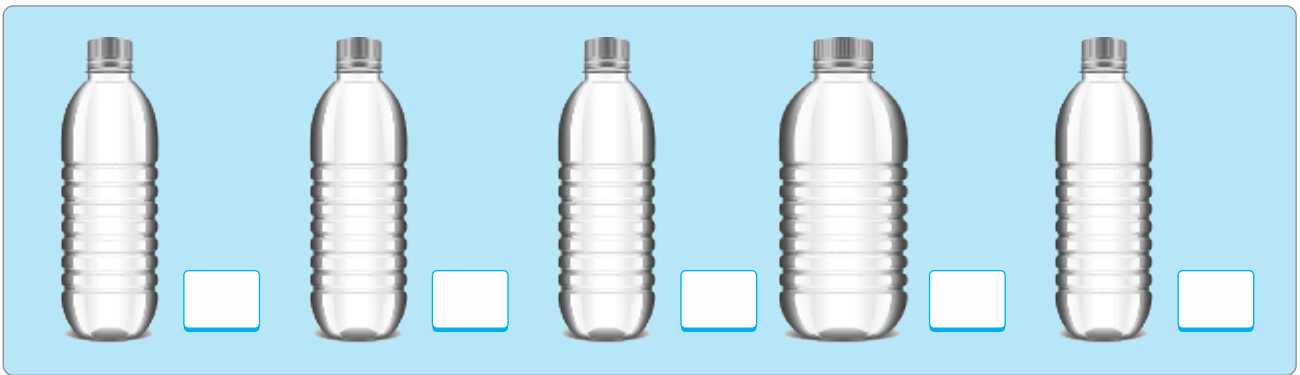


THIN  
THICK



THIN  
THICK

Tick (✓) the odd one and say Thick or Thin for it.

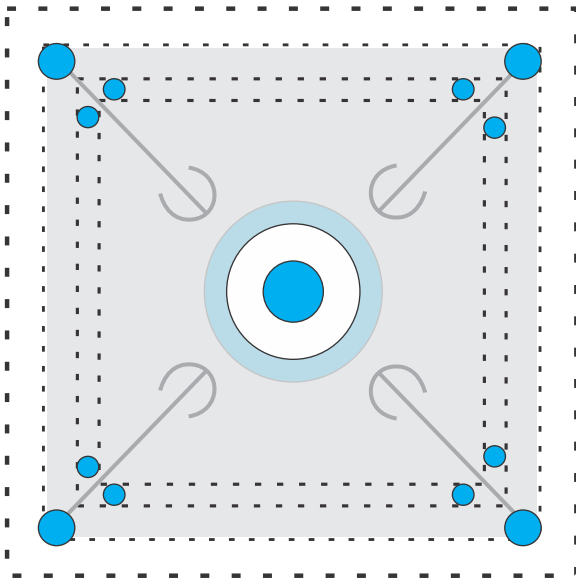




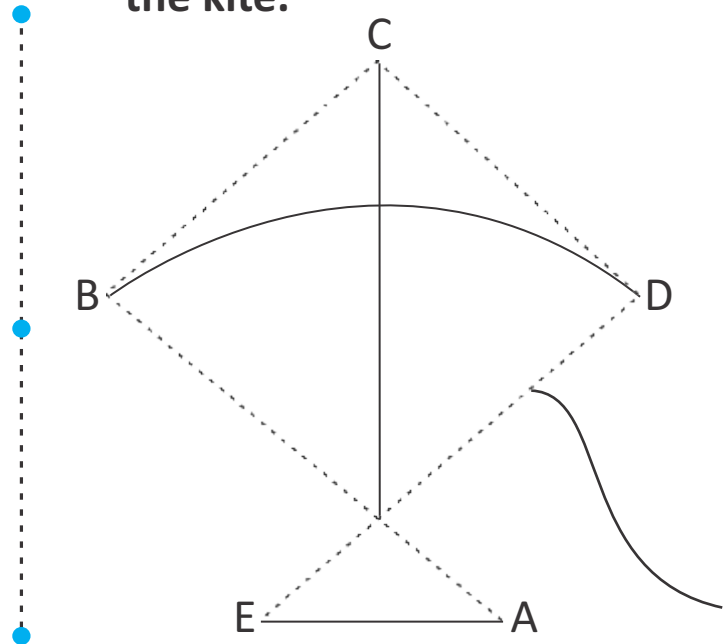
# 5

## Standing, Sleeping and Slanting Lines

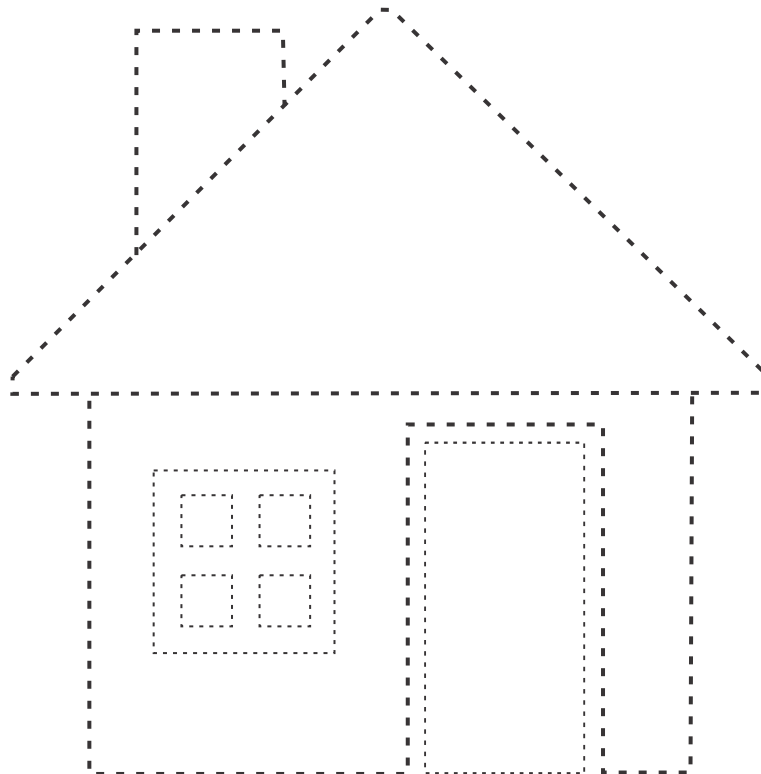
Trace and join the dots to complete the carrom board.



