New Mathematics
for Elementary School

1 1

TOKYO SHOSEKI

1 Table of Contents

Making Groups and Numbers 3

- Let's Find the Same Number of Pieces
- Two Numbers Together
- The Number 0

Ordinal Numbers 36

- How do the numbers change? ... 40
- Let's wrap it up 42
- Let's find how many 44

1 2 Table of Contents

3 Adding Together and Adding More
4 What is Left and What is the Difference?
5 Which One is Longer?
6 Let's clearly Show How many There are
7 Numbers Greater Than 10
8 Time—hour and half-hour
9 Calculation of Three Numbers
10 Which One Has More?
11 Addition
12 Playing with Shapes
13 Subtraction
14 Large Numbers
15 Which One Takes Up More Space?
16 Time—hours and minutes
17 Addition and Subtraction
18 Making Shapes

Notice to Teachers and Parents

About the "D" Symbol * Available in Japanese only.

- Sections marked with this symbol have additional materials available online.
- Tell your teacher or parent before you use the Internet.

To Study Online

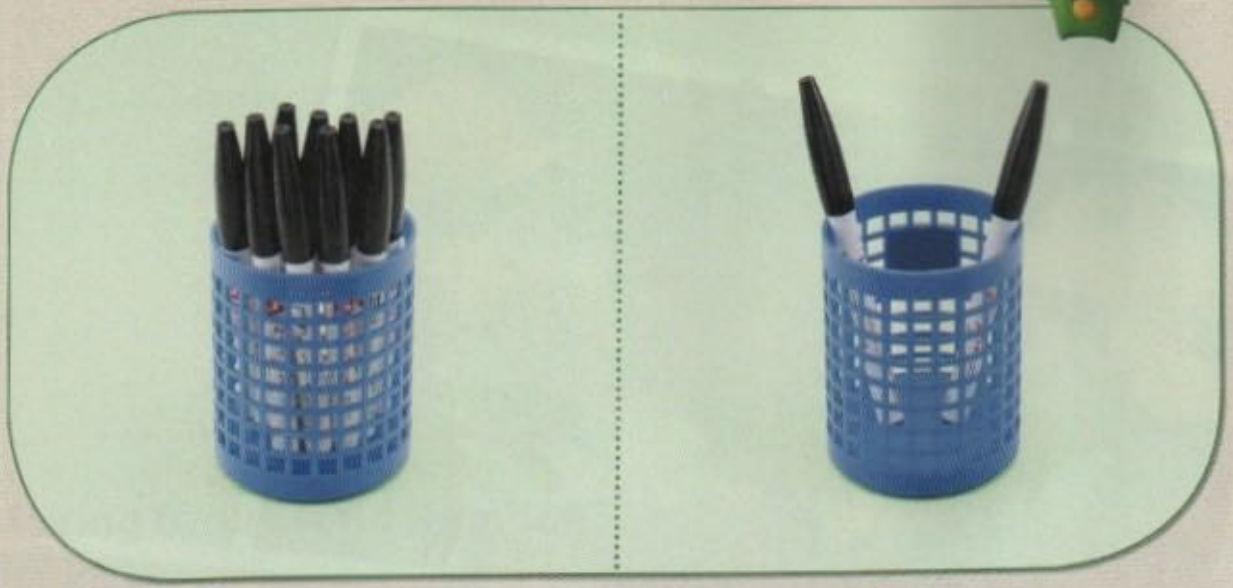
Use the URL below or QR code on the right to access online content.

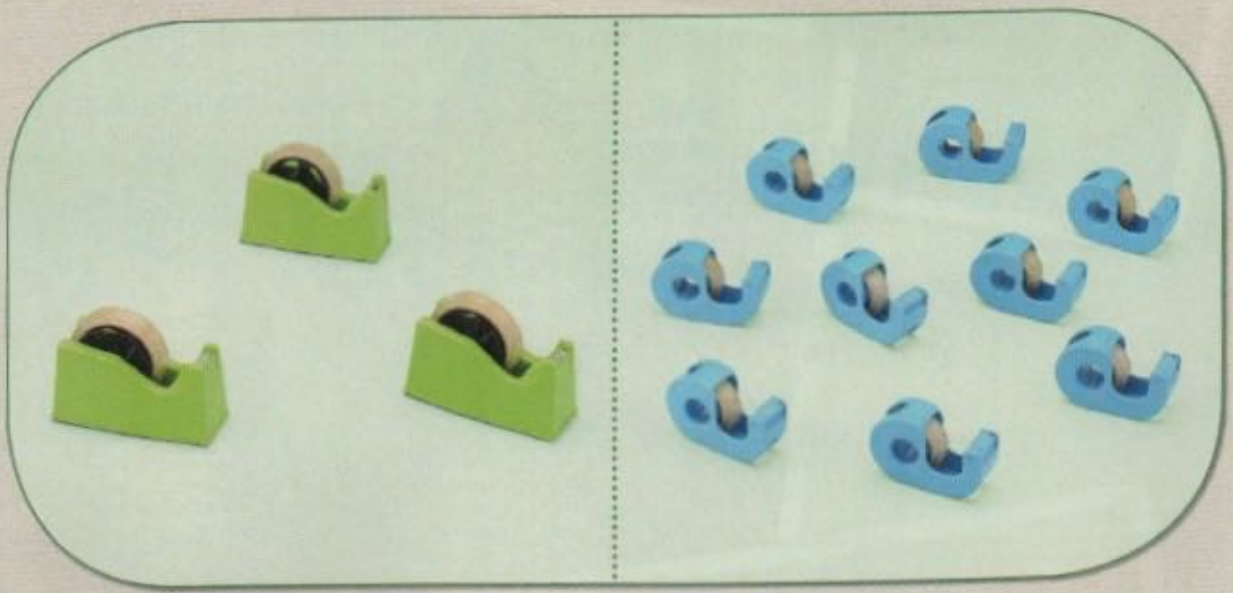
https://tsho.jp/02p/m1a/

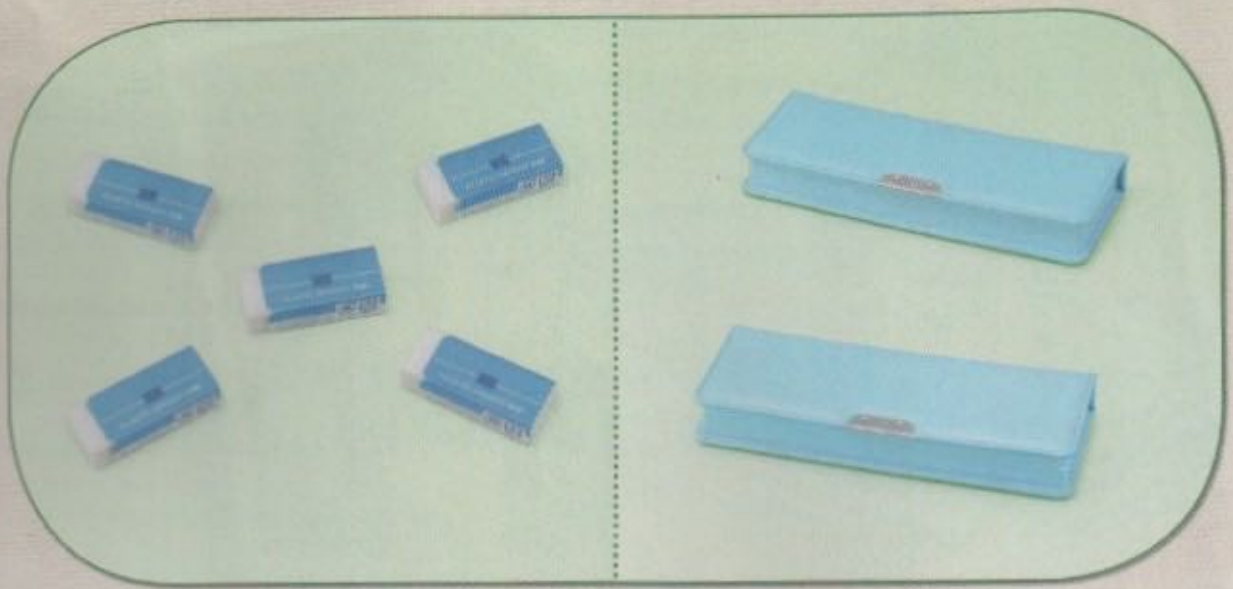
Use of the online contents marked with the "D" symbol is free of charge, if you have Internet access.

Have you ever compared things?

Which side has more?

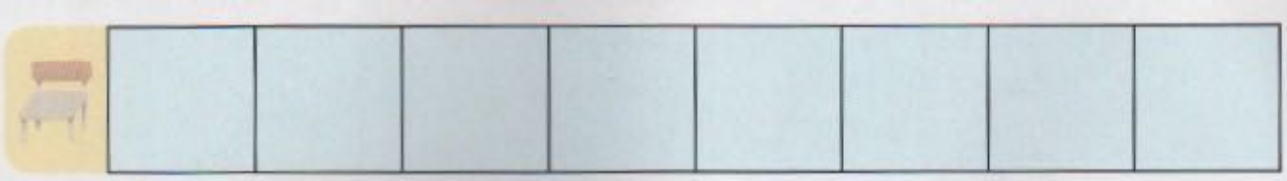


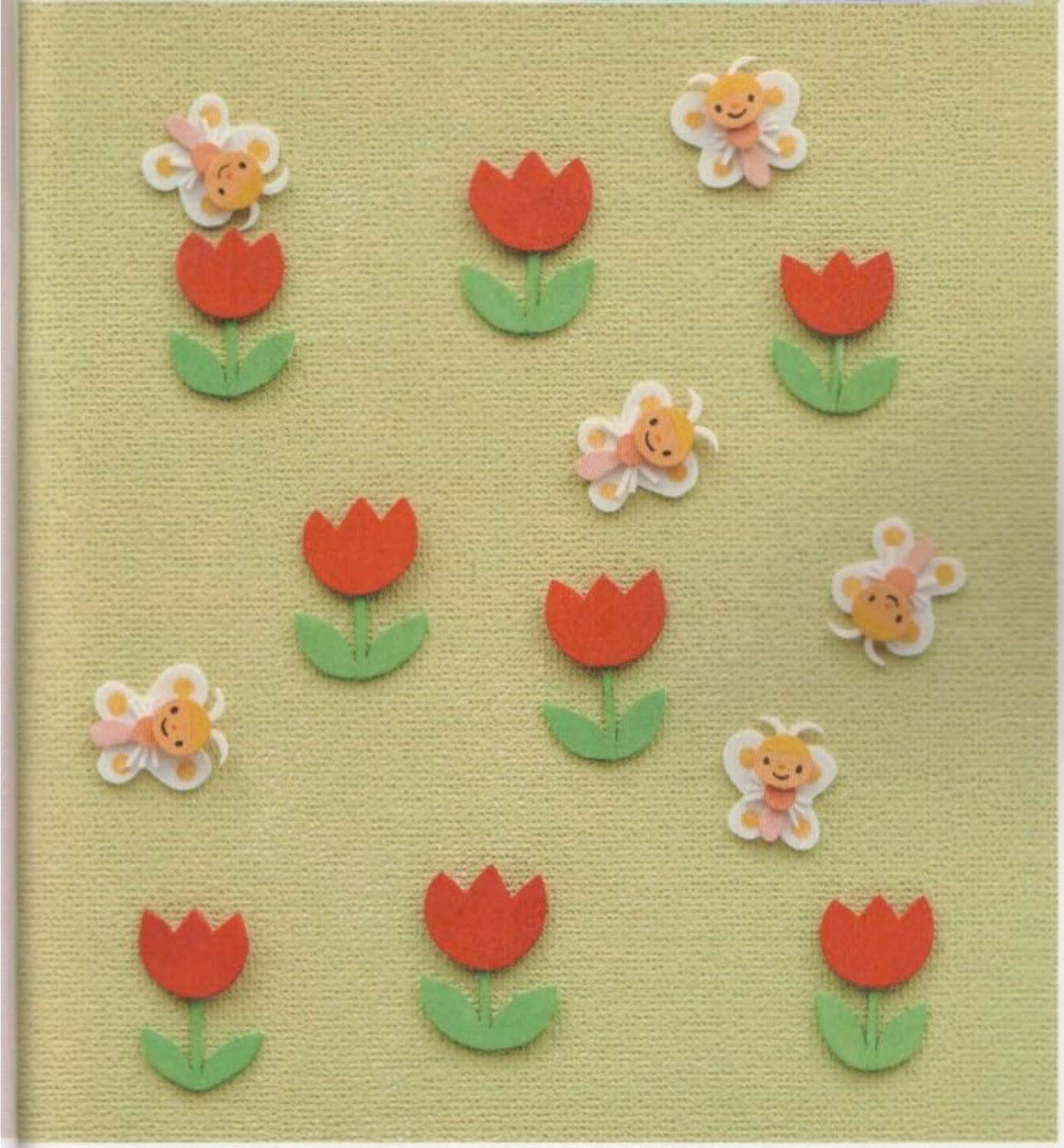


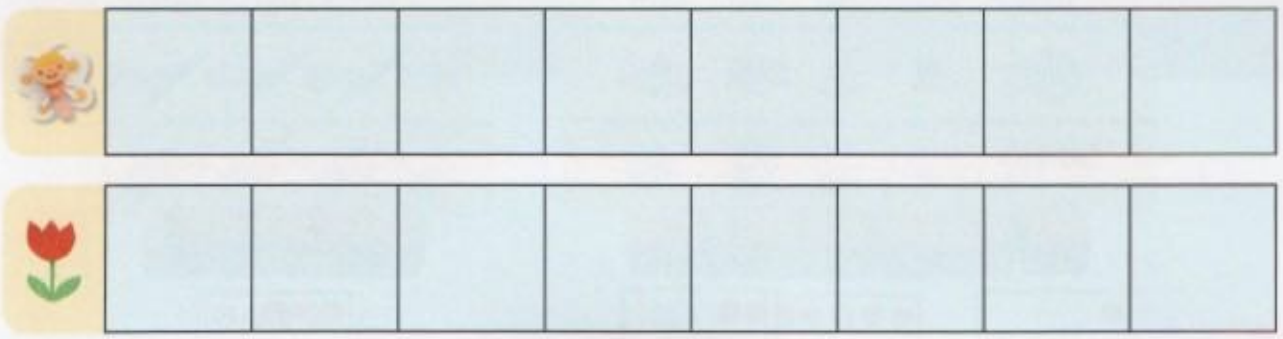


1 Making Groups and Numbers

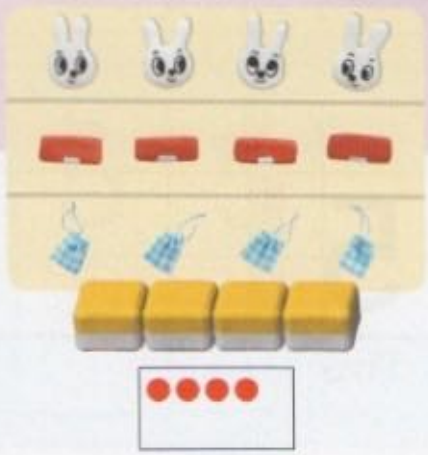
Are there enough?