Trace from A to E to complete the kite.



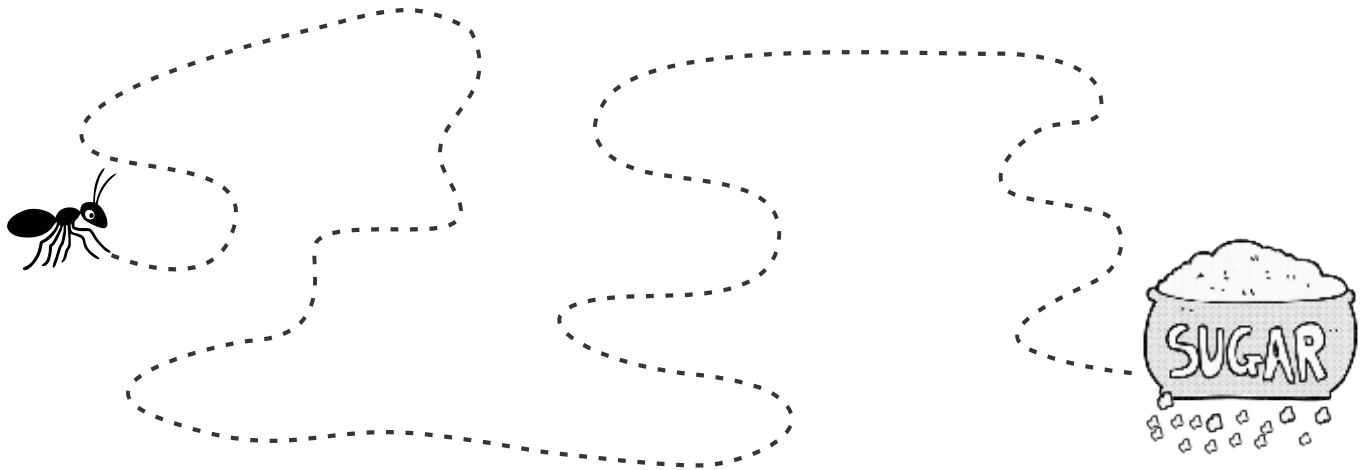
Trace the dotted lines to complete the house. Also, colour it.



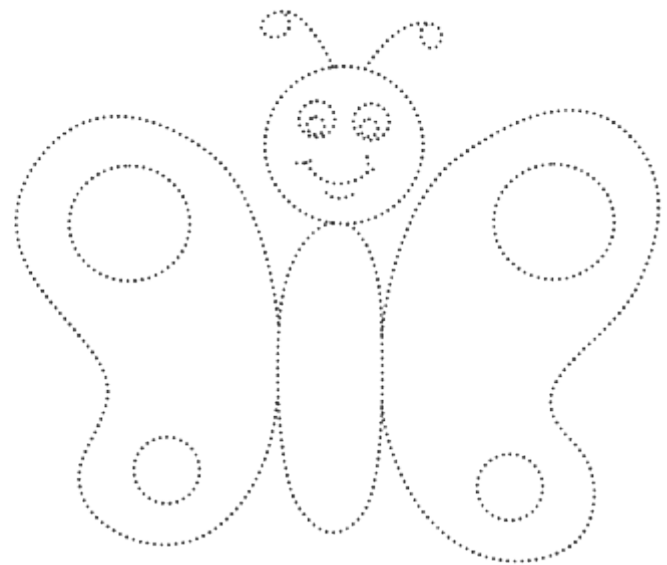
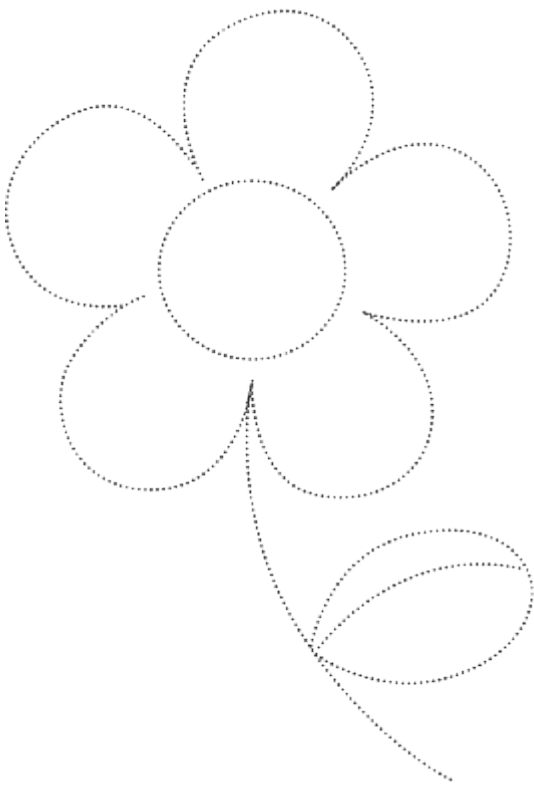
# 6

# Curved Lines

Join the dots to help the ant reach its food.



Trace the dotted lines to complete the drawings. Also, colour them.



1



10

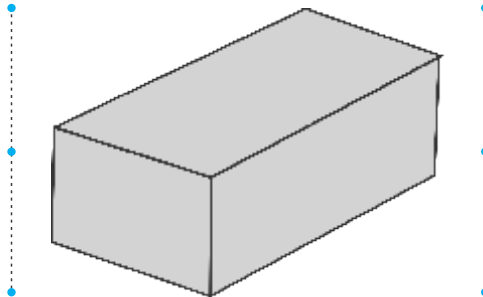


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# 7

# Patterns

◆ Recognise and tick (✓) the type of lines that the pictures show. You may tick more than one box if needed.



Standing

Sleeping

Slanting

Curved

Standing

Sleeping

Slanting

Curved

Standing

Sleeping

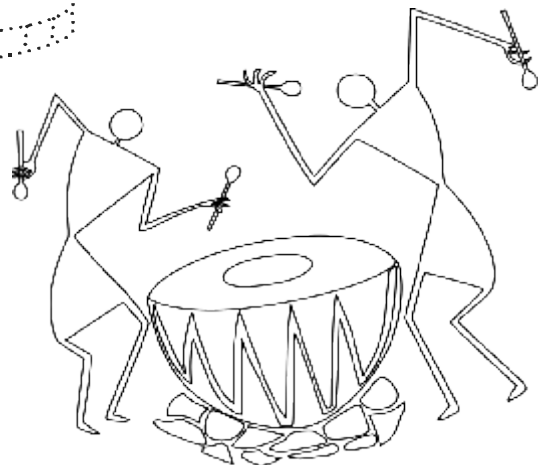
Slanting

Curved

◆ Join the dots to complete the sweater.



◆ Observe the types of lines used in this picture. Colour the picture as you like.



# 8

# Number 1, 2 and 3

Trace each number with a crayon and say it aloud.



Match the bees with the numbers correctly.



•



•



•

•

1

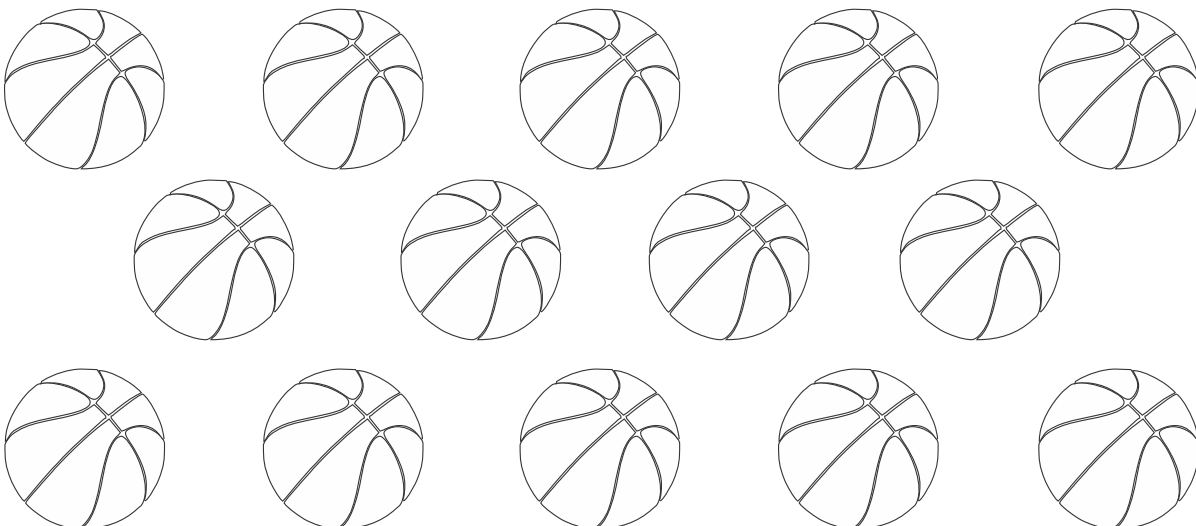
•

2

•

3

Colour one ball red, two balls blue and three balls green.



1



12

Y



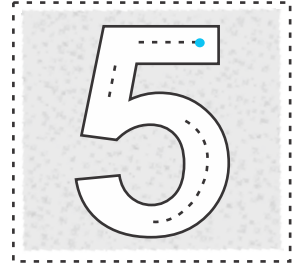
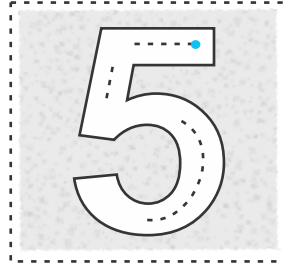
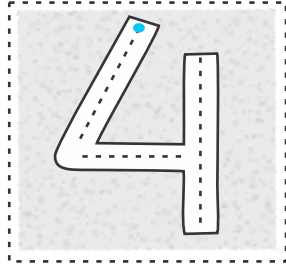
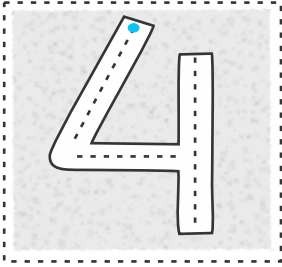
6

3

# 9

## Number 4 and 5

Trace each number with a crayon and say it aloud.



Circle the numbers that the fingers show.



3

4

5



3

4

5

Observe the picture and answer the questions.



How many birds are eating grains?

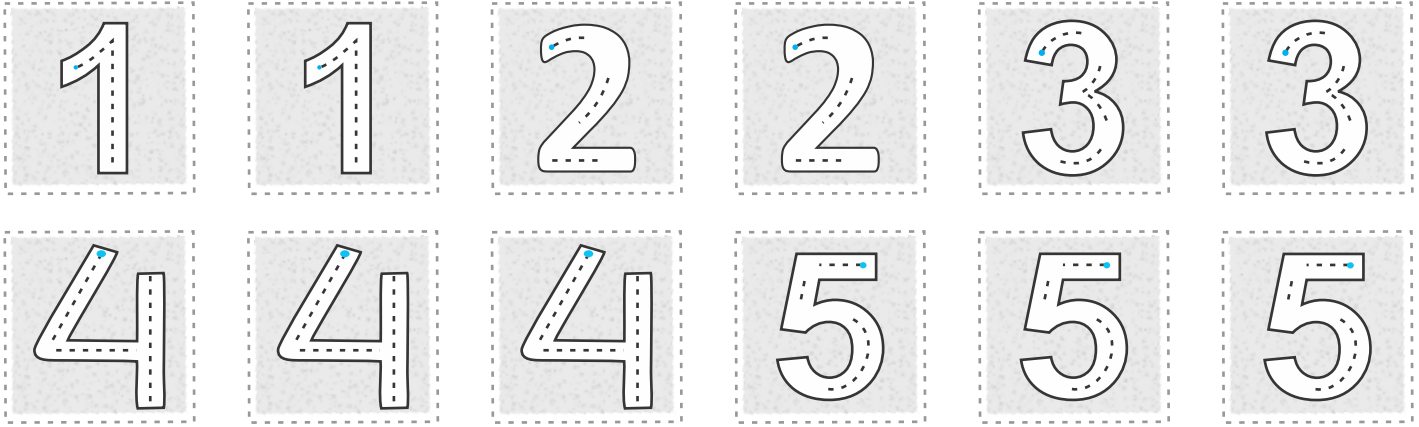
How many birds have eaten and flown away?