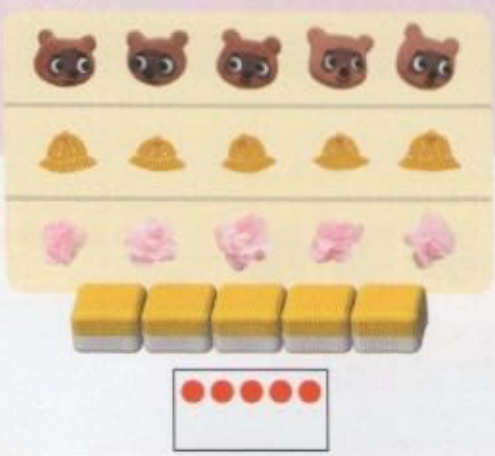






Let's Find the Same Number of Pieces





Let's write numbers

1

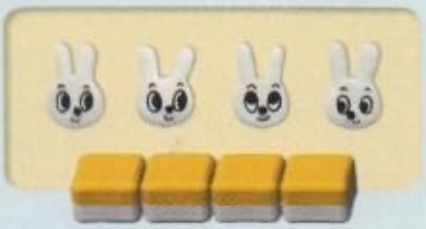
One

2

Two

3

Three

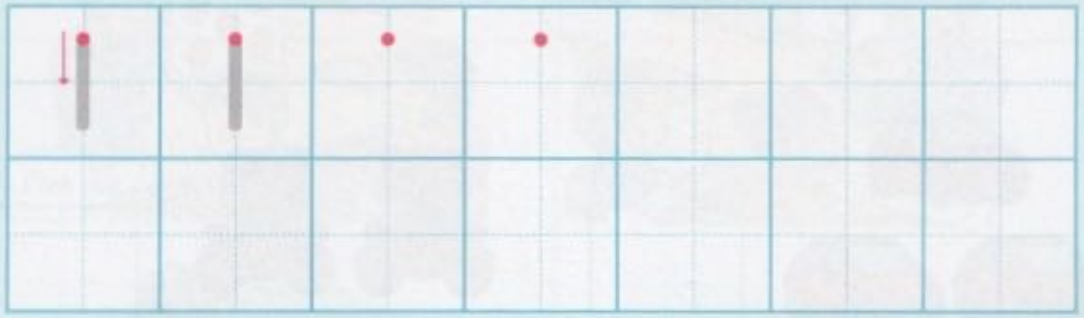


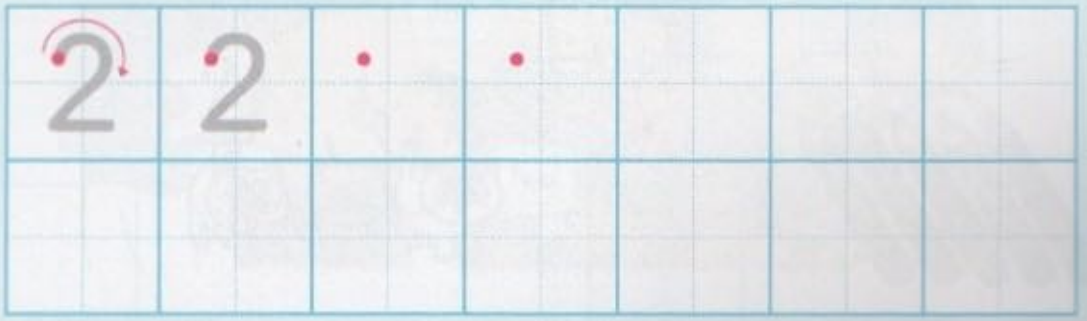
4

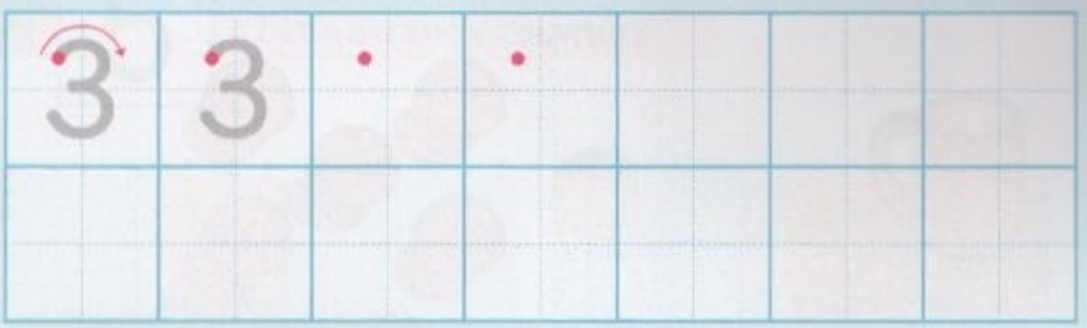
Four

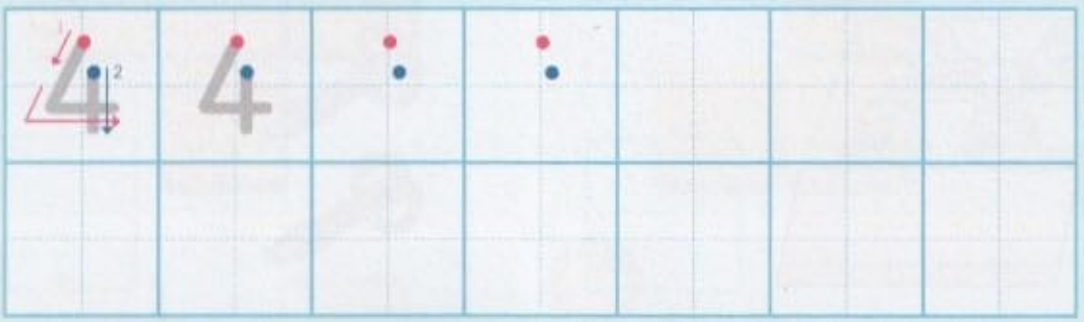
5

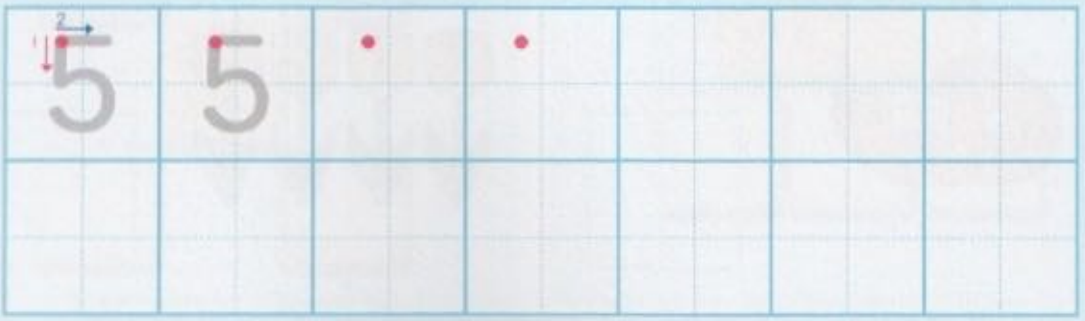
Five


1
1

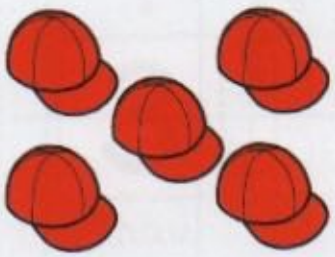

2
2

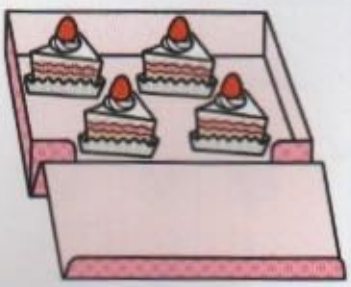

3
3


1
2
4
4


2
1
5
5

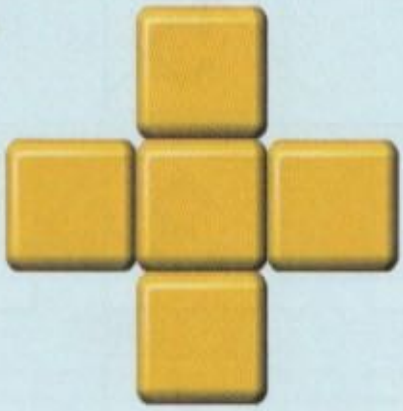
Let's count how many



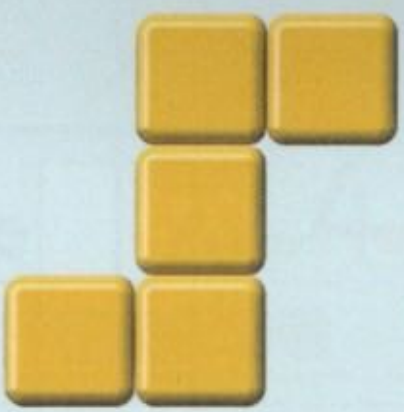


5 Let's arrange counters

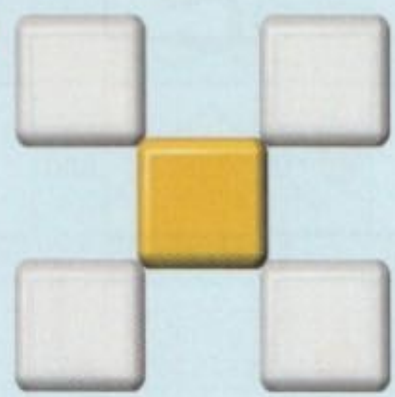
Ami



Haruto



Kota



Misaki

How many and how many make 5?

5

Take 5 counters.

How many ✿ are there? How many ✿ are there?

Change the order and line them up.