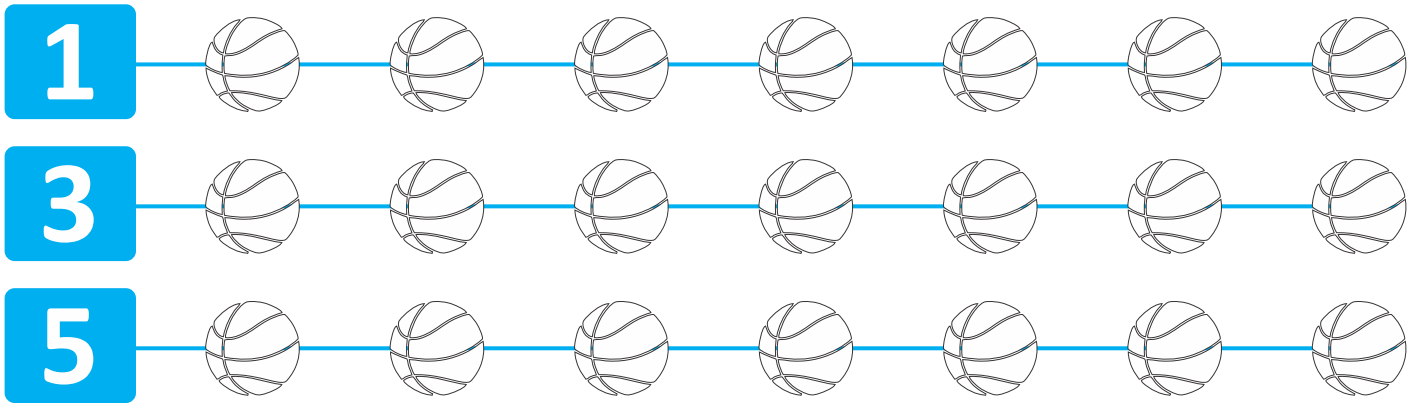
# 10

## Number 1 to 5

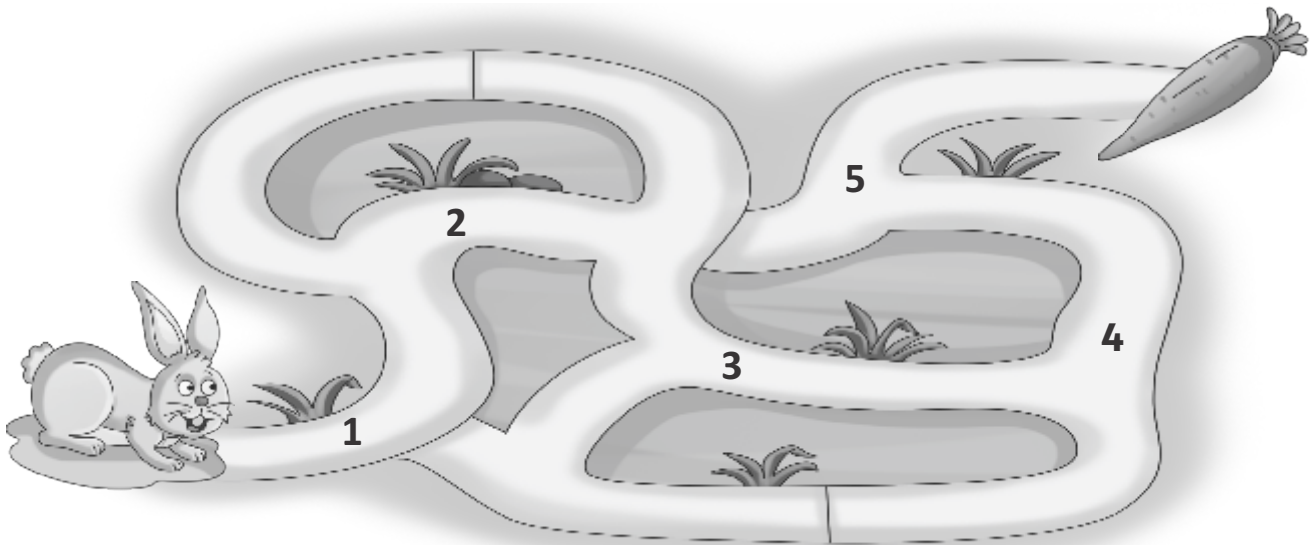
Trace each number with a crayon and say it aloud.



Colour as many balls green as the numbers.



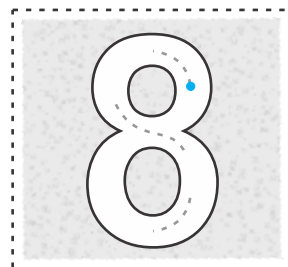
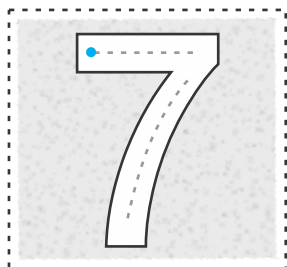
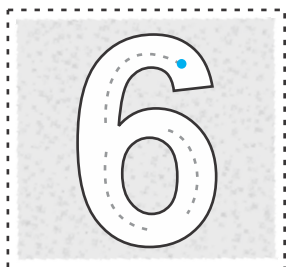
Follow the numbers from 1 to 5 to help the rabbit reach the carrot.



# 11

## Number 6, 7 and 8

Trace each number with a crayon and say it aloud.



Match the mangoes with the numbers.



•

•

7



•

•

6



•

•

8

Colour as many hearts red as the numbers.

6



7



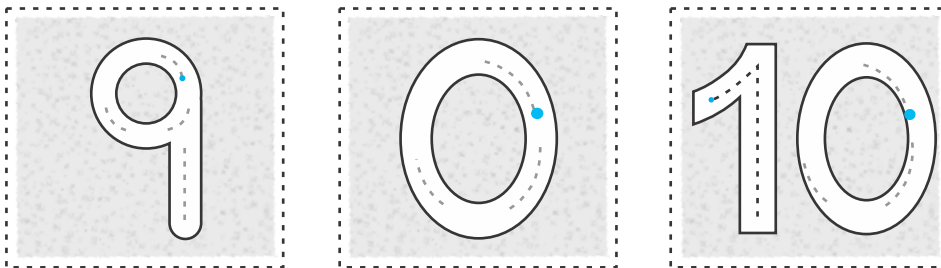
5



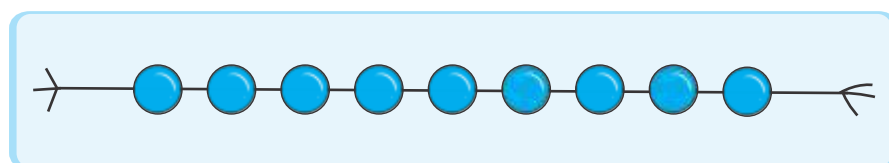
# 12

## Number 9, 0 and 10

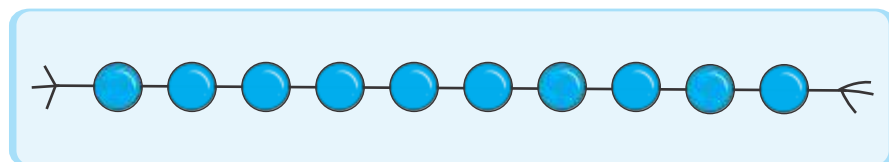
Trace each number with a crayon and say it aloud.



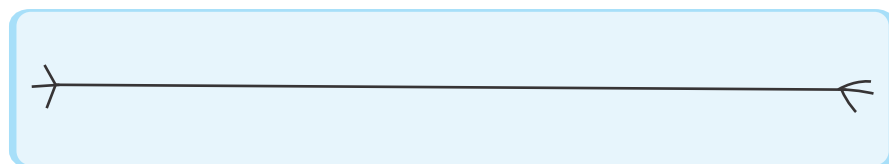
Count the beads and match them with the numbers.



• 10

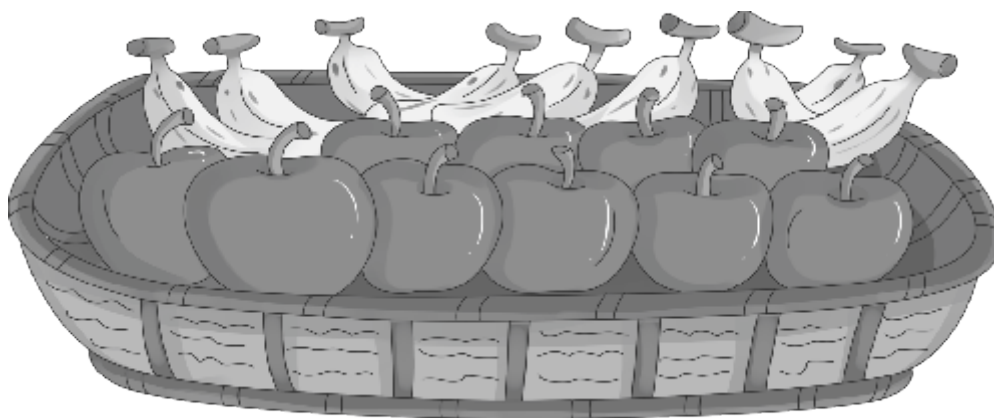


• 0



• 9

Look at the fruits in the basket.



Read the questions and write numbers.

• How many bananas are there?

• How many apples are there?

• How many guavas are there?