5 is

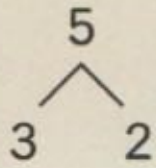
There are ☐ ✿ and, ☐ ✿ … 3 and 2

There are ☐ ✿ and, ☐ ✿ … 4 and ☐

There are ☐ ✿ and, ☐ ✿ … ☐ and ☐

There are ☐ ✿ and, ☐ ✿ … ☐ and ☐

5 is 3 and 2



5 is 3 and 2

5

3 2

5 is 4 and 1

5

4

5

2

5

4

5

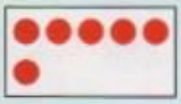
1

5

3

Let's find groups of the same number of things

Let's write numbers



6

Six

7

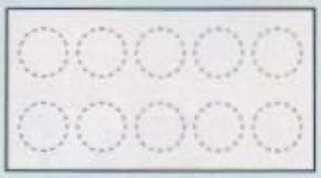
Seven

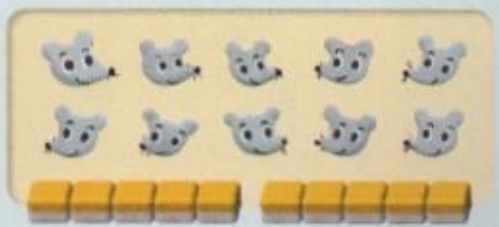
8

Eight

9

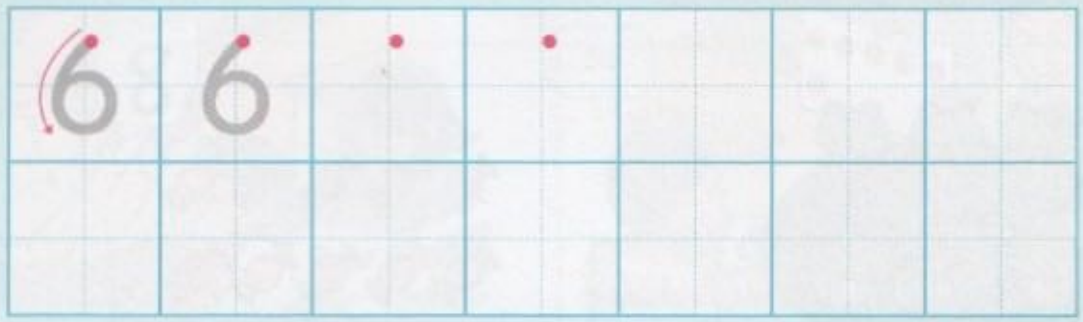
Nine

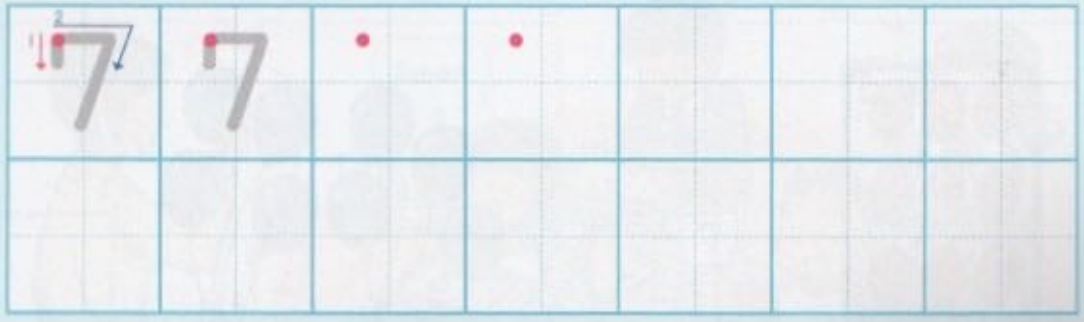


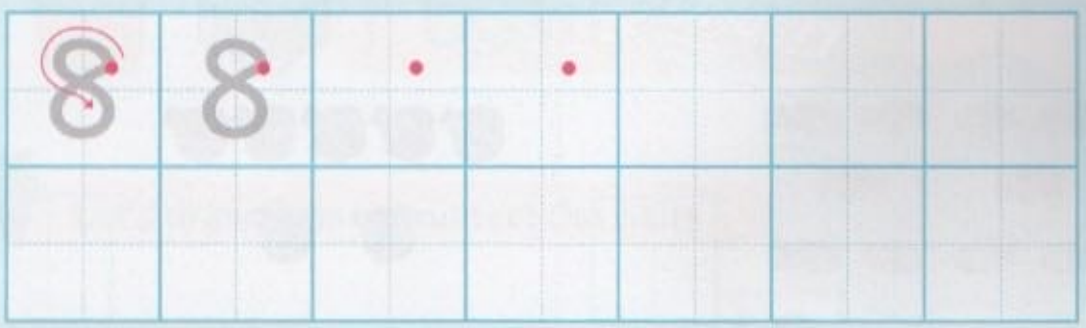


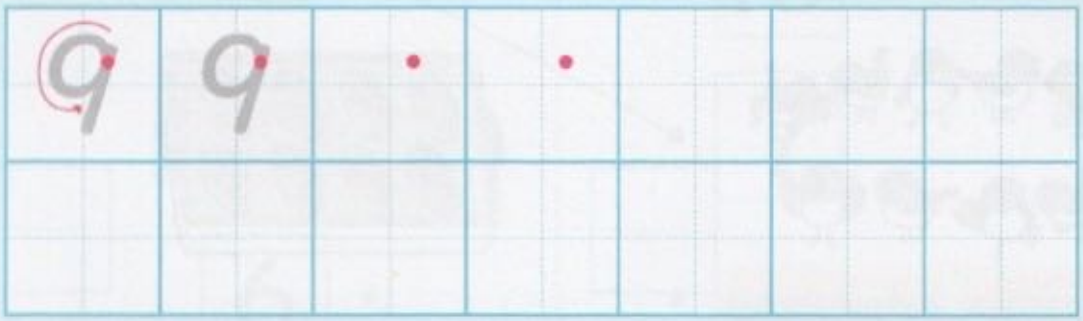
10

Ten


6
6

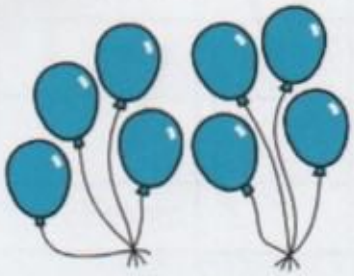

7
7

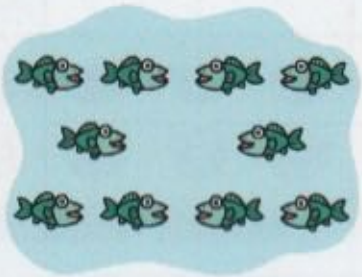

8
8

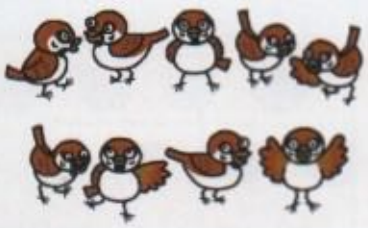

9
9

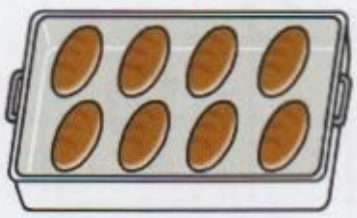
10
10

Let's count how many

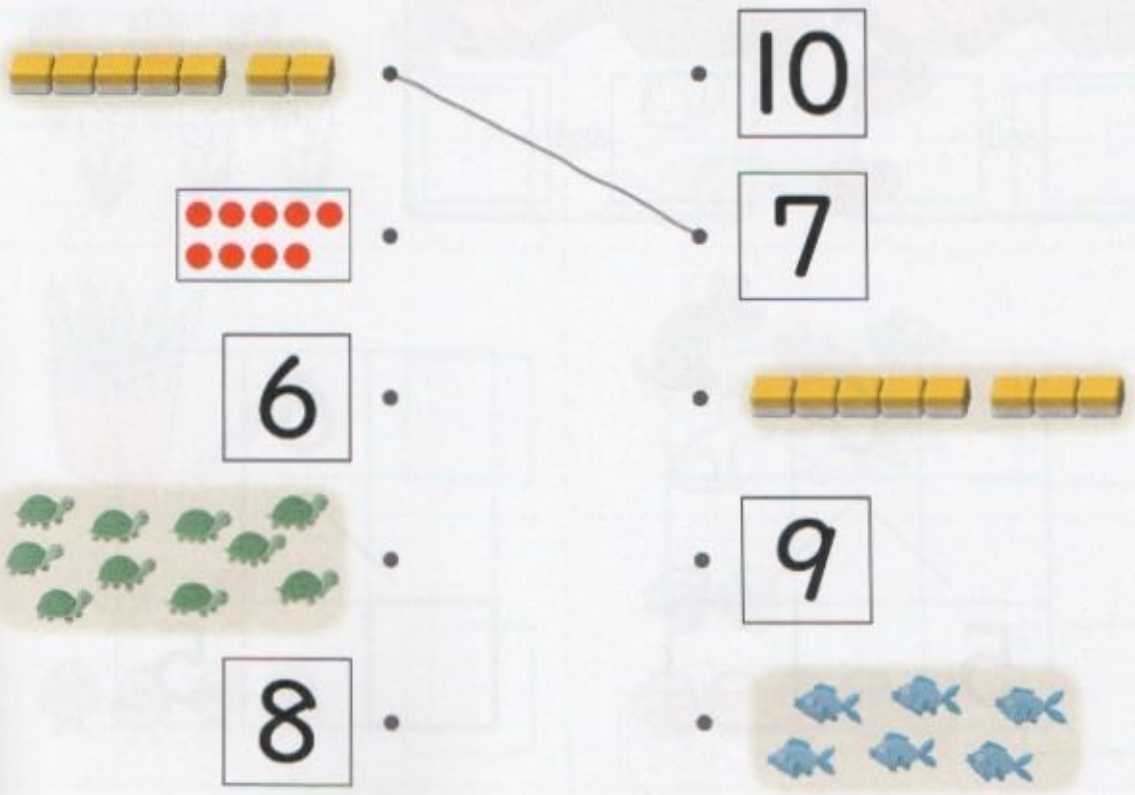








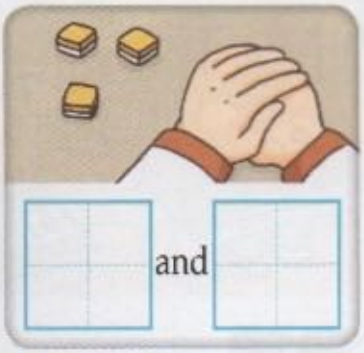
Let's draw lines to connect the pairs

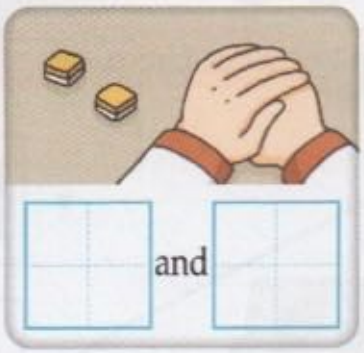


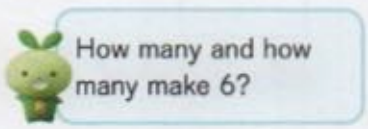
How many and how many make 6?

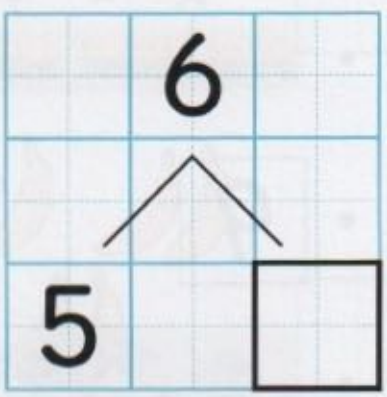
There are 6 .

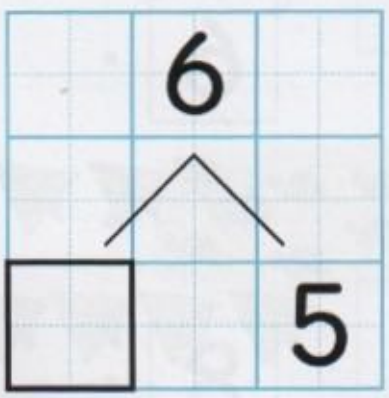
Guess how many are hidden.

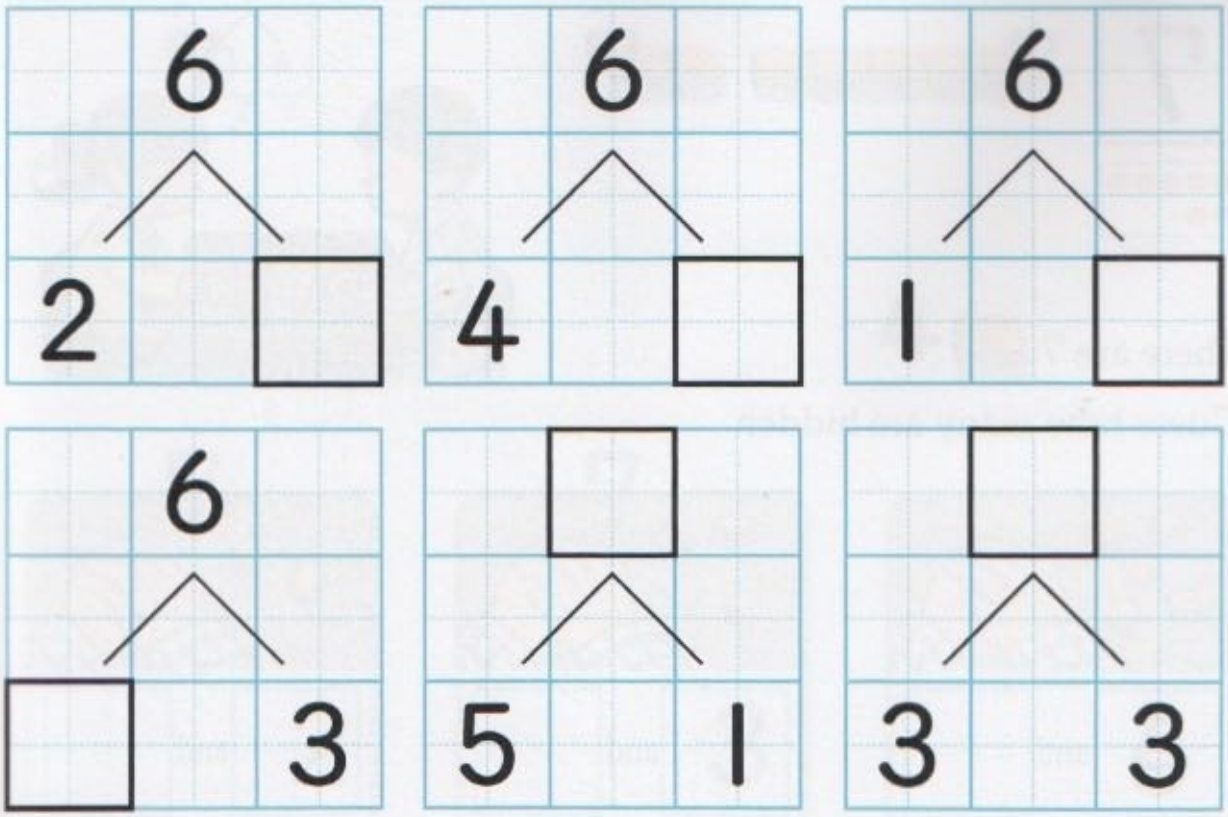






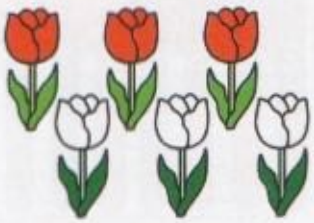


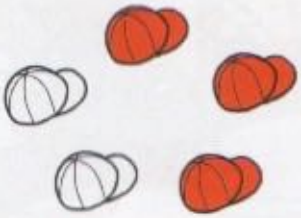




Let's count how many

3 and
3 make...