1

+



16

Y

8

6

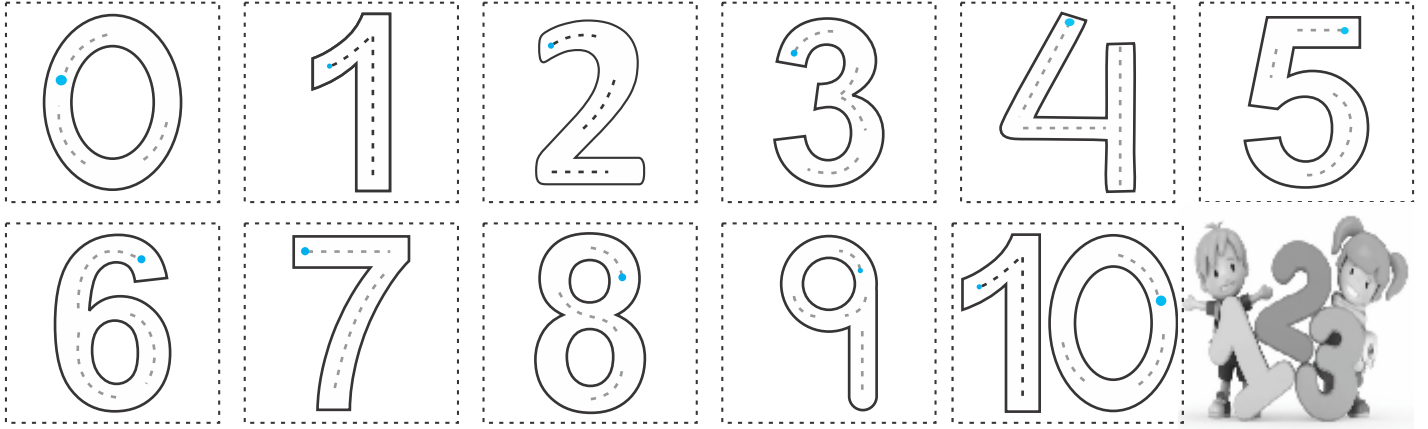
3



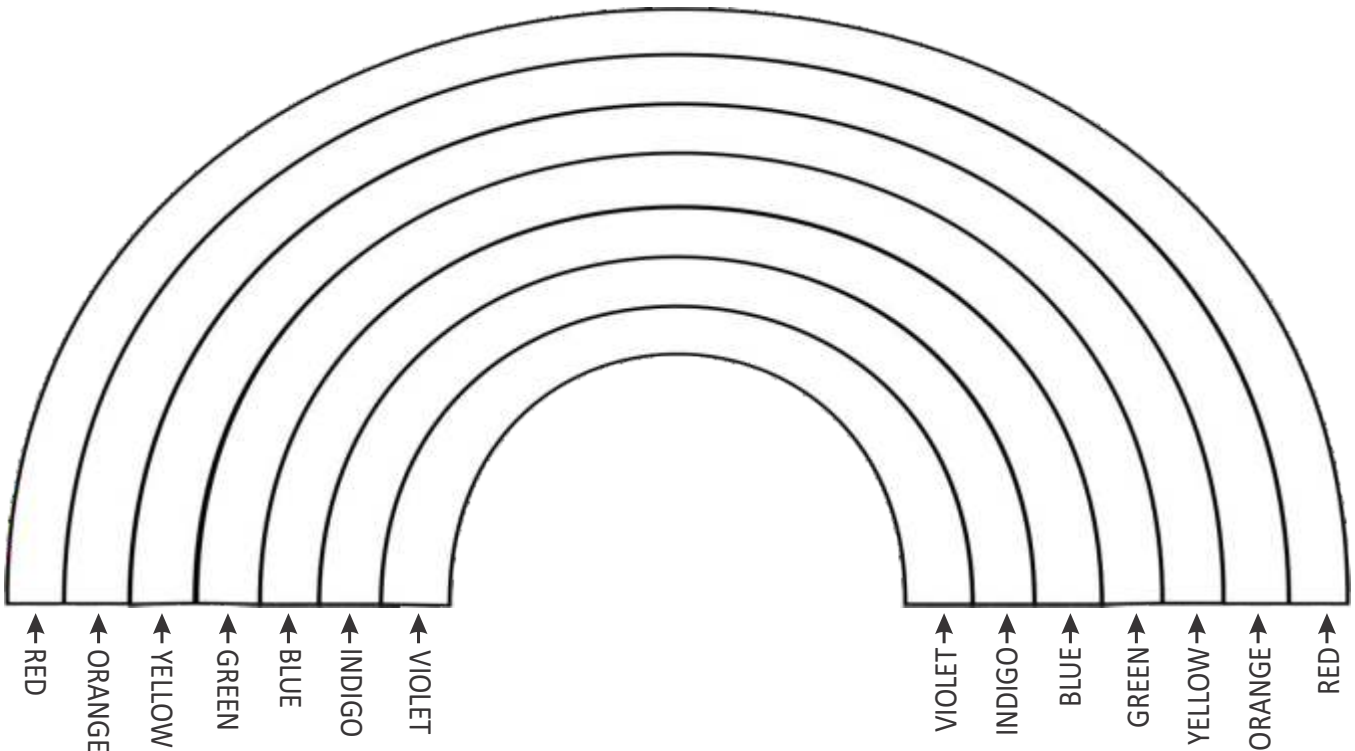
# 13

## Number 0 to 10

Trace each number with a crayon and say it aloud.



Fill colours to complete the rainbow. Take help from an elder.



Now, count all the colours of this rainbow and tick (✓) under the correct number.

1      2      3      4      5      6      7      8      9      10

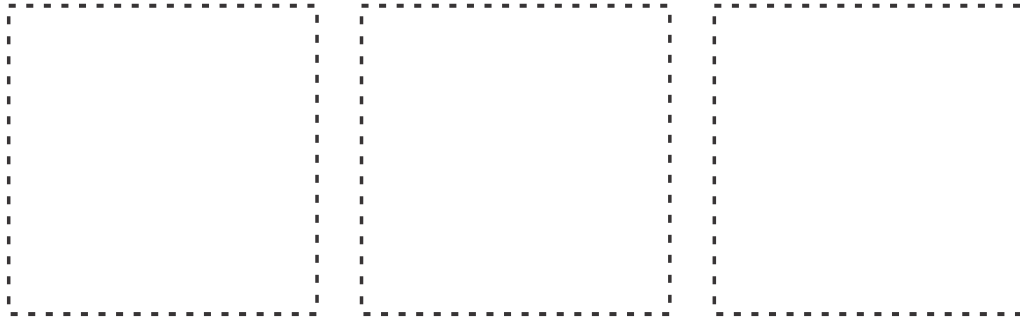
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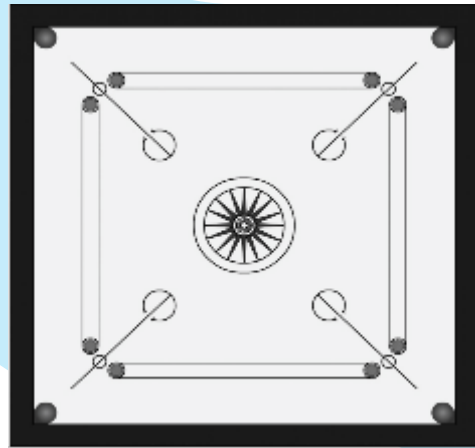
# 14

# Square

Trace the squares. Colour each one with a different colour.



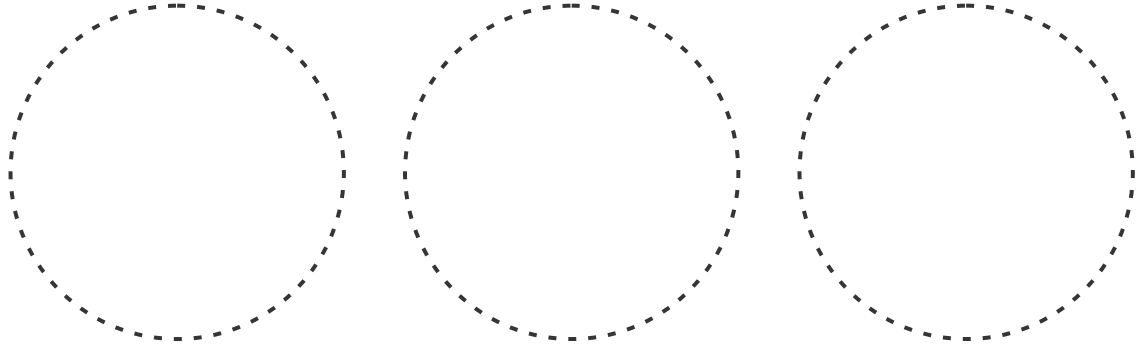
Tick (✓) the objects that look like a square.



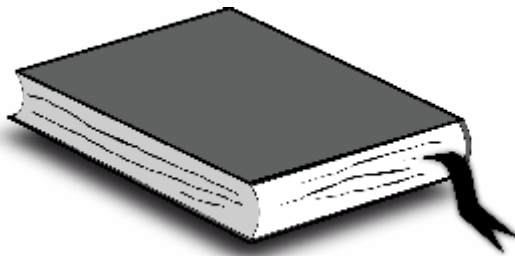
# 15

# Circle

Trace the circles. Colour each one with a different colour.



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

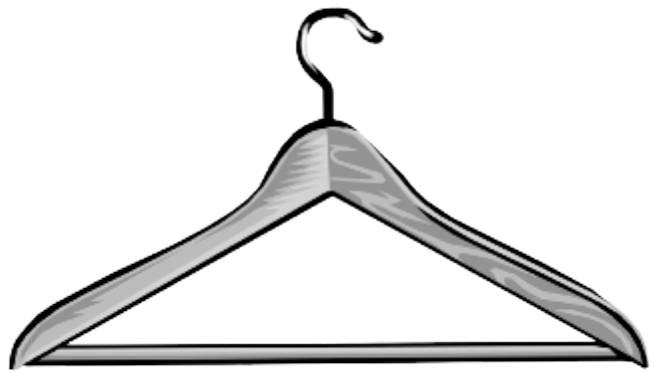


# 16 Triangle

Trace the triangles. Colour each one with a different colour.



Circle the objects that look like a triangle.



1



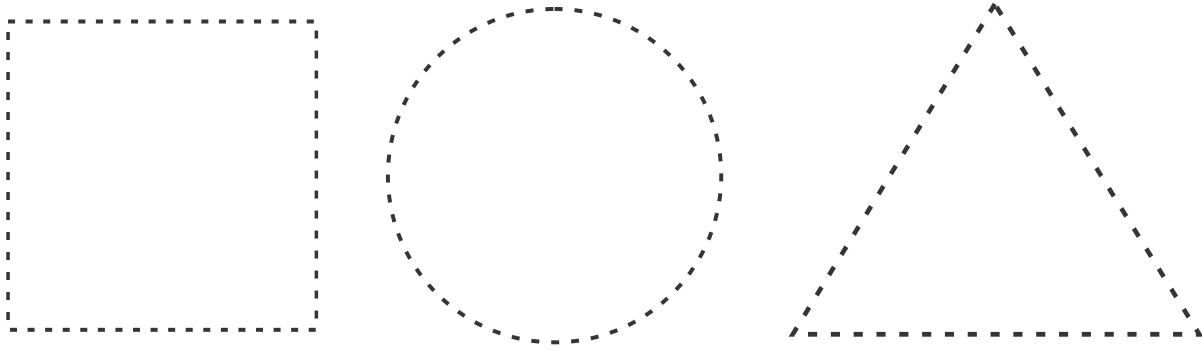
20






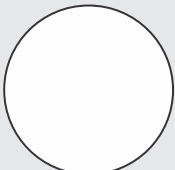

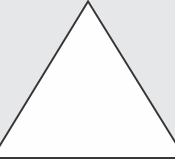
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# Square, Circle and Triangle

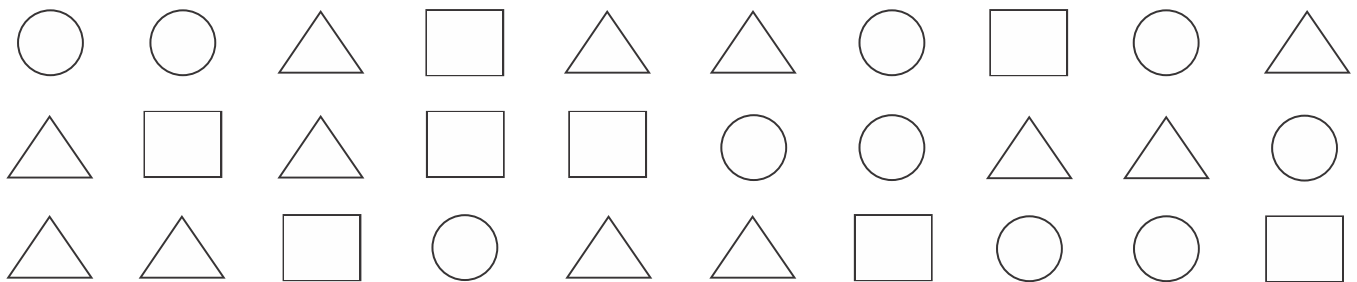
Trace the shapes and say their names aloud. Colour each one with a different colour.



Match the objects with the shapes correctly.

	•	•	
	•	•	
	•	•	

Count the shapes and write how many they are.



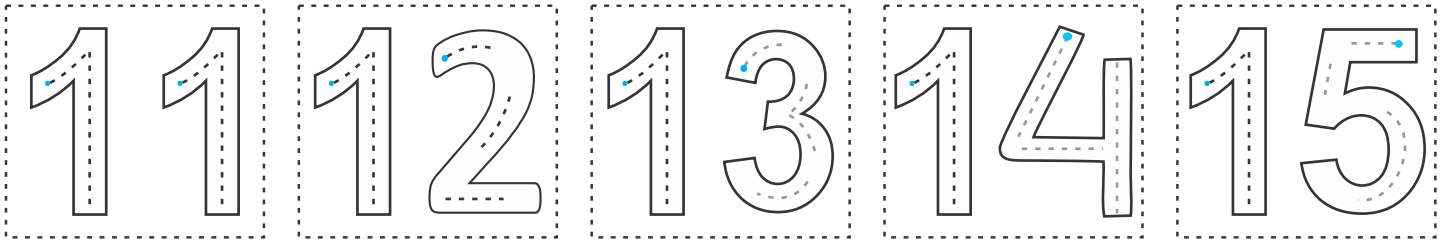
Number of squares:  Number of circles:  Number of triangles:



# 18

## Number 11 to 15

Trace each number with a crayon and say it aloud.



Count the stars and match them with the numbers.