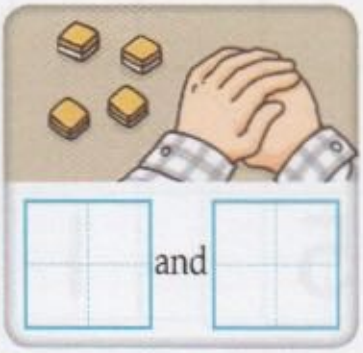


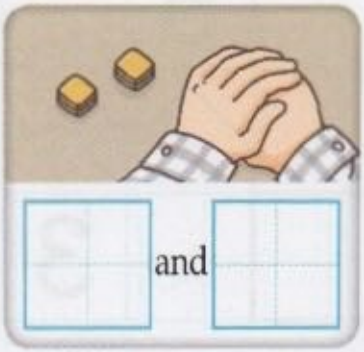
How many and how many make 7?

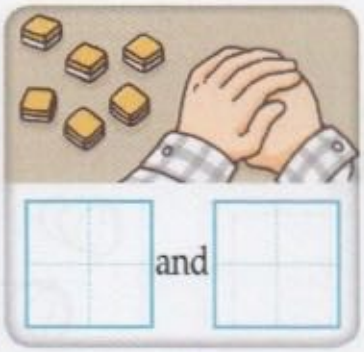
7

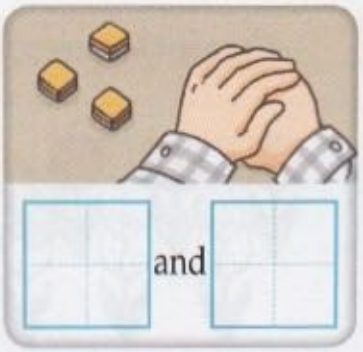
There are 7 .

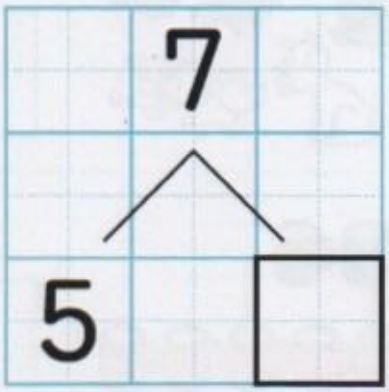
Guess how many are hidden.

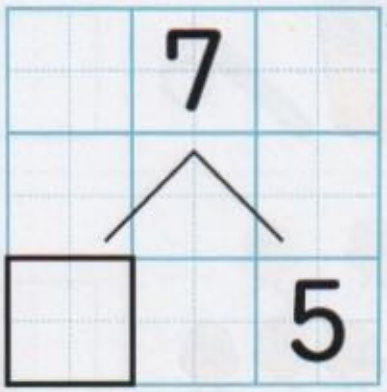


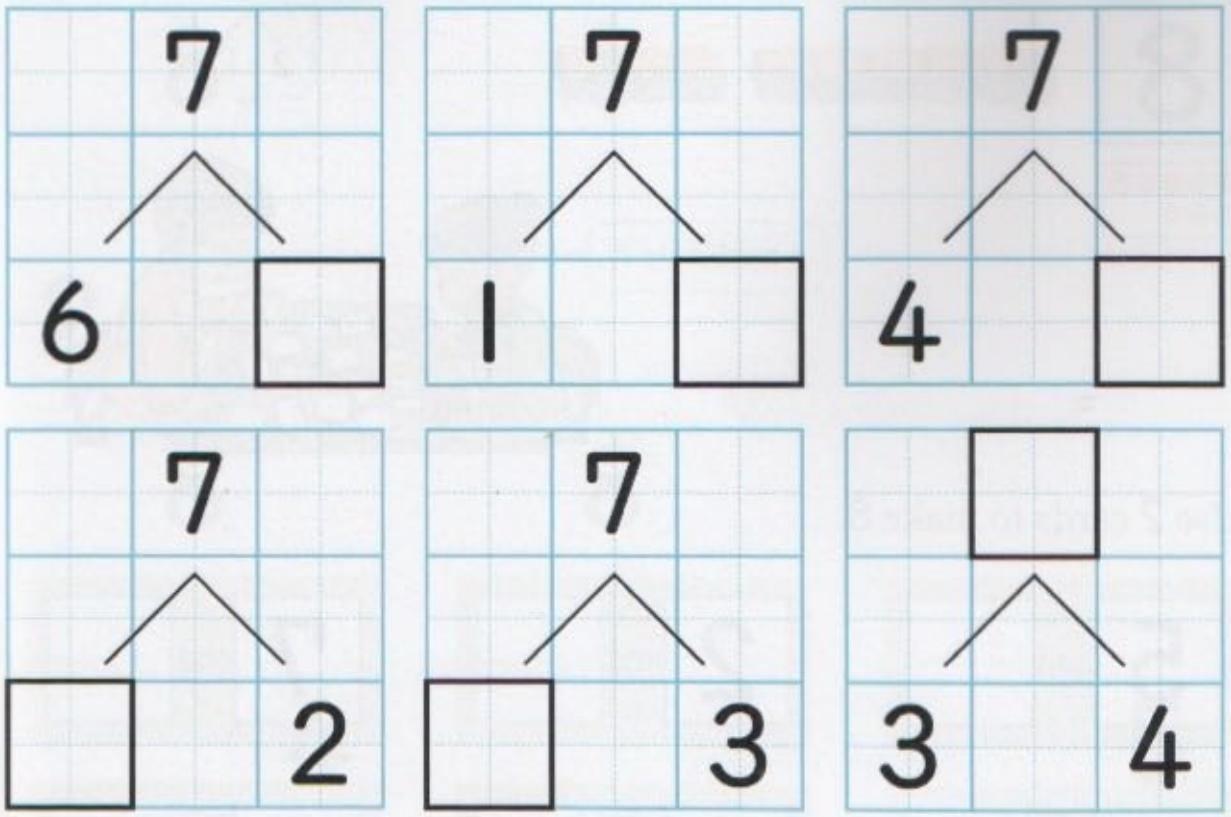




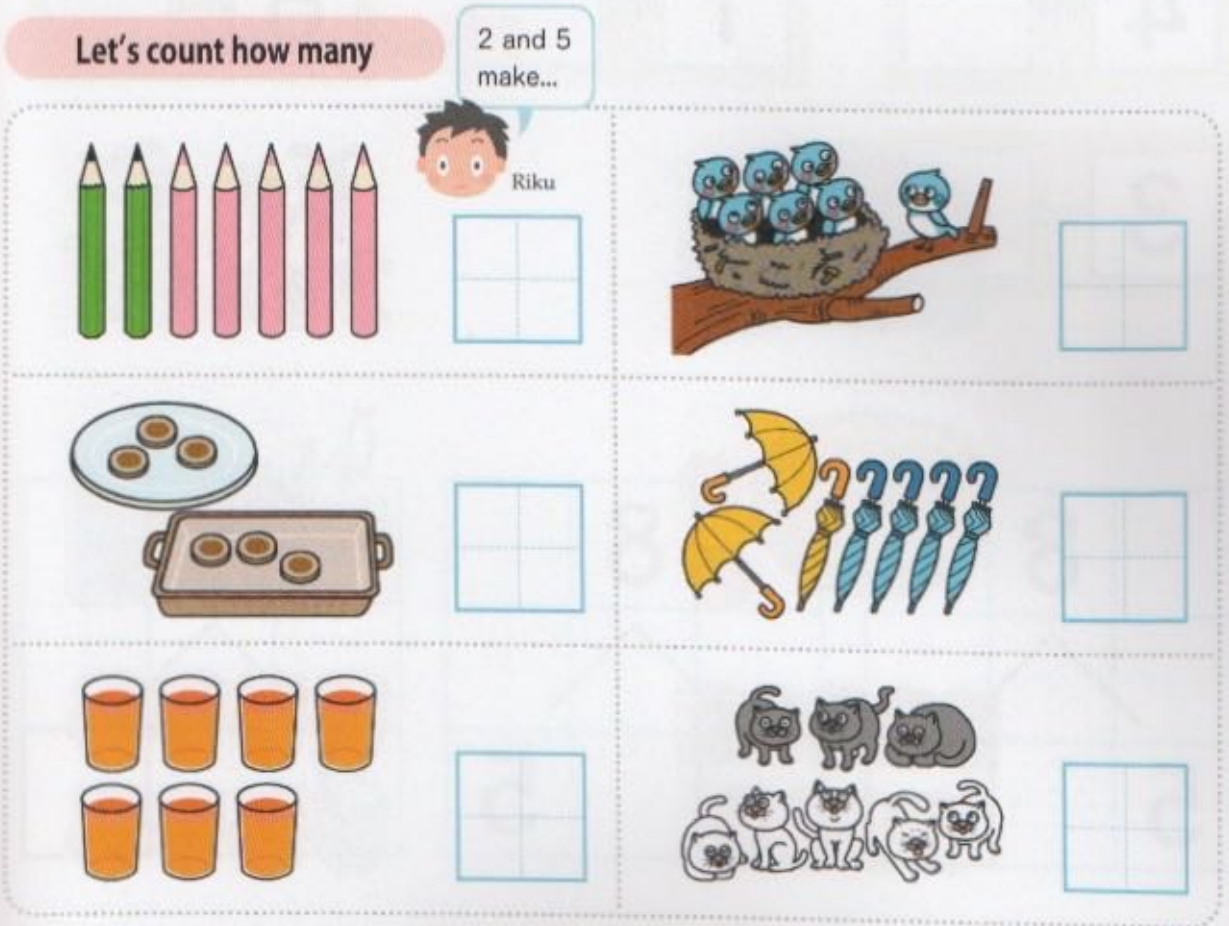






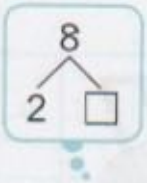


Let's count how many



How many and how many make 8?

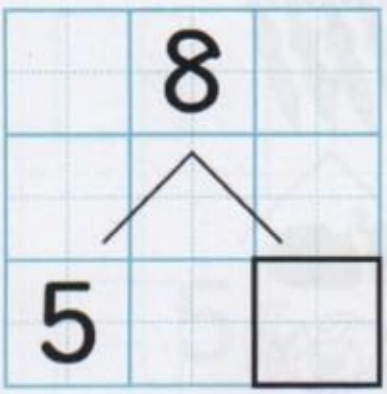
8

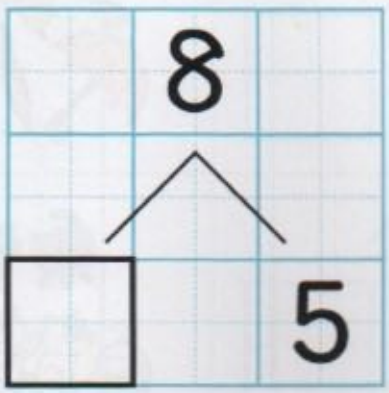


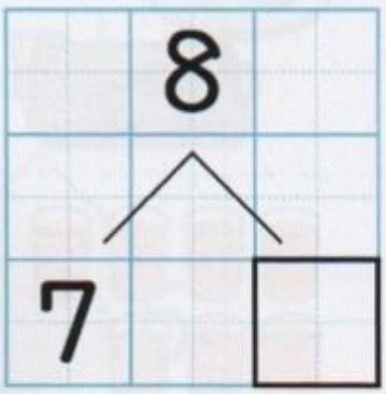
5 and 3 make 8.

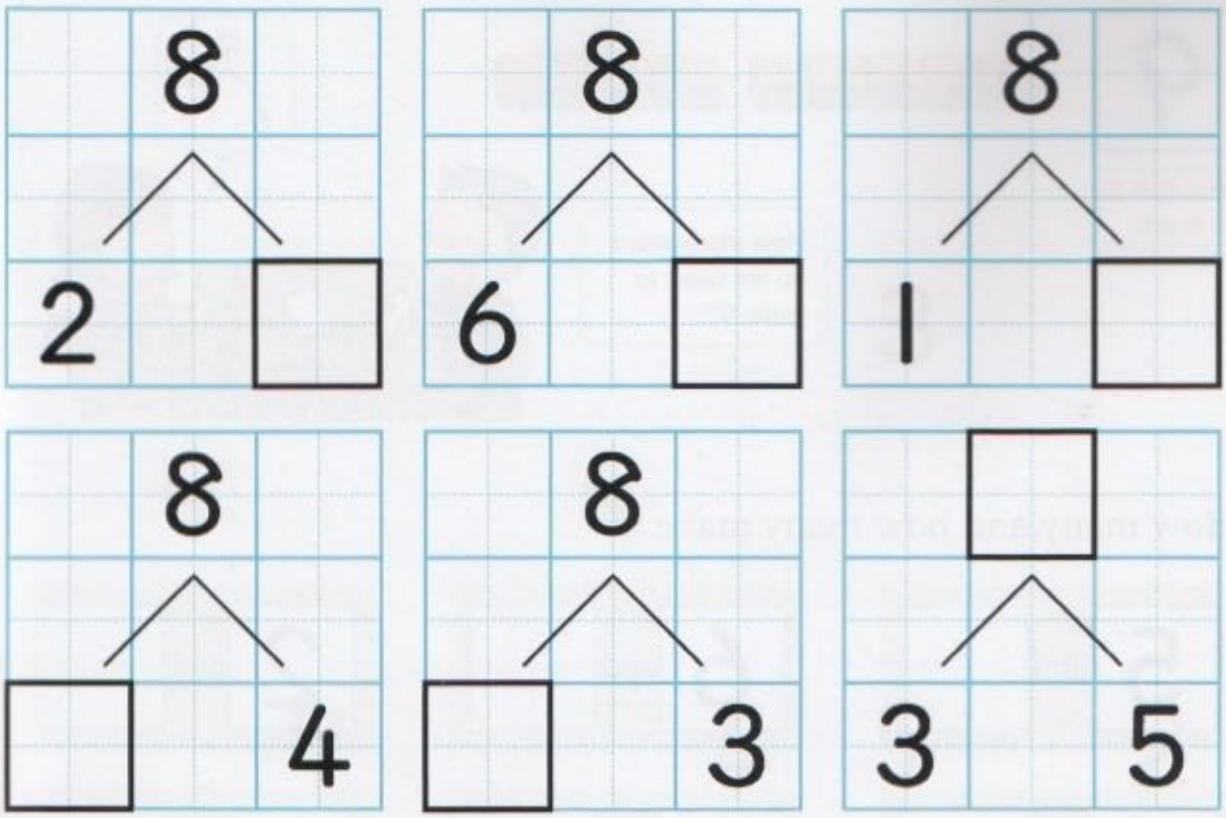
Use 2 cards to make 8.

5 and ☐	2 and ☐	7 and ☐
4 and ☐	1 and ☐	6 and ☐
3 and ☐		

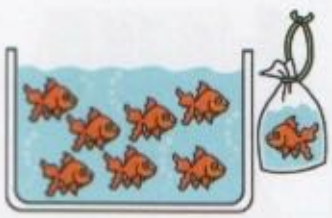


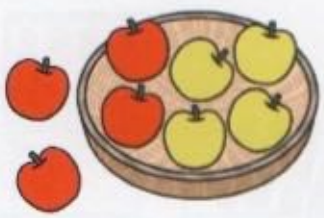




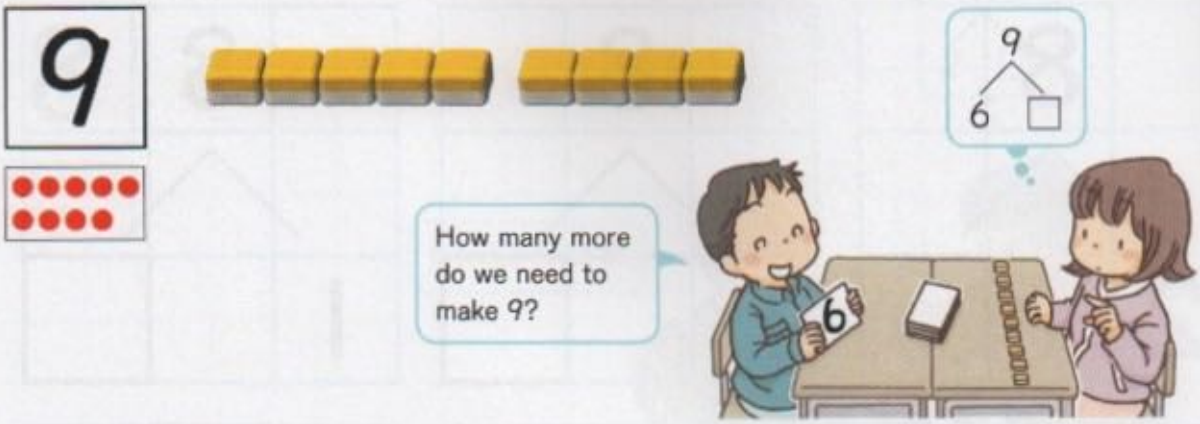


Let's count how many



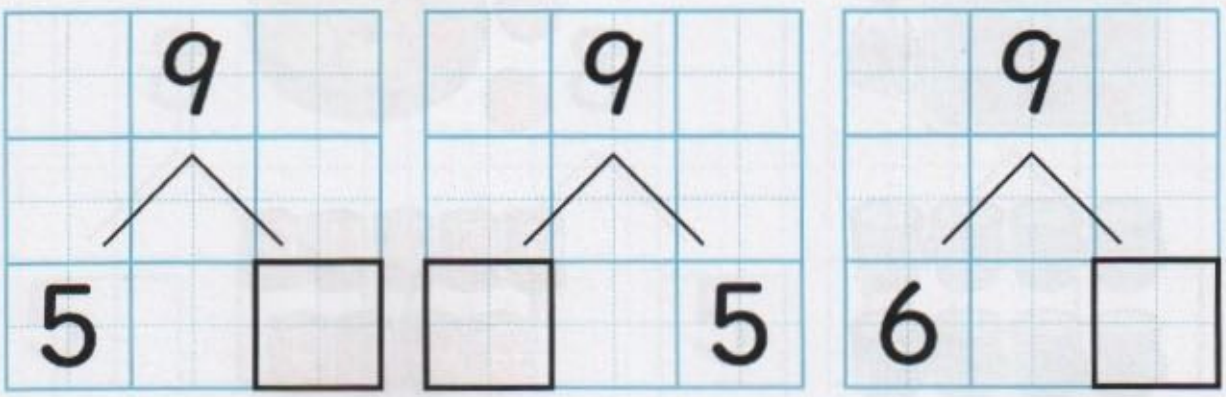


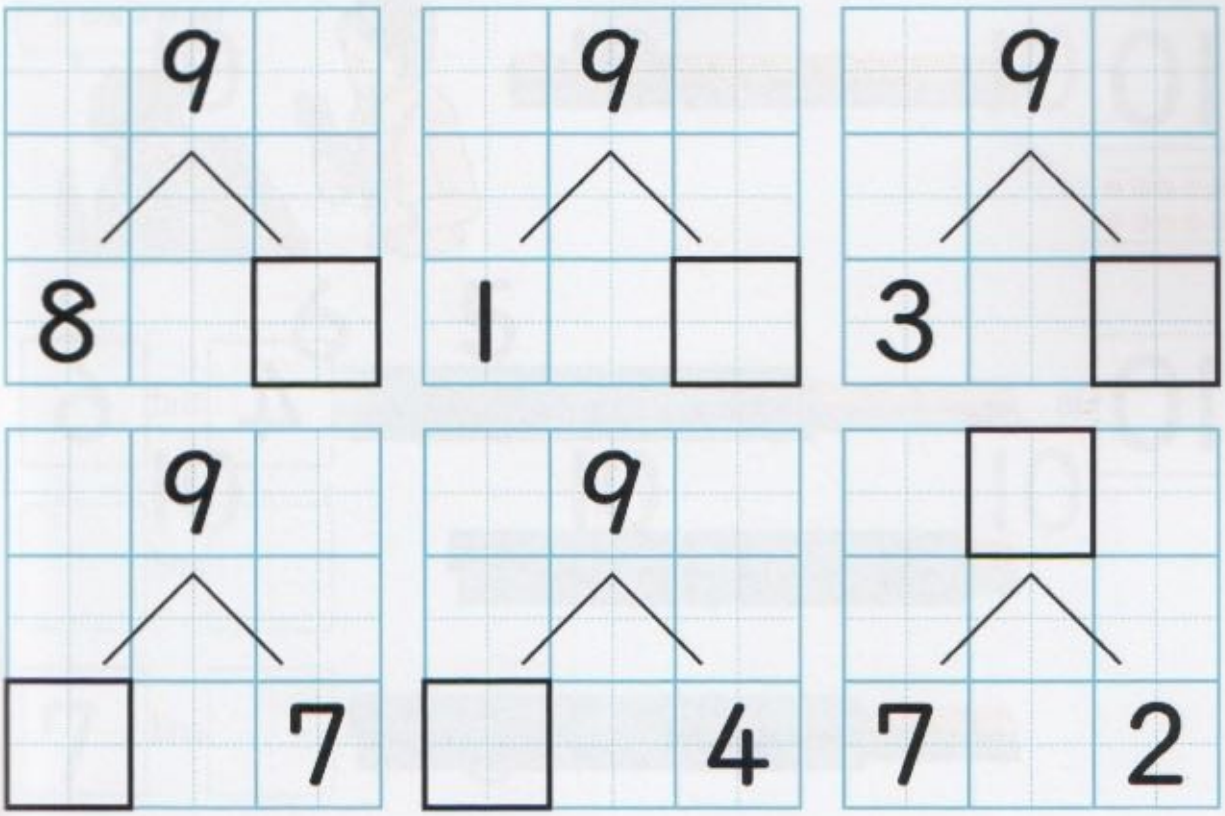
How many and how many make 9?



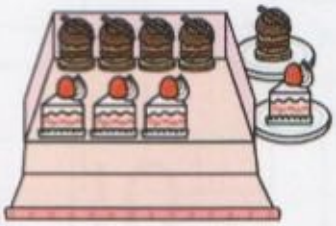
How many and how many make 9?

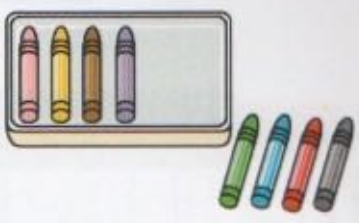
5 and ☐	6 and ☐	2 and ☐
1 and ☐	7 and ☐	3 and ☐
4 and ☐	8 and ☐	

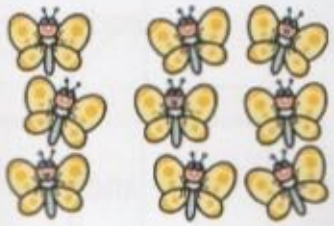




Let's count how many







How many and how many make 10?

10

10 is 4 and 6

and

and

and

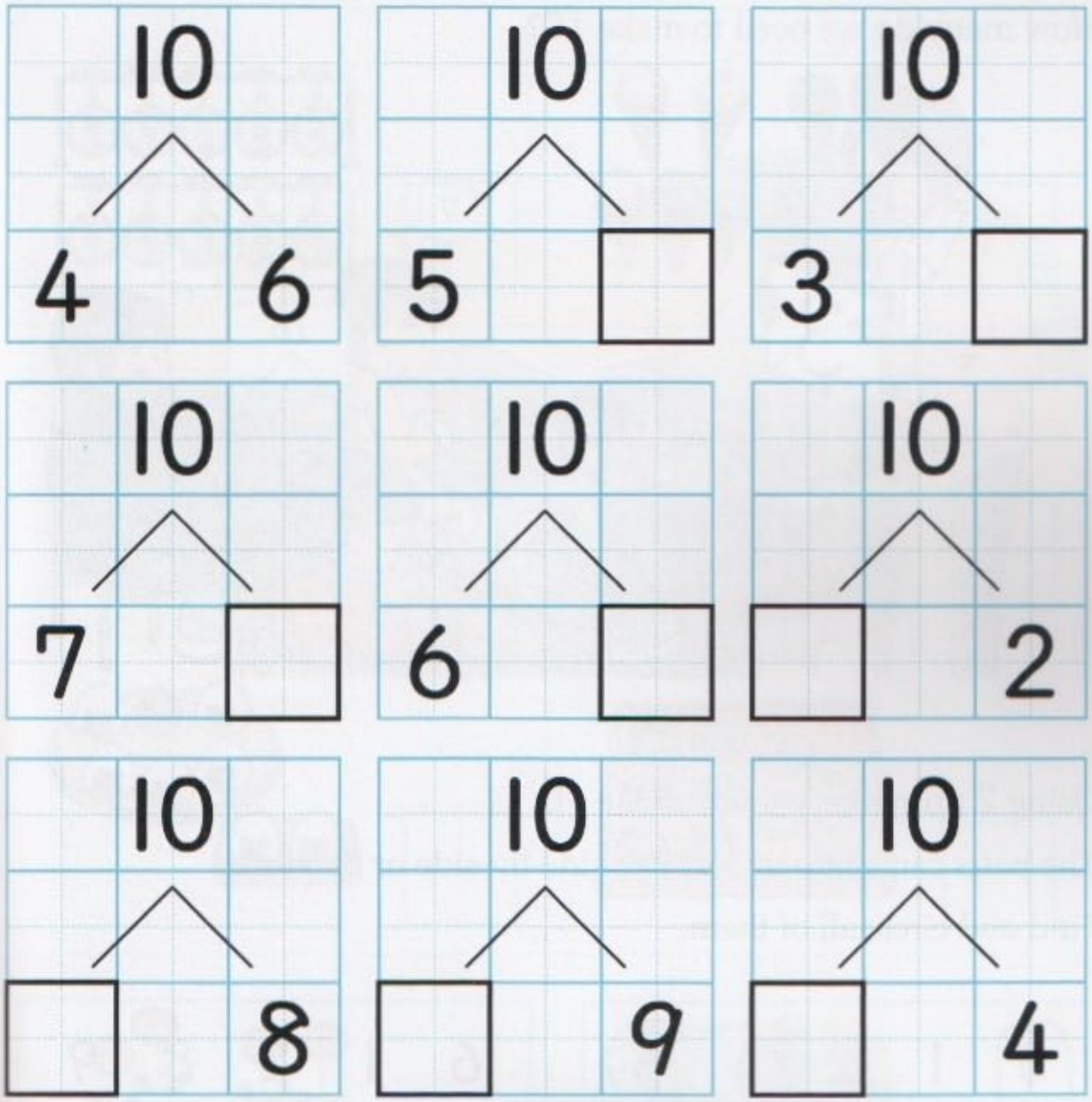
and

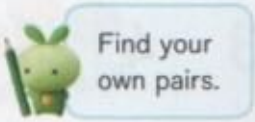
and

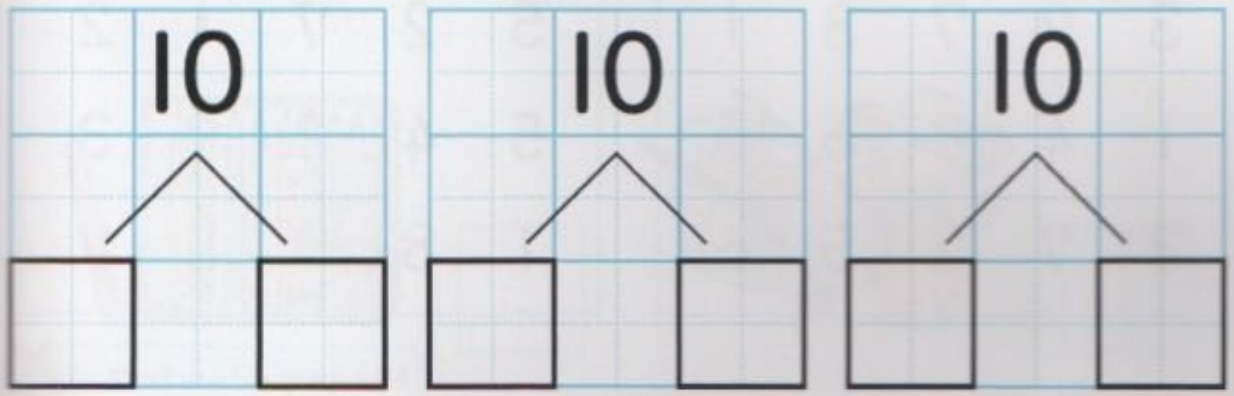
and

and

and


10
4
6
10
5
10
3
10
7
10
6
10
2
10
8
10
9
10
4


Find your
own pairs.


10
10
10

Let's Make 10.

How many do we need to make 10?

B (Practice)

Using 2 numbers, we will make 10.

The pairs can be up and down, side-by-side or diagonal.

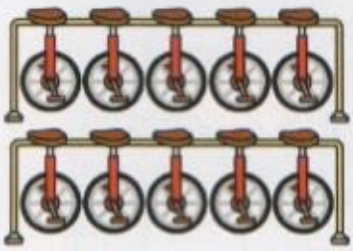
Find and circle all of them.

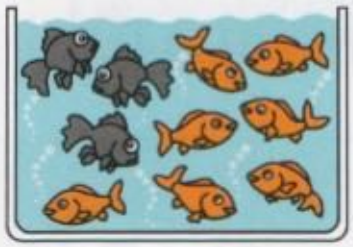
5	1	2	4	6
5	4	8	5	9
3	9	7	3	1
1	4	8	6	5
3	7	2	5	6

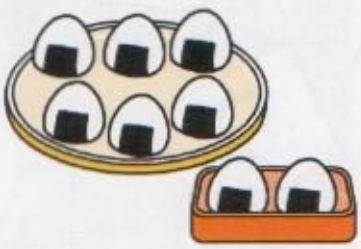
6	1	2	8	9
3	4	3	6	3
5	2	7	1	2
5	4	2	9	3
1	8	3	5	7

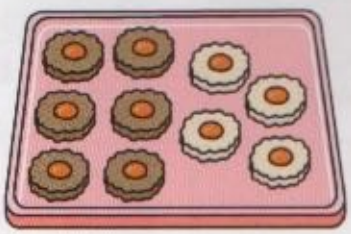
How many did you find?

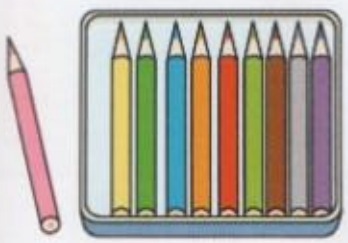
Let's count how many



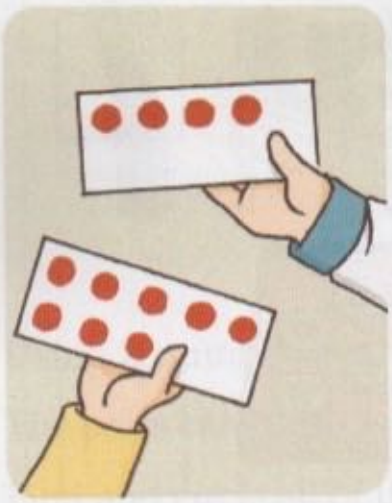


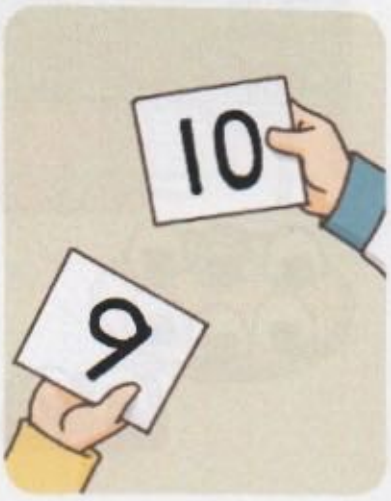


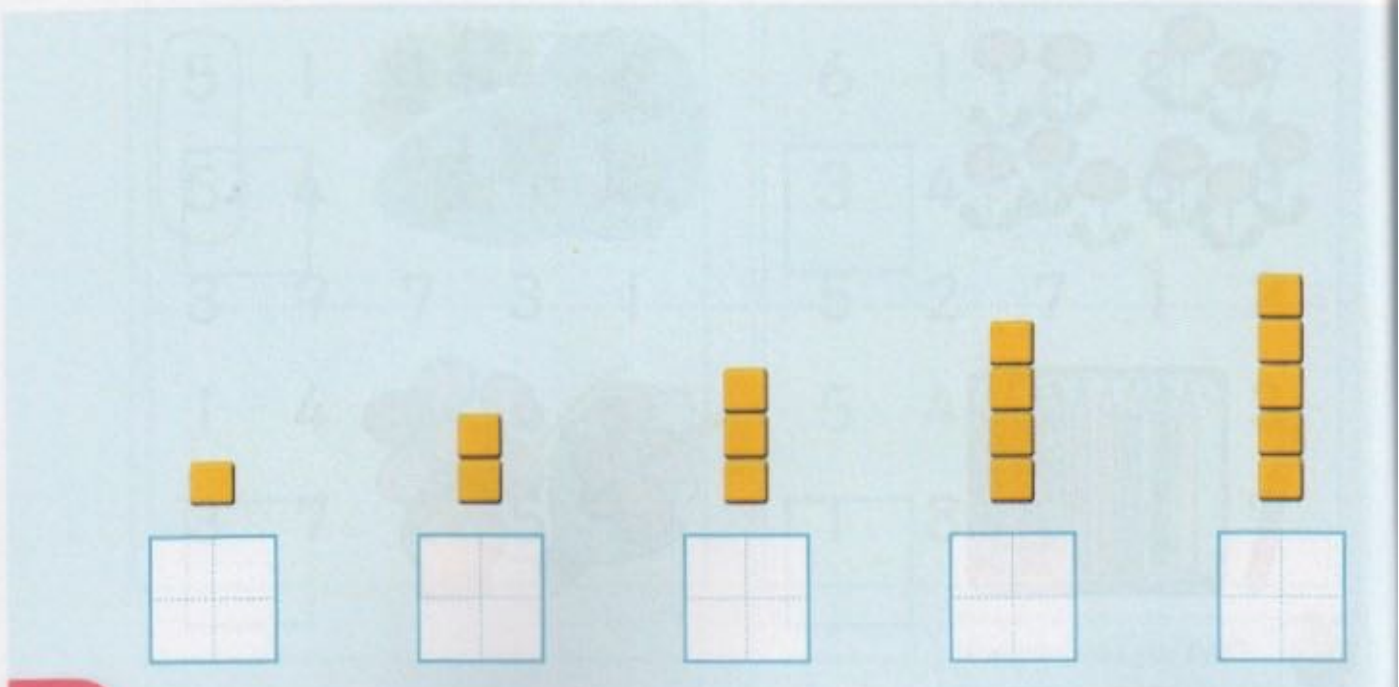


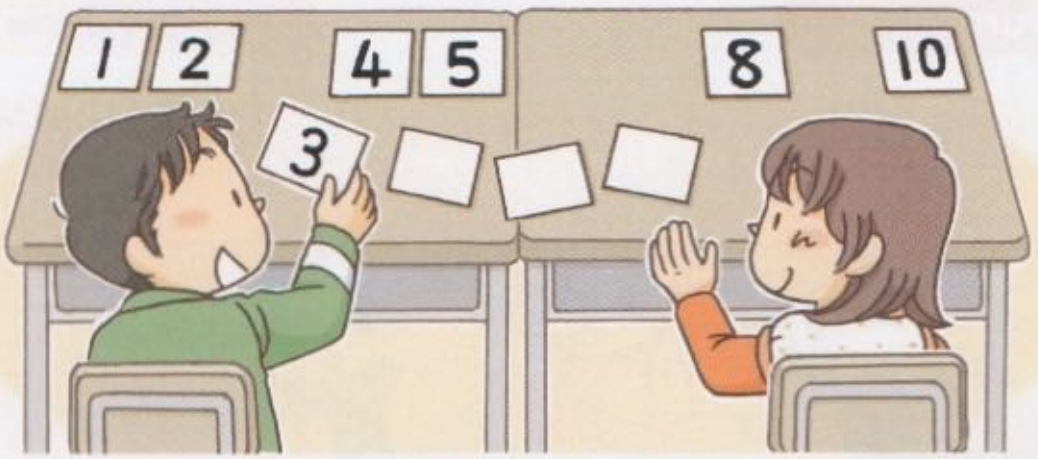


Which is greater?



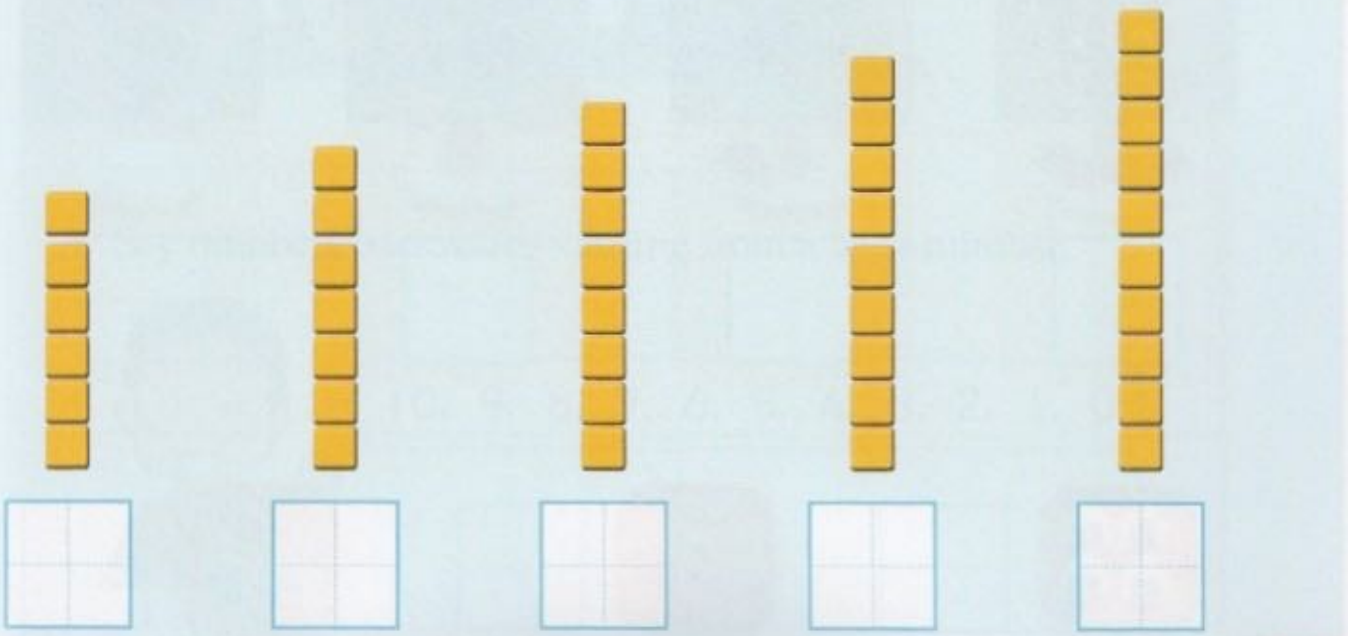






1	2	3	4	5	6	7	8	9	10

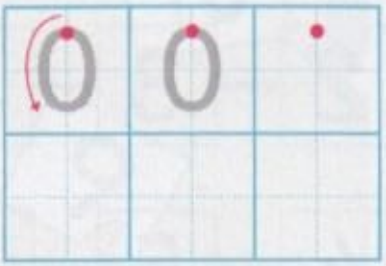
1		3		5		6							
2		3		4				6				8	
4		5						8				10	

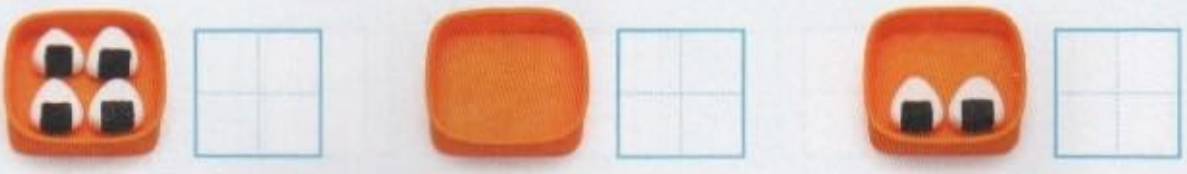


The Number 0

3 2 0

Zero





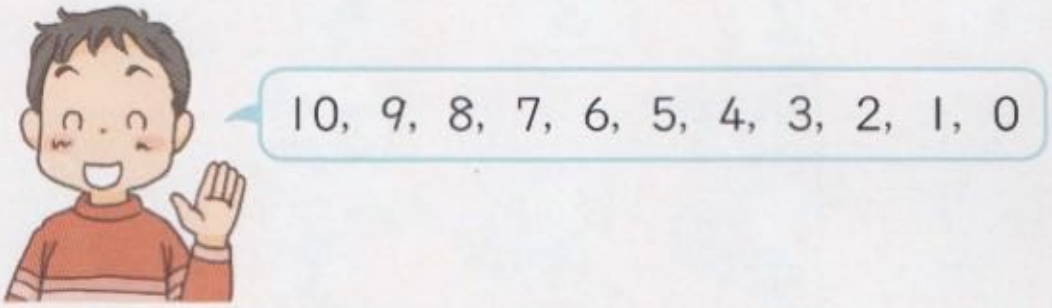
Let's Say Aloud

Count to 10.

▶ Say two numbers in a row each with your friend.

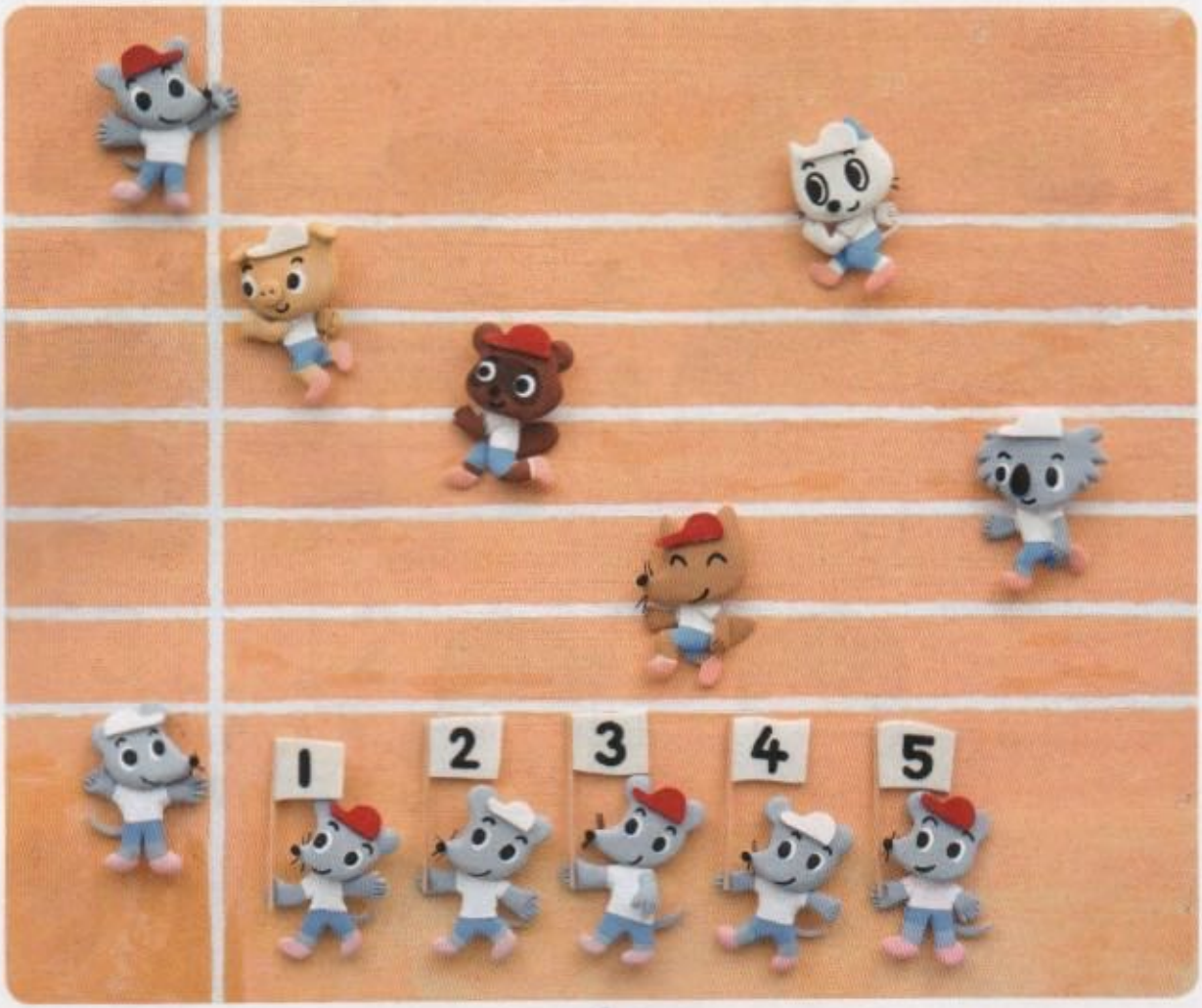
▶ Say three numbers starting at any number.

▶ Say numbers backwards starting from a large number.



2 Ordinal Numbers

What place is it in?

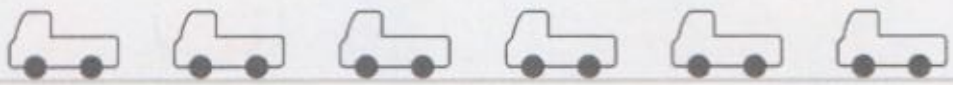


The first 3 animals in line

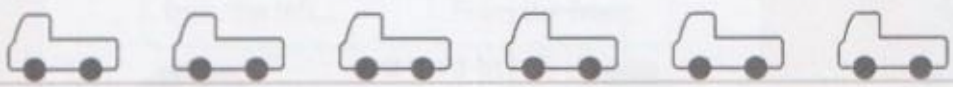
The 3rd animal in line

Circle them

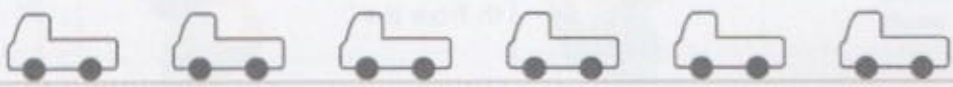
The first 4 cars in line



The 4th car in line



The 5th car from the back of the line



Where is it?

Top

Bottom

Where is ?

From the top, is the

[ ] animal.

Shiho

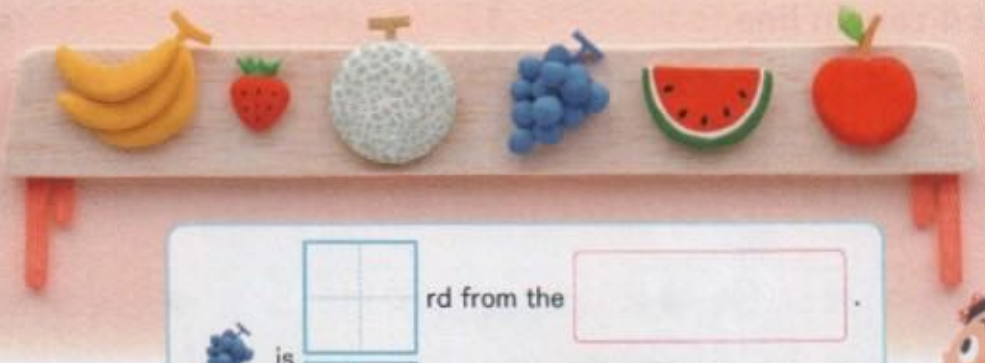
From the bottom, is the

[ ] animal.

Riku

Where is ?

Left



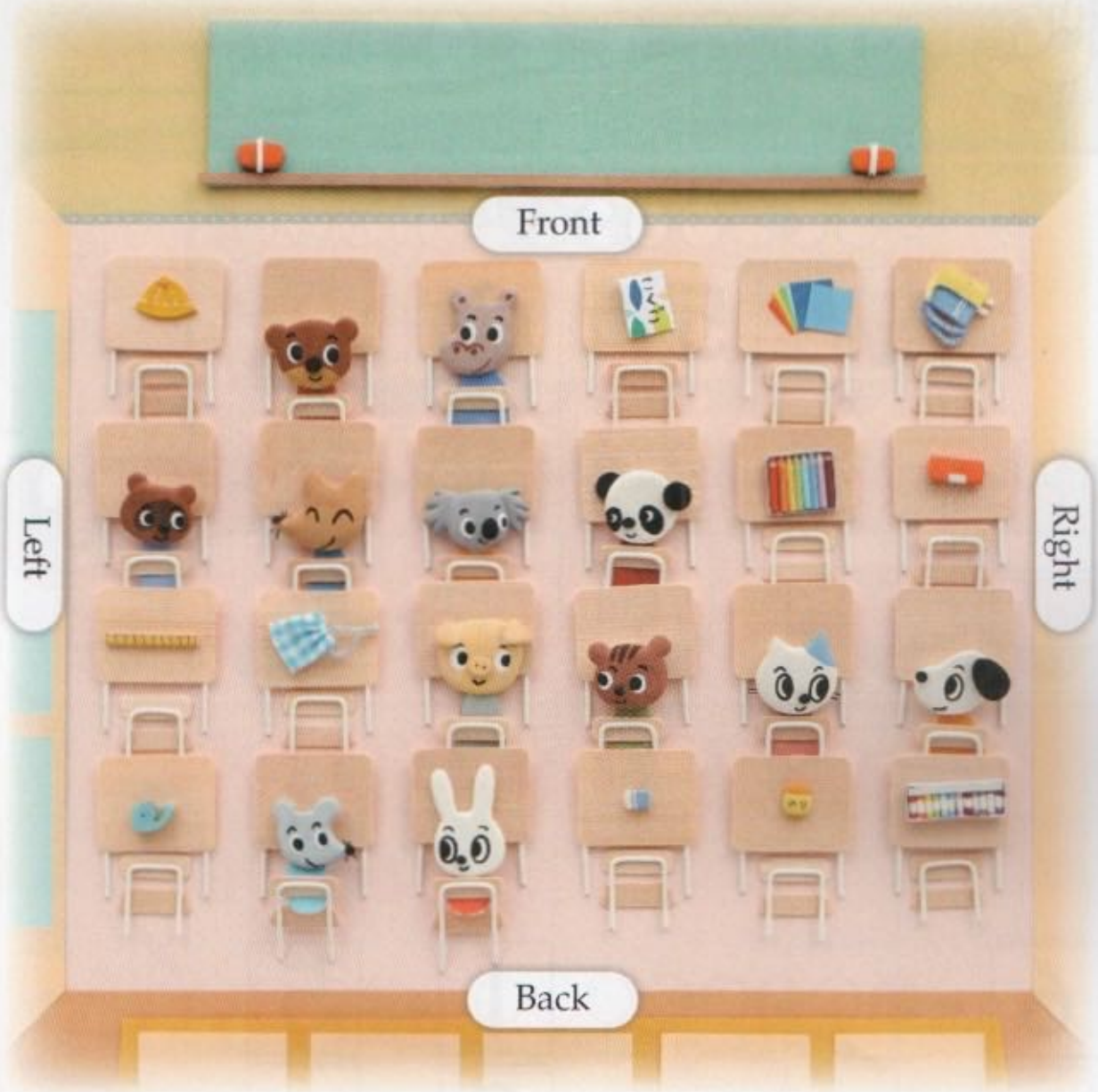
Right

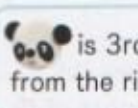
is [ ] rd from the [ ] .

[ ] th from the [ ] .

Ami

Where is ?



 is 3rd from the right.

Kota

If you count from the left...

Ami

From the front...

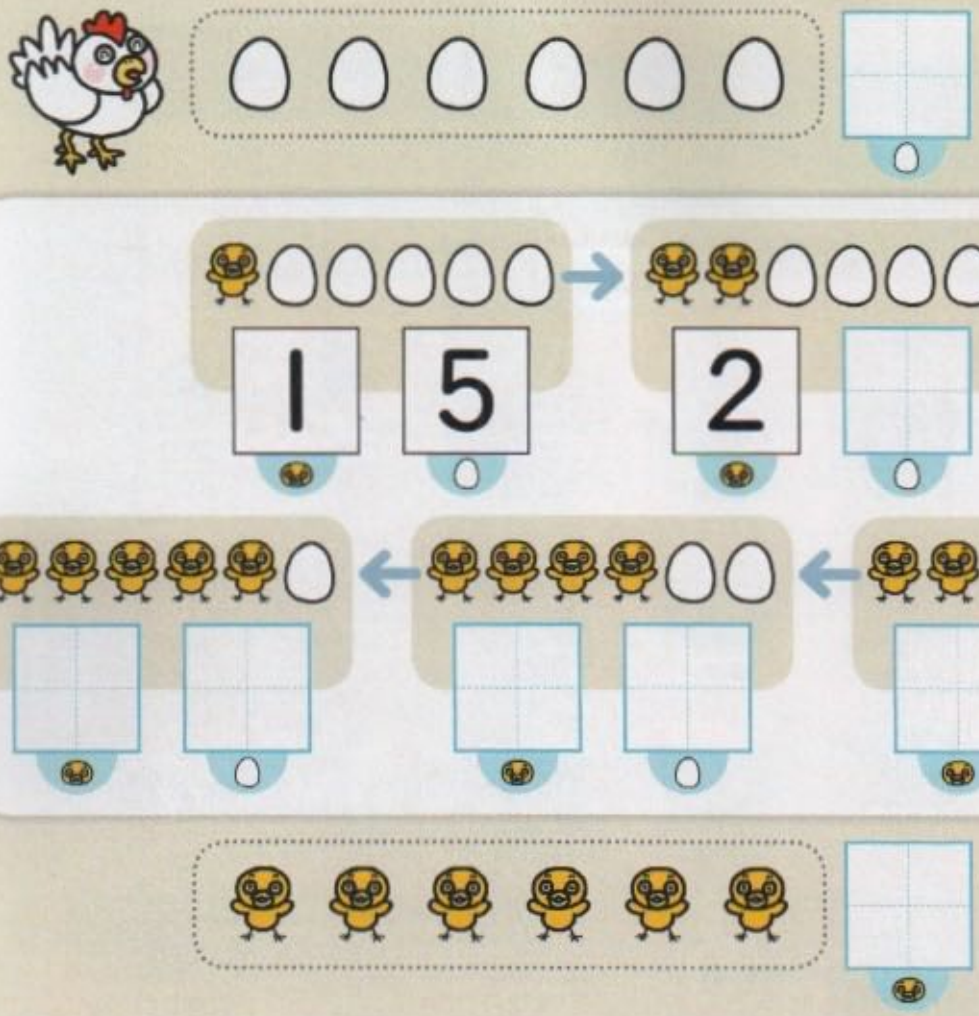
Misaki

You can say it in many ways...

Haruto

How do the numbers change?

There are 6 eggs.



6 is ● ○ ○ ○ ○ ○ 1 and 5

● ● ○ ○ ○ ○ 2 and

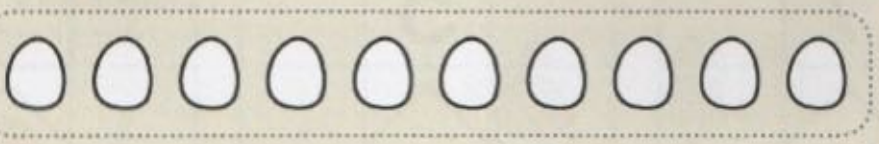
● ● ● ○ ○ ○ and

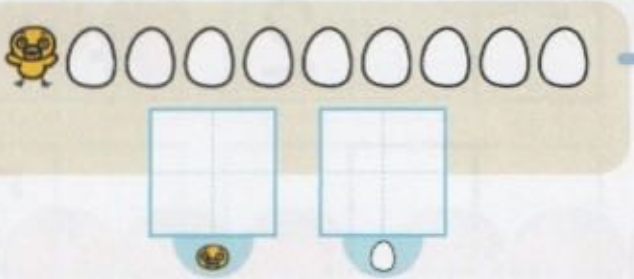
● ● ● ● ○ ○ and

● ● ● ● ● ○ and

When the number of ● increases by 1...

There are 10 eggs.

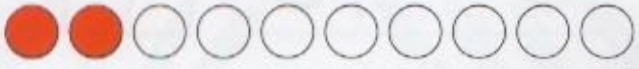




I wonder what will come next.

10 is

and



and

and

and

and

and

and

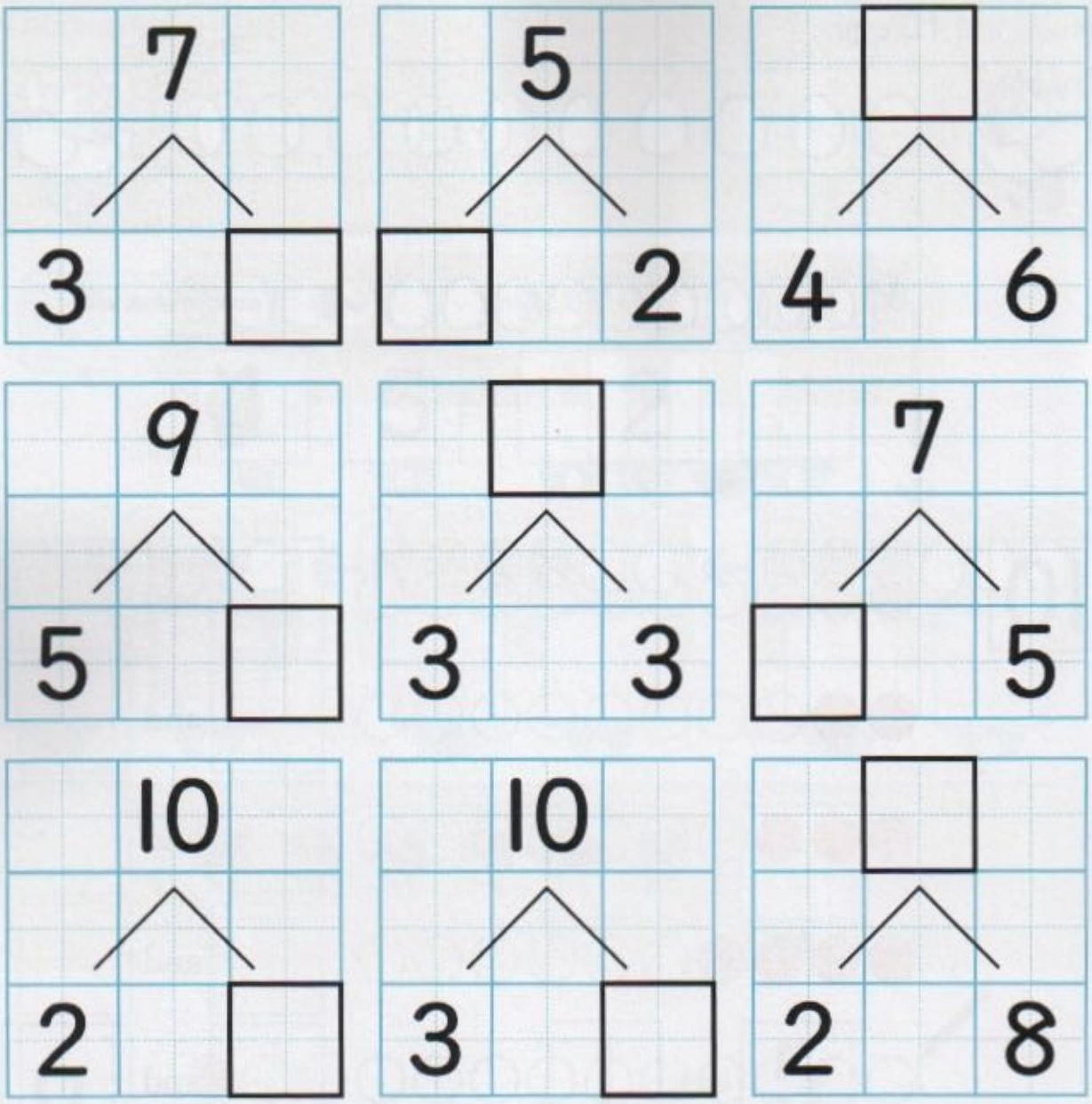
and

and

When the number of ● increases by 1...

Shiho

Let's wrap it up



9 is 2 and ☐

8 is 2 and ☐

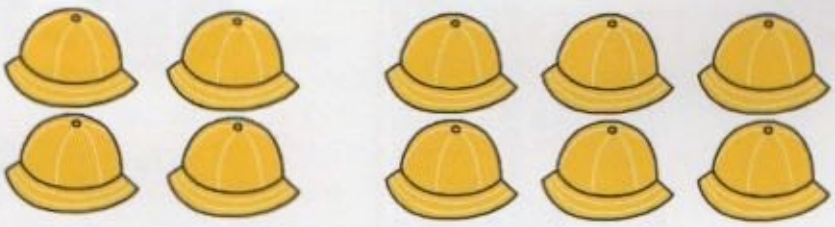
10 is 6 and ☐

10 is 7 and ☐

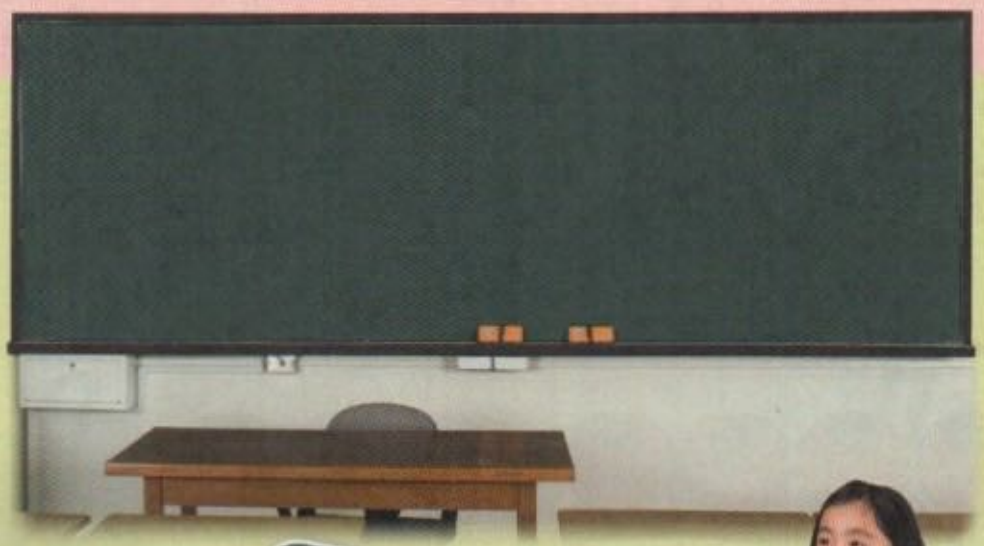
Can you tell how many by just looking at them?

Misaki

2 and 2 make...



Let's find how many



Editorial supervisors
Toshiakira Fujii Professor Emeritus of Mathematics Education Tokyo Gakugei University
Hideyuki Majima Professor Emeritus of Mathematics Ochanomizu University

「New Mathematics」Editorial Board Tokyo Shoseki Co., Ltd.

Cover design / Makoto Osanai (Photographs) Toshio Ohata
Interior design / ABLE DESIGN (Yutaka Wada・Yuri Sato)
Illustrations and Photos / Toshio Ohata, Takanobu Okabe, Makoto Osanai, Ikuyo Kawano, KUMA ART, Kosei Tamura, Maki Doi, Arinobu Fukushima, Kakuho Fujii, Ryoichi Minagawa, Yoshinori Watabe
Translations / **Akihiko Takahashi** DePaul University (Senior Project Director)
Tad Watanabe Kennesaw State University (Project Director)

New Mathematics 1 ① for Elementary School
the date of issue 9/1/2020 (Digital Version) 10/1/2020 (Print-on-Demand Version)

Editor **Toshiakira Fujii, Hideyuki Majima** and 「New Mathematics」Editorial Board
Publisher **Tokyo Shoseki Co., Ltd.** 2-17-1 HORIFUNE, KITA-KU, TOKYO, JAPAN

Phone Global Marketing Department +81(3)53907551

No part of this publication may be reproduced, stored in a retrieval system, or Transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the copyright owner

Copyright © 2020 by Tokyo Shoseki Co., Ltd.

代表
藤井斉亮 東京学芸大学名誉教授 真島秀行 お茶の水女子大学名誉教授

「新しい算数」編集委員会 東京書籍株式会社

●色彩デザインに関する編集協力：色覚問題研究グループぱすてる
●表紙：おさないまこと／(撮影)大畑俊男
●表紙・本文デザイン：エイブルデザイン(和田裕・佐藤由梨)
●さし絵・図版・写真：大畑俊男／岡部タカノブ／おさないまこと／川野郁代／熊アート／田村公生／どいまき／福島有伸／フジイカクホ／皆川良一／渡部佳則
●翻訳：高橋昭彦 ディポール大学准教授／Tad Watanabe ケネソー州立大学教授

あたらしい さんすう 1 ① さんすうの とびら
令和2年2月10日発行

著作者 藤井斉亮・真島秀行 ほか84名
発行者 東京書籍株式会社 代表者 千石雅仁 東京都北区堀船2丁目17番1号

発行所 東京書籍株式会社 東京都北区堀船2丁目17番1号 〒114-8524

電話 本社 広報 03-5390-7212 編集 03-5390-7386 供給・販売 03-5390-7247
デジタル商品サポートダイヤル 0120-29-3363
支社・出張所 札幌 011-562-5721 仙台 022-297-2666 東京 03-5390-7467 金沢 076-222-7581 名古屋 052-939-2722
大阪 06-6397-1350 広島 082-568-2577 福岡 092-771-1536 鹿児島 099-213-1770 那覇 098-834-8084

本書の解説書・ワークブック並びにこれに類するものの無断発行を禁じる ㊙

Copyright © 2020 by Tokyo Shoseki Co., Ltd.
All rights reserved

TOKYO SHOSEKI

9784487814718