• 11

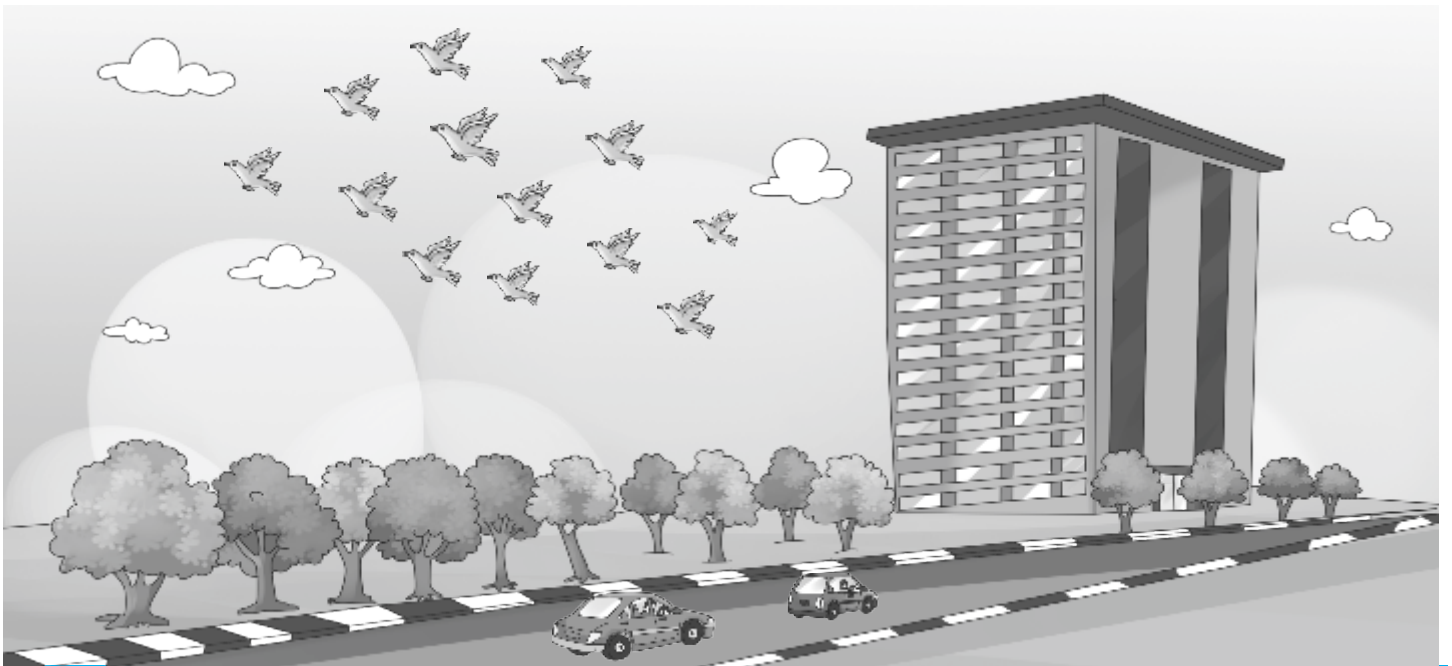


• 12



• 13

Look at the picture and answer the questions.



• How many floors does the building have?

• How many trees are there?

• How many birds are flying in the sky?



1

+

-

22

Y

8

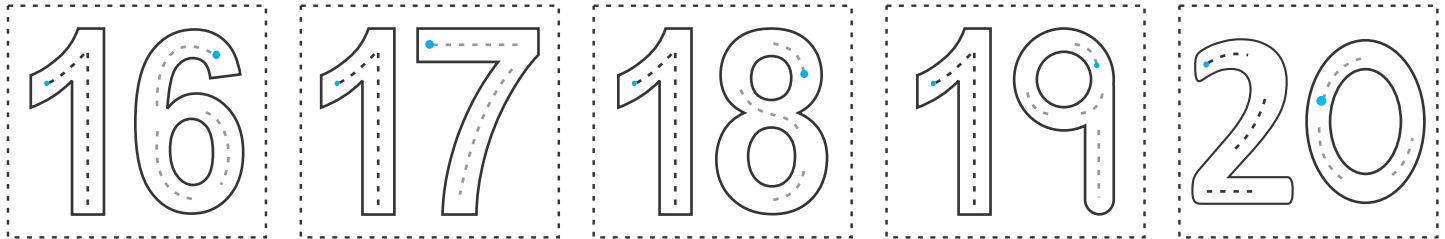
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3

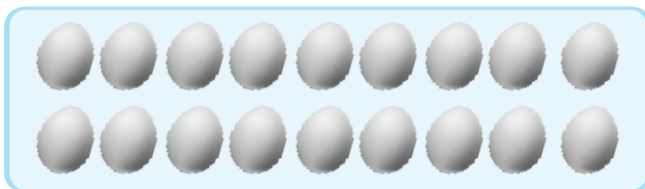
# 19

## Number 16 to 20

Trace each number with a crayon and say it aloud.



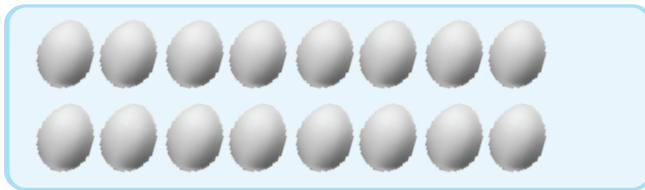
Match the eggs with numbers correctly.



•

•

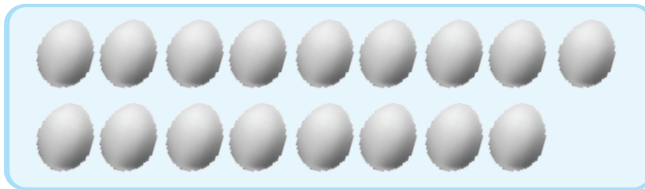
16



•

•

17

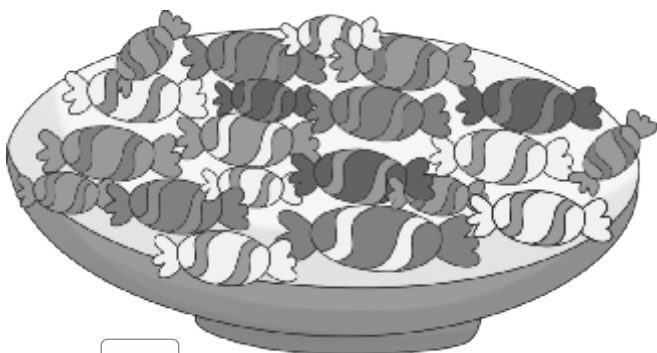


•

•

18

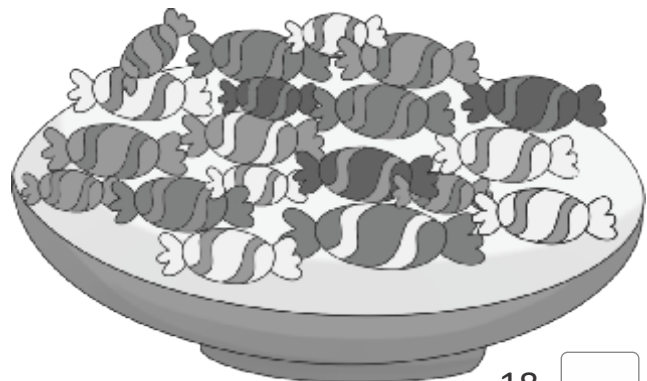
How many toffees are there in the plates? Tick (✓) the correct number.



18

19

20



18

19

20



▶ Point and say each number aloud.

0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	

▶ Use your pencil to shade as many squares as the numbers.

3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

▶ Count the circles and write their numbers.

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

• Number of shaded circles:

• Number of white circles:

• Number of circles with dots:

