



九年义务教育课本

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数学

一年级第一学期
(试用本)



少年儿童出版社

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九年义务教育课本

上海市教育委员会版权所有

数学

一年级第一学期
(试用本)



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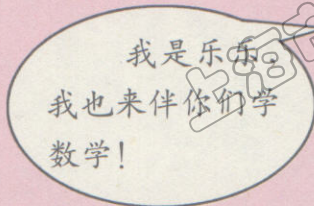
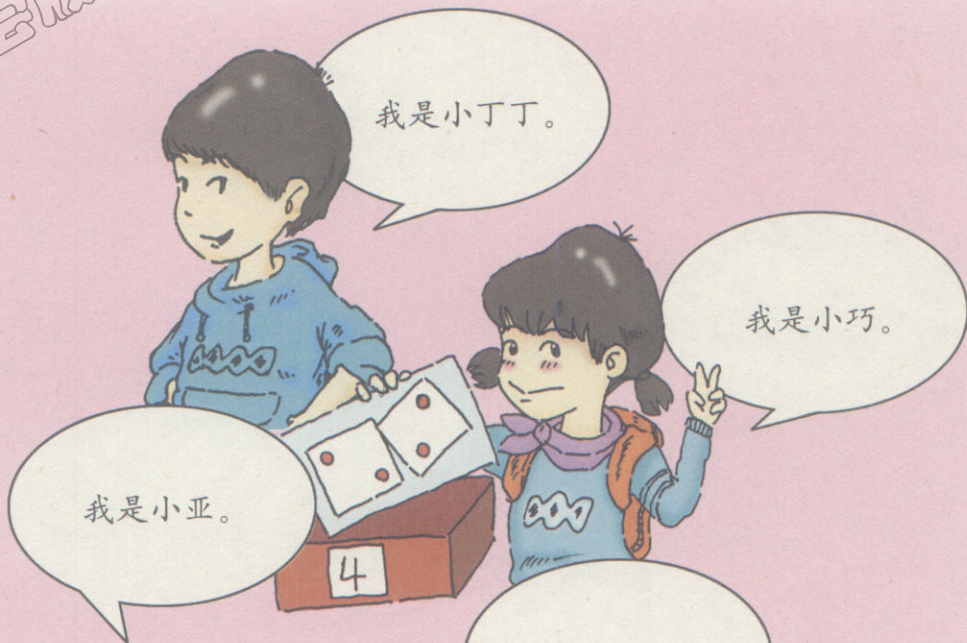
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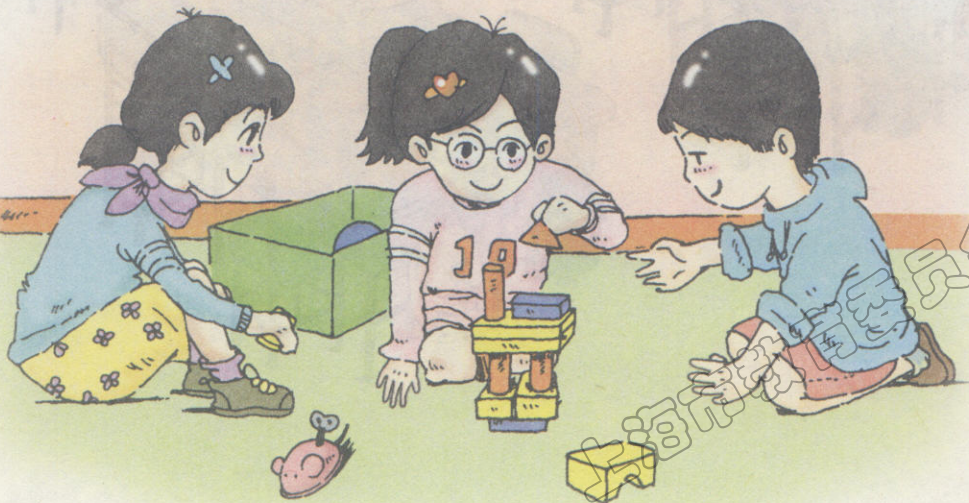
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—、
10 以内的数

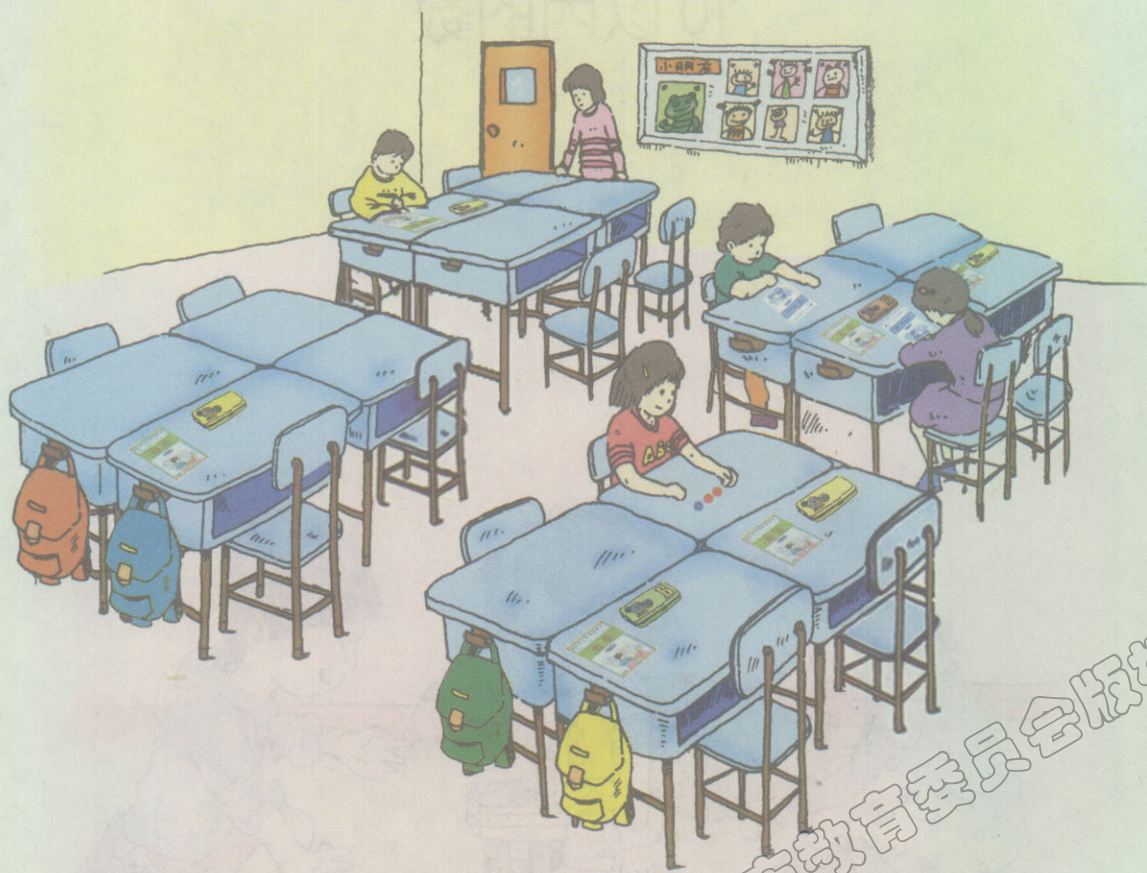




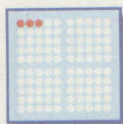
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教室里有什么？



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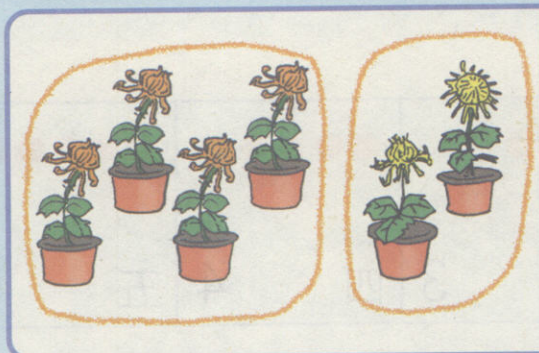


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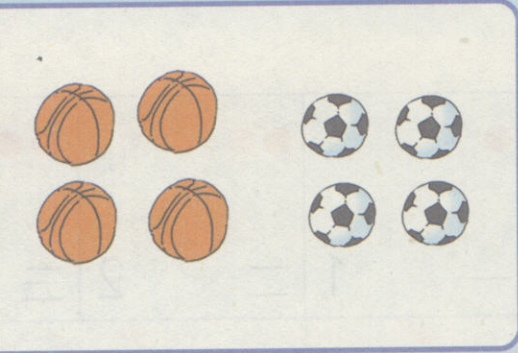


我们来分一分。

①



②



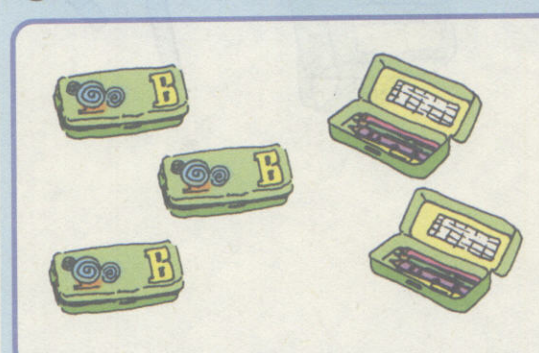
③



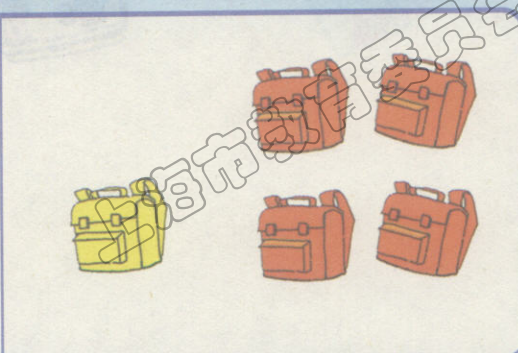
④



⑤



⑥



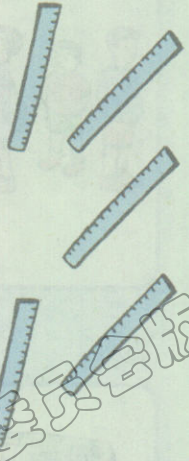
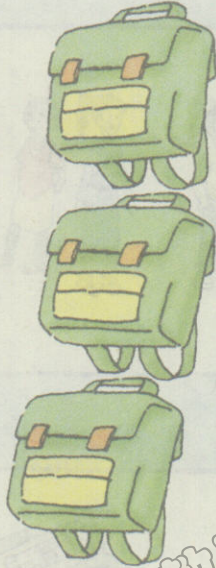
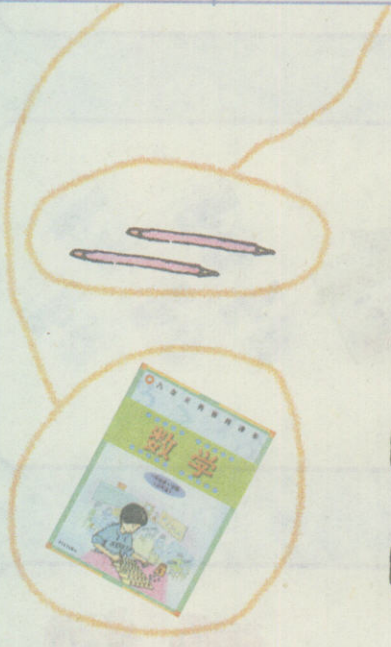


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数一数，连一连。

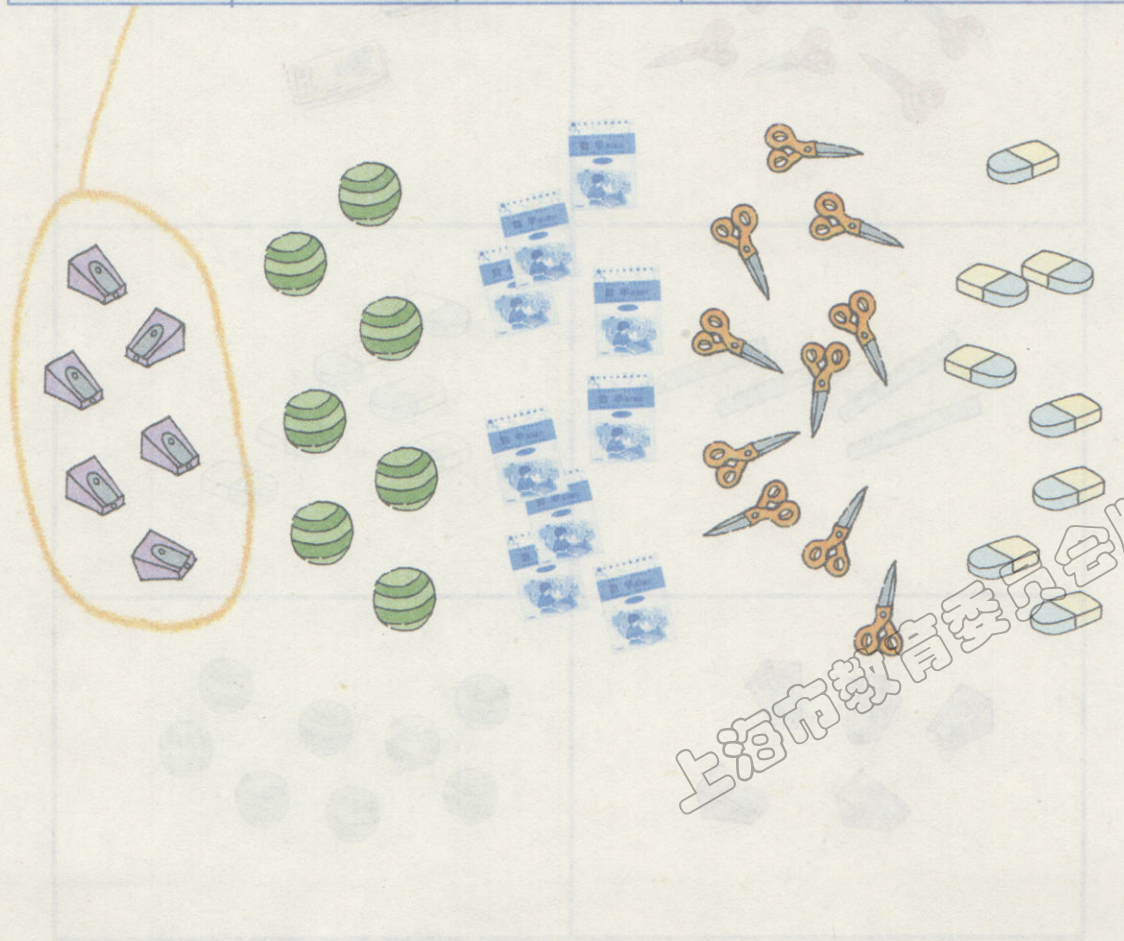
—	1	二	2	三
			3	四
				4
				五
				5

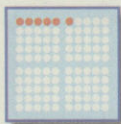


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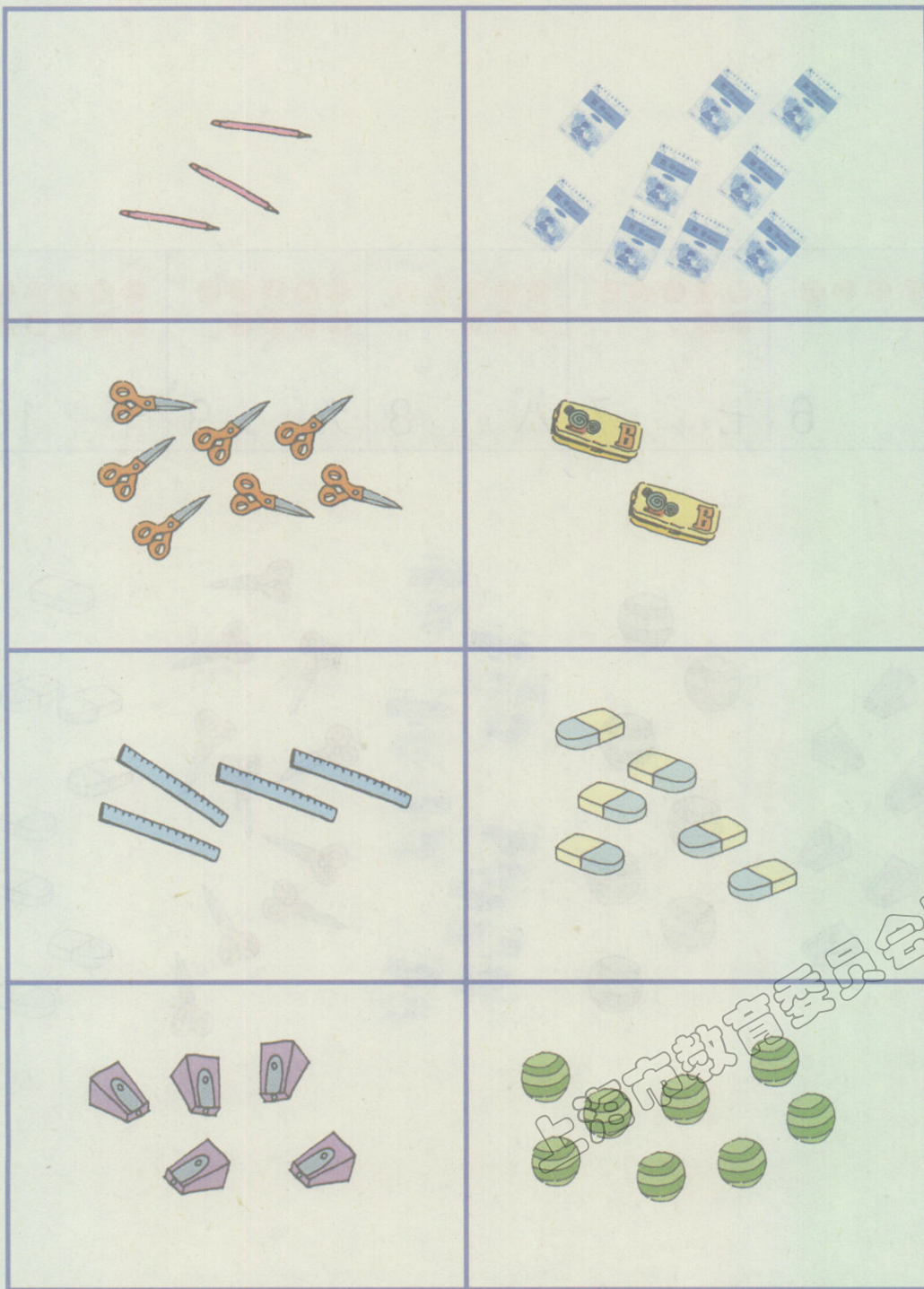


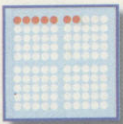
六 6	七 7	八 8	九 9	+ 10



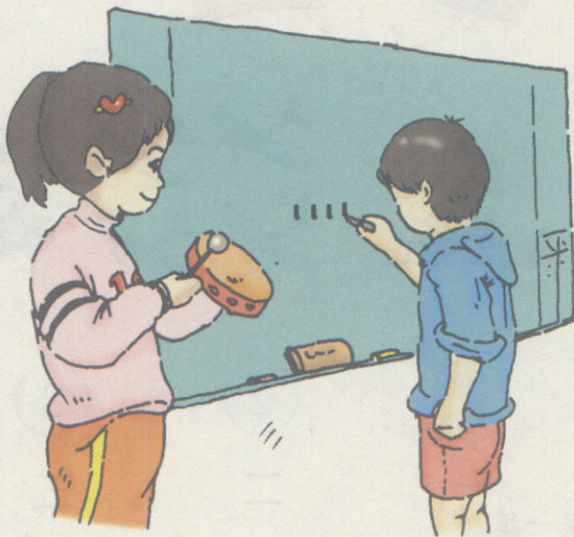


2. 指着数。

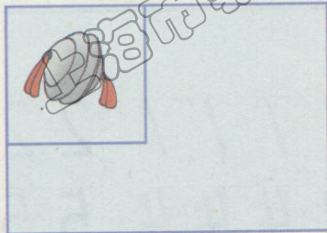
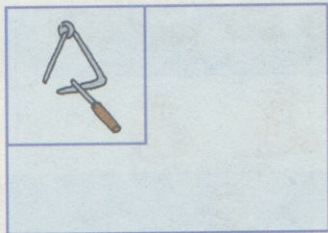
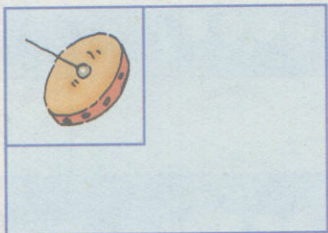




我们一边听，一边数。



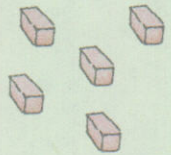
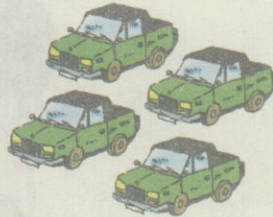
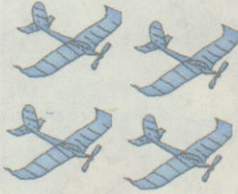
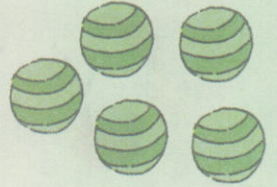
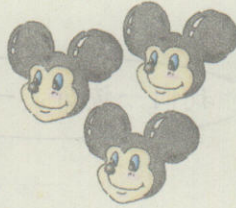
② 听一听，响了几次？





4. 小练习

① 数一数，连一连。



1

2

3

4

5

—

二

三

四

五

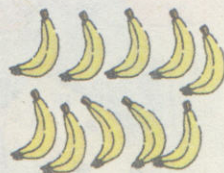
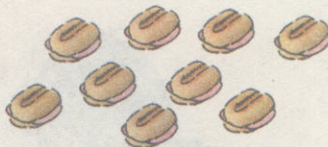
② 填一填。

		3
		4
		2
		1
		5

③ 写数。

1 1 1 1 1 1 1 2 2 2 2 2 2 3 3 3 3 3 3

4 4 4 4 4 4 5 5 5 5 5 5



6

六

7

七

8











八

9

九

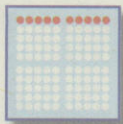
10

十

		7
		9
		6
		8
		

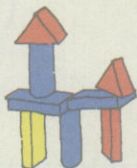
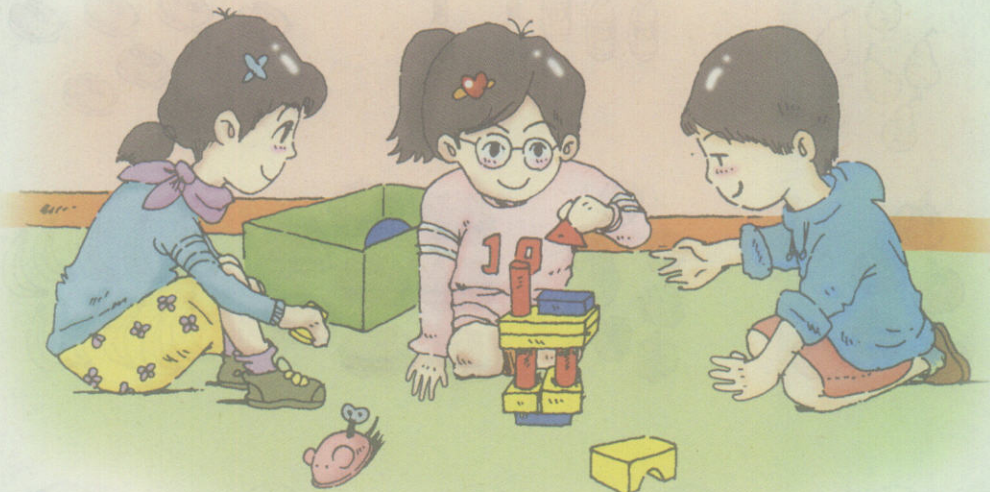
6 6 6 6 6 6 7 7 7 7 7 7 8 8 8 8 8 8

9 9 9 9 9 9 10 10 10 10 10 10

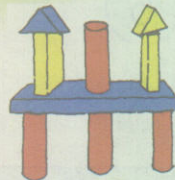


5. 数一数、记一记、写一写。

① 数一数、记一记。



	3





② 写数。

3 3

4 4



6. 一只手有5个手指。

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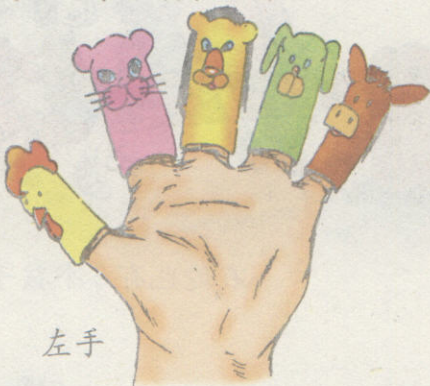


左手有5个手指。

右手也有5个手指。



② 每只手戴几只手指套?

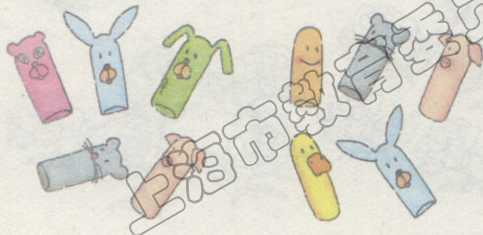
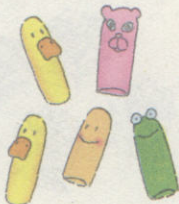
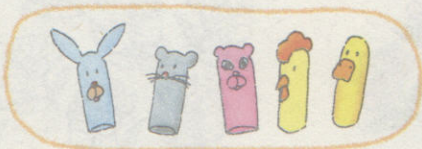


左手



右手

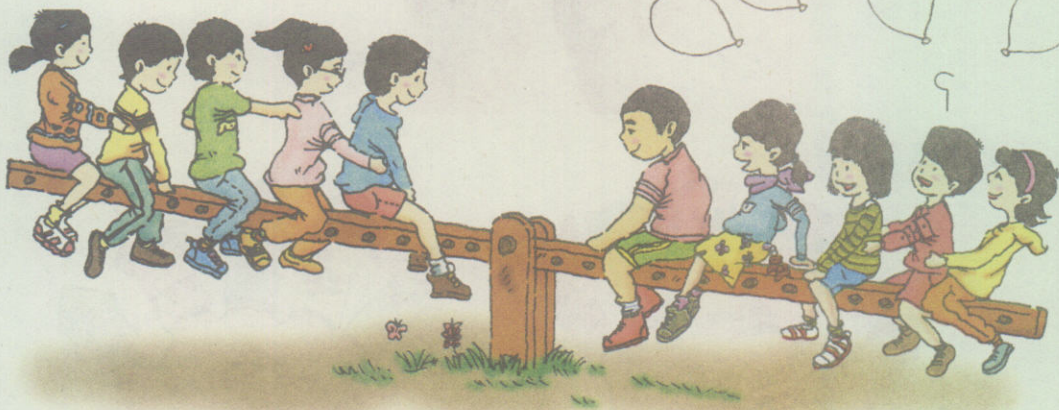
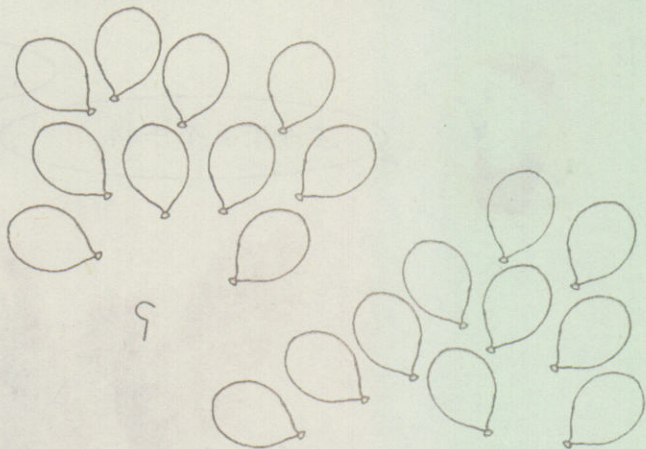
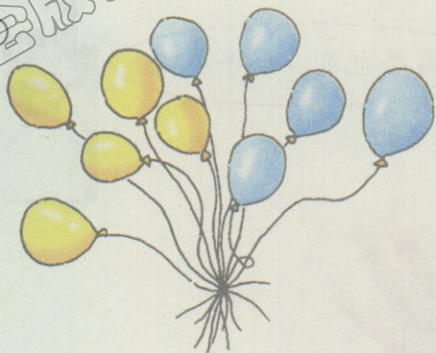
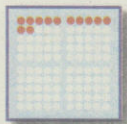
③ 5只一圈。



④ 写数。

5 5

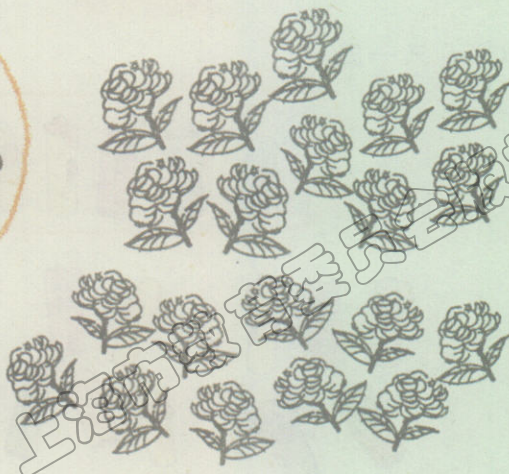
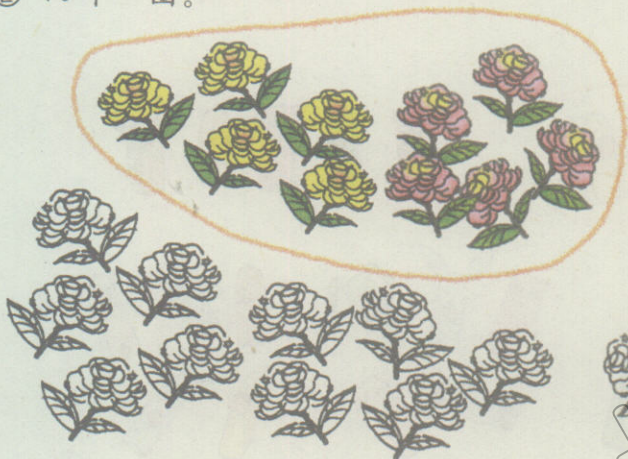
7.10 共 2 个 5。



左边有 5 个孩子

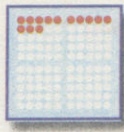
右边也有 5 个孩子

② 10 个一圈。



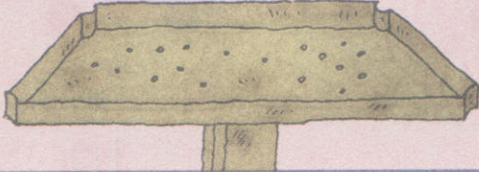
③ 写数。

10 10



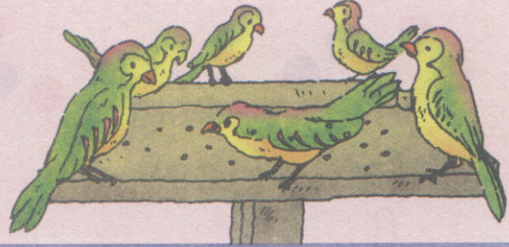
8. 零。

① 有几只鸟?



原来没有鸟。

0



现在飞来6只鸟。

6

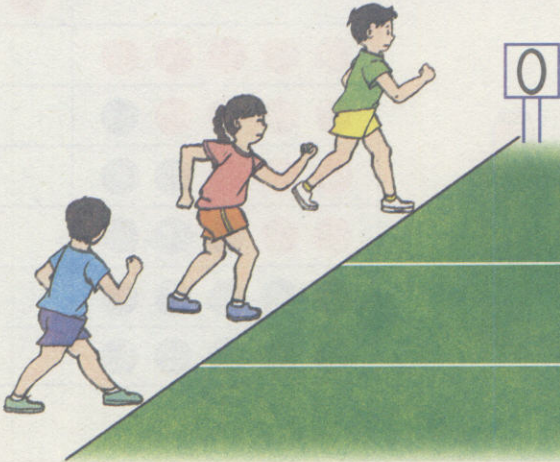
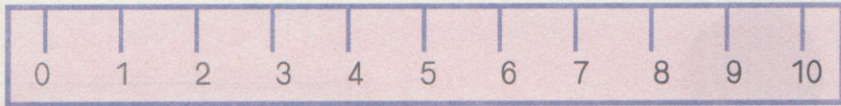
②



0 还可以表示什么?



从0开始。



③ 写数。

0 0

6 6

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几个与第几个



1. 停车场



一共有几辆车？

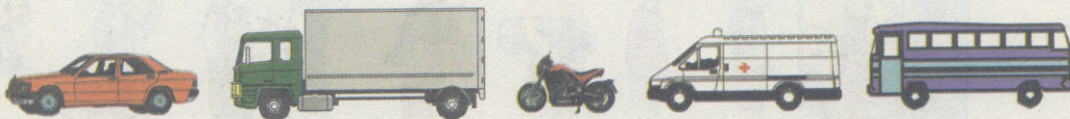


②




从左往右数，第2辆是什么车？


从右往左数，第2辆是什么车？

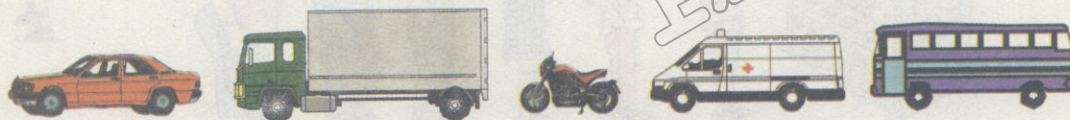


③

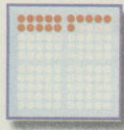


从左往右数，是第几辆？

从右往左数，是第几辆？



2. 买冰淇淋



个八第三个八

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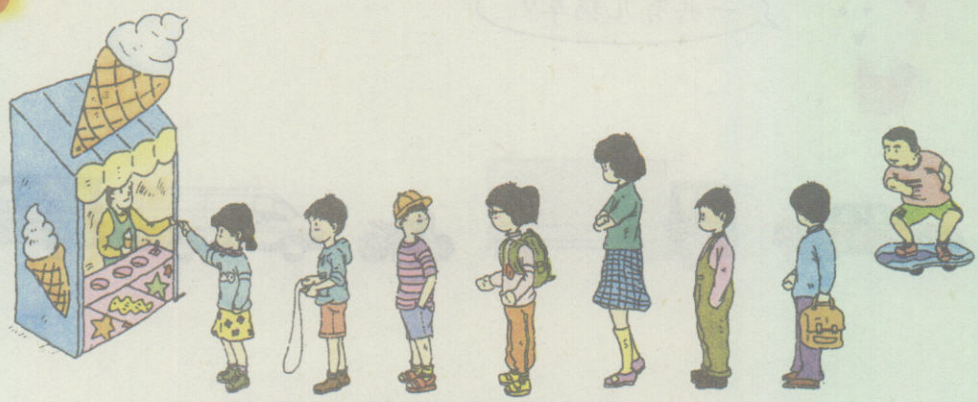


瞧, 发生了什么?

有几个人在排队, 各排在第几个?

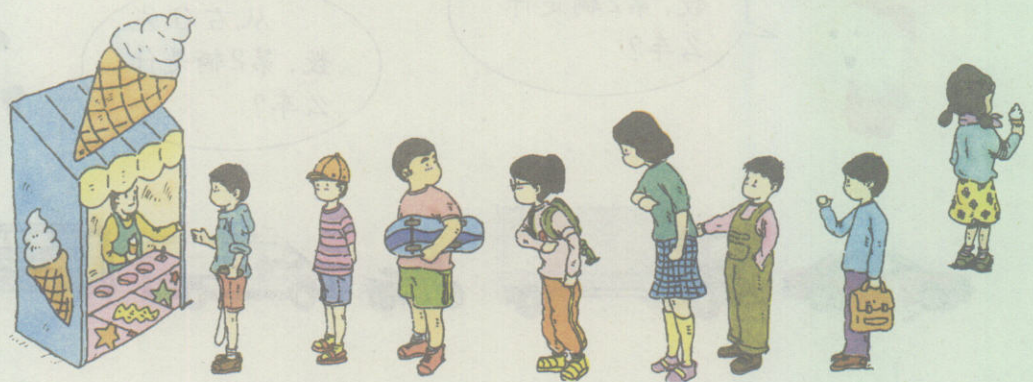


①



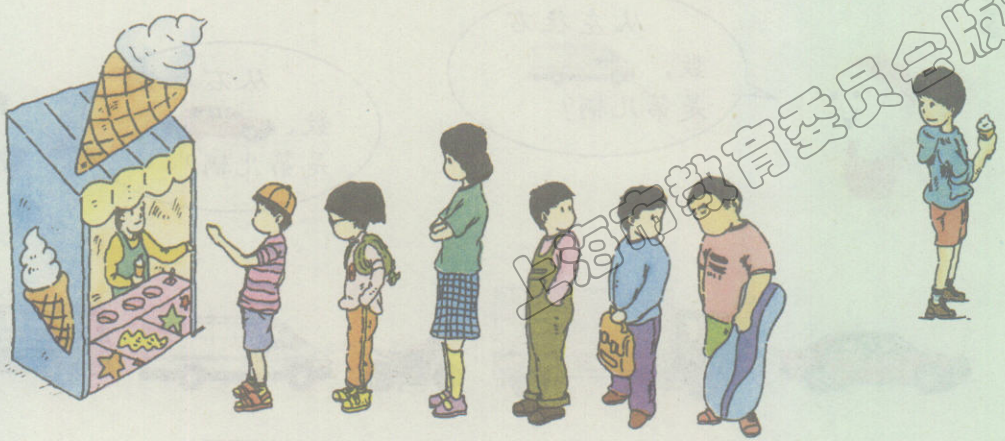
第一 第二 第三 第 第 第 第

②



第 第 第 第 第 第 第

③



第 第 第 第 第 第

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比一比

1. 多与少

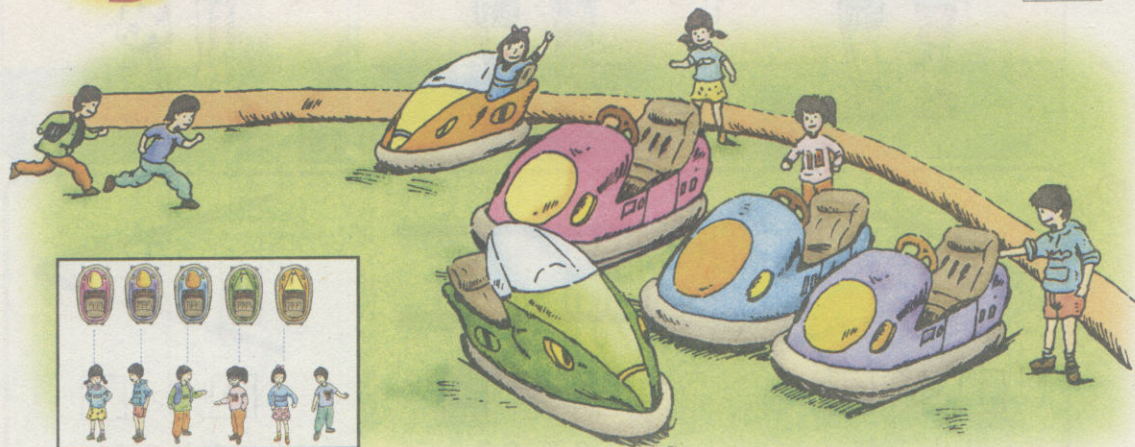


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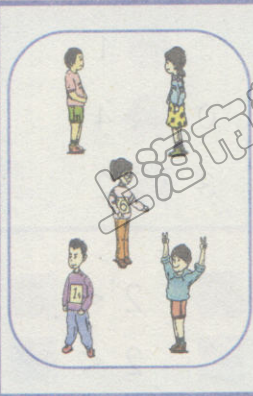
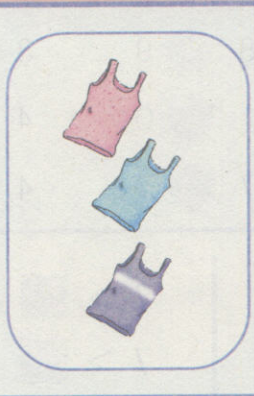
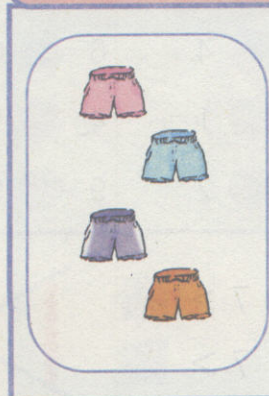


车够吗?

车比人少, 少几辆?
人比车多, 多几个?



② 比一比, 说一说。

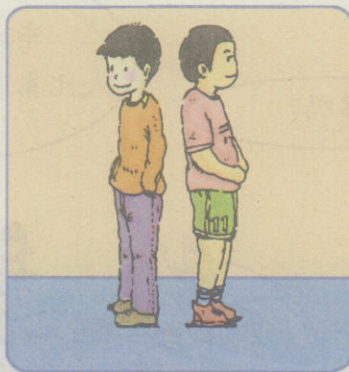
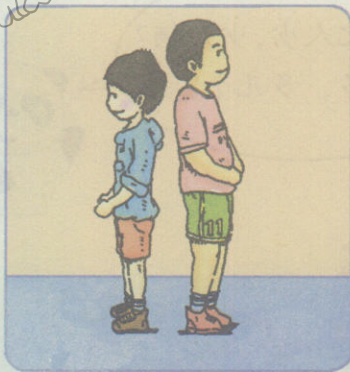


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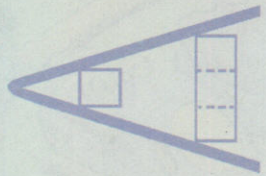


2. 小于、等于、大于。

比一比身高!

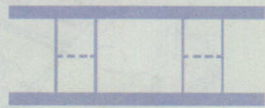


②



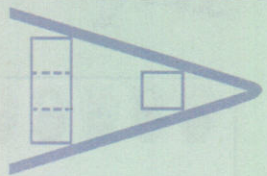
$$1 < 3$$

1 小于 3



$$2 = 2$$

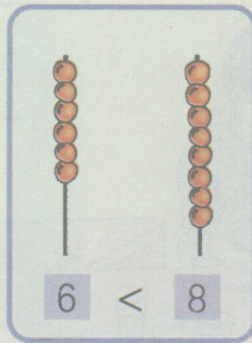
2 等于 2



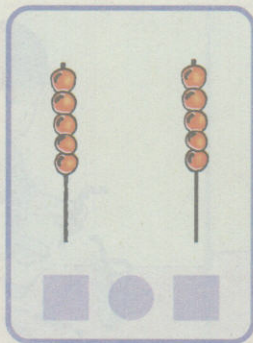
$$3 > 1$$

3 大于 1

③



$$6 < 8$$



$$4 = 4$$



$$4 > 1$$



$$3 > 2$$

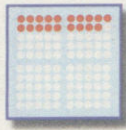
④

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

⑤

	$2 < \square$	$2 < \square$	
	$2 < \square$	$2 < \square$	

数射线

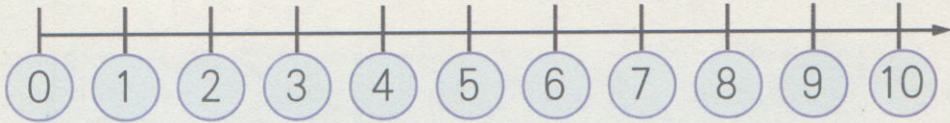


1. 数射线。

0是起点。

每格都一样。

从0往右数,越数越大!



填相邻的数。

0 1 2

2

3

0在1的左边。
2在1的右边。

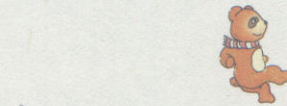
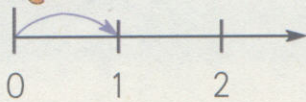
7

8

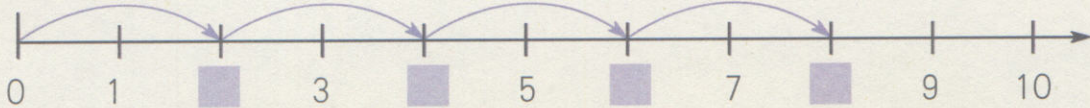
2. 填数。



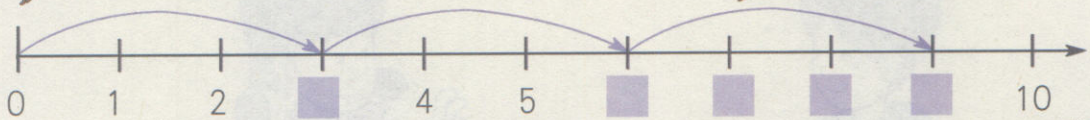
1格一跳。



2格一跳。

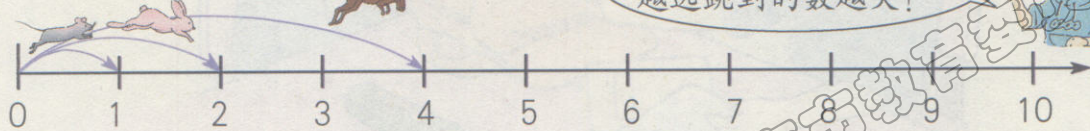


3格一跳。



3. 向右跳。

从0向右跳,跳得越远跳到的数越大!



: 1 ● 2 或 2 ● 4
 : 1 ● 4 2 ● 4
 : 1 ● 4 2 ● 4

4. 9 ● 8 9 ● 10 7 ● 4 8 > 5 <



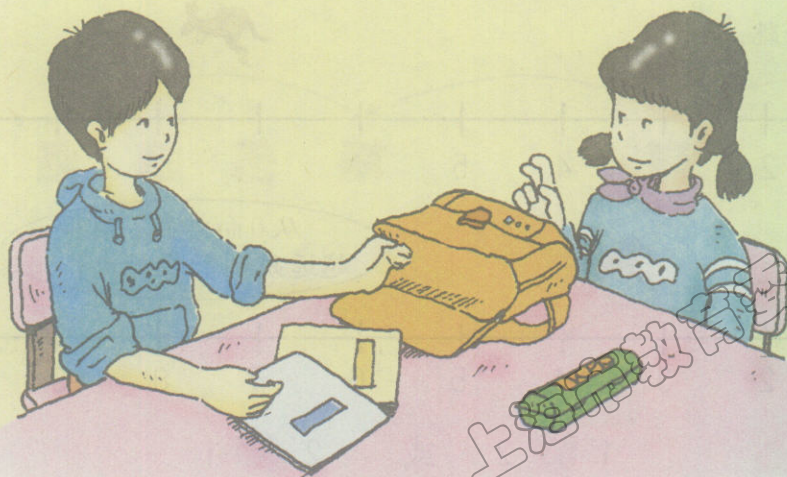
第一单元

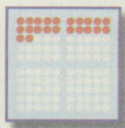
10以内数的加法

10以内数的减法

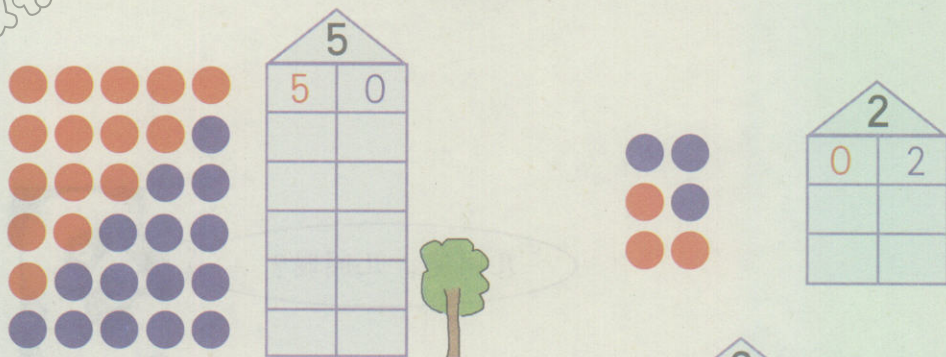
二、

10以内数的加减法

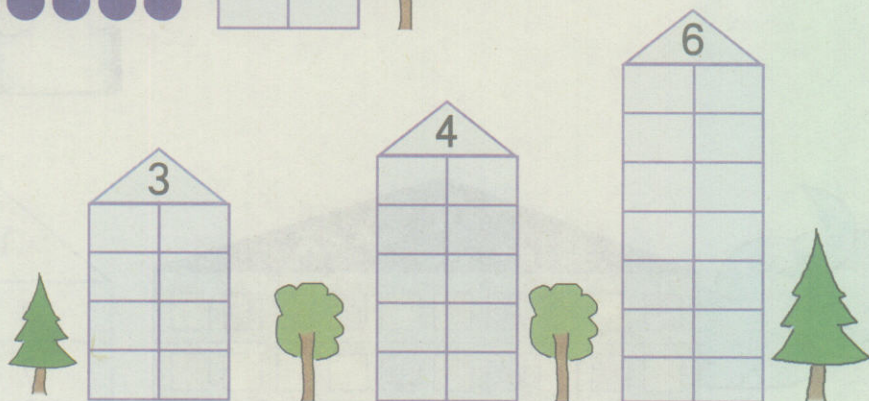




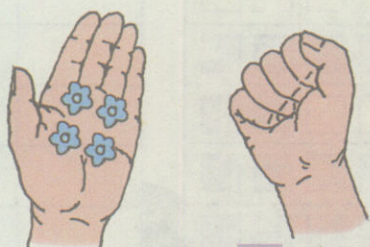
2.



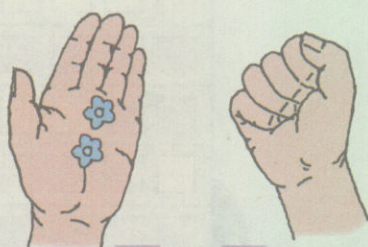
3.



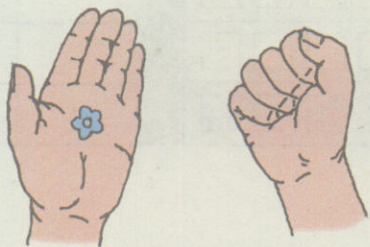
4. 在两只手中共有 7 个梅花片。



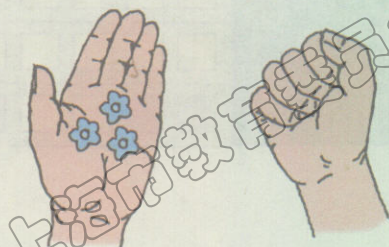
4 和



和



和



和

5. 8 个梅花片分成两堆，可以怎么分？

9 个梅花片分成两堆，可以怎么分？

加法

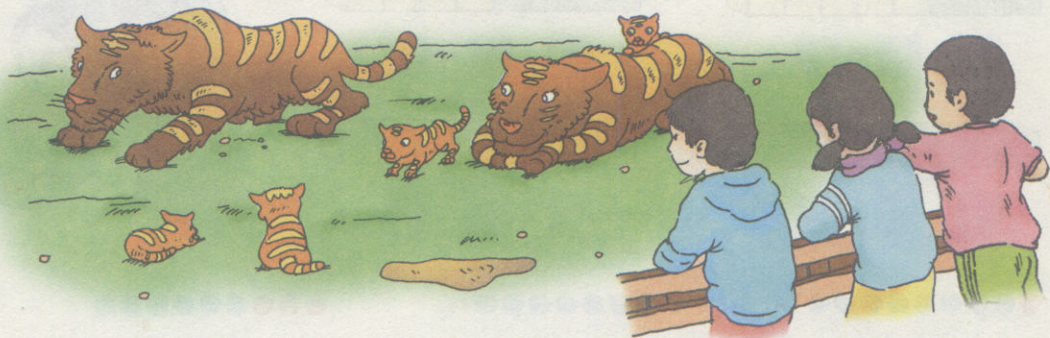
合并



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大虎有2只,小虎有4只,合在一起共有几只老虎?



$$\begin{array}{ccccccc}
 2 & + & 4 & = & 6 \\
 \vdots & & \vdots & & \vdots \\
 \text{加数} & & \text{加数} & & \text{和} \\
 \square & + & \square & = & \square
 \end{array}$$

读作：2加4等于6。还可以列成4+2=6吗？



2.

$$\begin{array}{l}
 1 + 5 = \square \\
 5 + 1 = \square
 \end{array}$$

$$\begin{array}{l}
 \square + \square = \square \\
 \square + \square = \square
 \end{array}$$

$$\begin{array}{l}
 \square + \square = \square \\
 \square + \square = \square
 \end{array}$$

3.

$$\begin{array}{l}
 \square + \square = \square \\
 \square + \square = \square
 \end{array}$$

$$\begin{array}{l}
 \square + \square = \square \\
 \square + \square = \square
 \end{array}$$

$$\begin{array}{l}
 \square + \square = \square \\
 \square + \square = \square
 \end{array}$$

小练习



$1 + 7 = \square$



$2 + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



2.



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



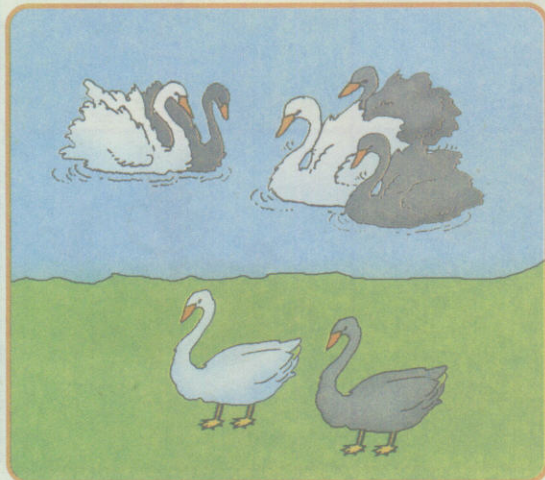
$\square + \square = \square$

3.



说一说，写加法算式。

我来试一试。



添加

1. 小胖上车



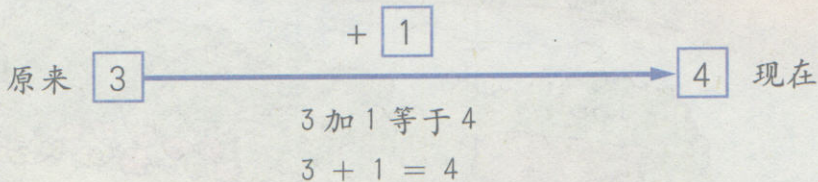
原来有3人



又上来1人



现在有几?



$3 \xrightarrow{+2} \square$

$3 \xrightarrow{+3} \square$

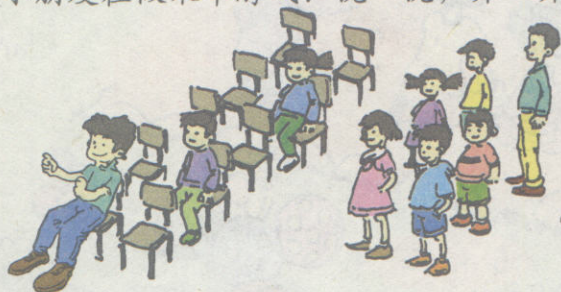
$3 \xrightarrow{+4} \square$

$4 \xrightarrow{+2} \square$

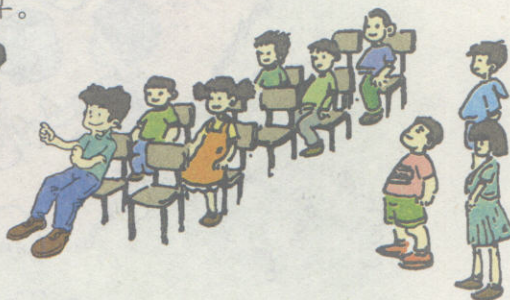
$4 \xrightarrow{+4} \square$

$4 \xrightarrow{+6} \square$

2. 小朋友在做乘车游戏：说一说，算一算。



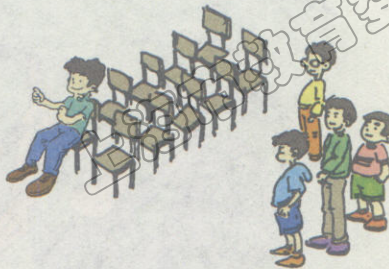
$3 + 6 = \square$



$6 + \square = \square$



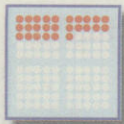
$\square + \square = \square$



$\square + \square = \square$

讲讲算算 (一)

绿地



原来有3只箱子，又运来了2只箱子，现在有几只箱子？
 $3 + 2 = 5$ (只)
口答：现在有5只箱子。

$2 + 1 =$



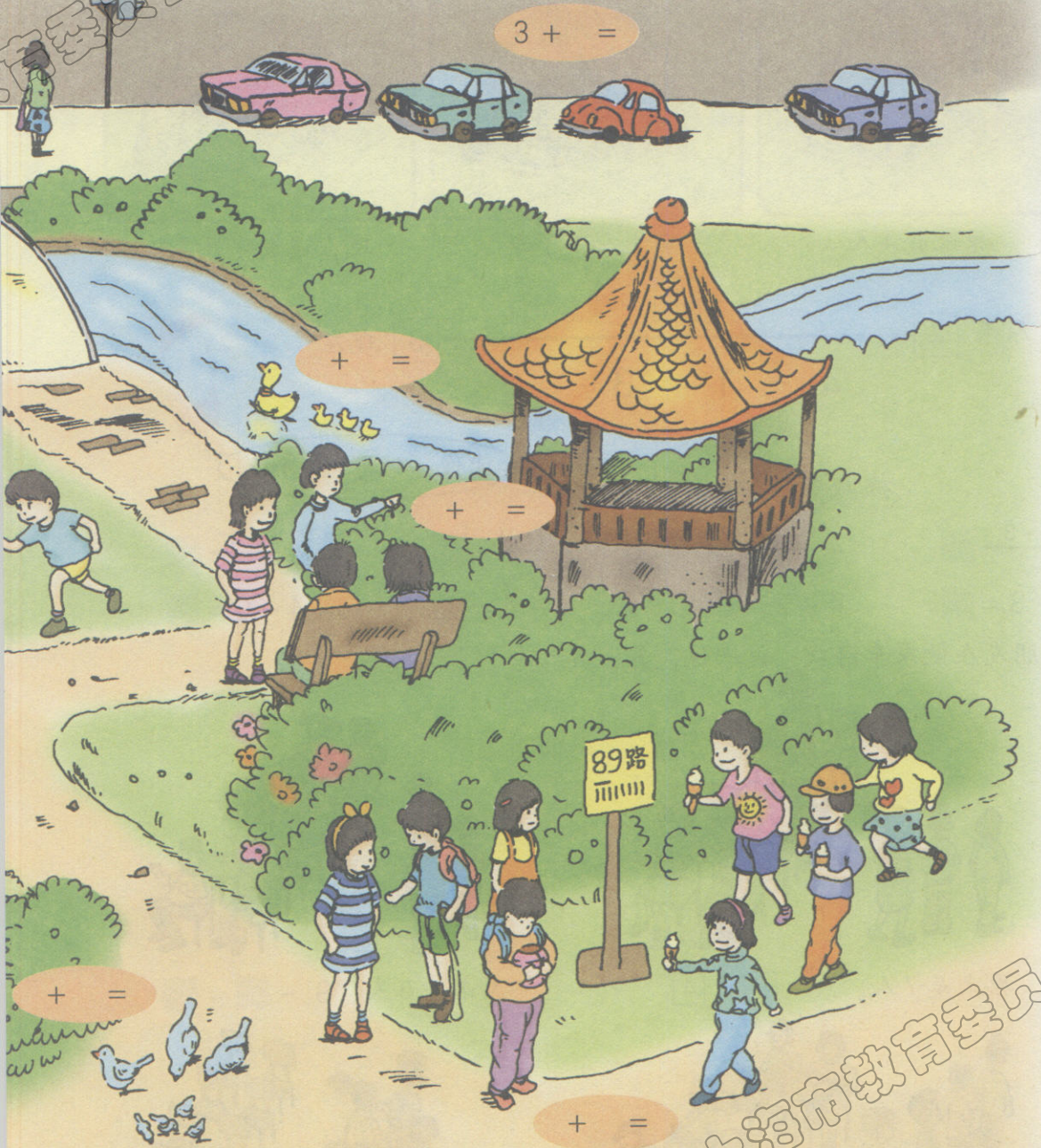
$5 + 5 =$

$5 + =$

$4 + =$



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1.

$4 + 4 = \square$ $5 + 5 = \square$ $3 + 0 = \square$

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

2.

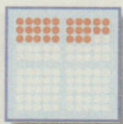
$2 + 6 = \square$ $4 + 0 = \square$ $2 + 2 = \square$

$6 + 2 = \square$ $4 + 5 = \square$ $7 + 3 = \square$

减法

求剩余

1. 小熊下车。



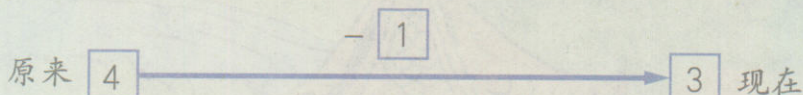
原来有 4 人



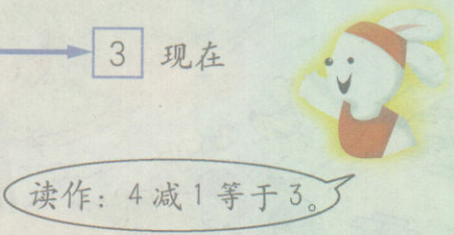
有 1 人下了车



现在还剩下几人?



$$\begin{array}{r} 4 - 1 = 3 \\ \text{被减数} \quad \text{减数} \quad \text{差} \end{array}$$

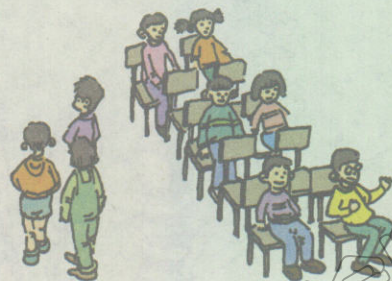


$4 \xrightarrow{-3} \square$	$4 \xrightarrow{-2} \square$	$4 \xrightarrow{-4} \square$	$4 \xrightarrow{-0} \square$
$4 - 3 = \square$	$4 - 2 = \square$	$4 - 4 = \square$	$4 - 0 = \square$

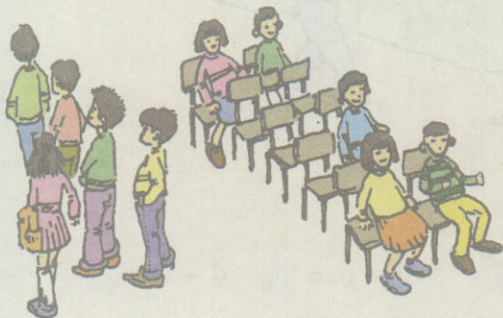
2. 小朋友在做乘车游戏：说一说，算一算。



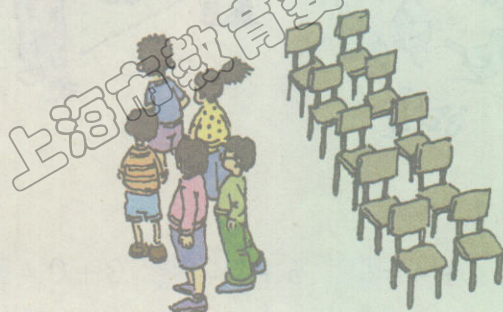
原来是 7 人。 $7 - 3 = 4$



原来是 9 人。 $9 - 2 = 7$



原来是 人。 $\square - \square = \square$



原来是 人。 $\square - \square = \square$



求部分

1. 有8个小朋友，男生有3人，女生有几人？



$$8 - 3 = \square$$

2. 算一算。

$5 - 3 = \square$

$7 - 2 = \square$

$9 - 7 = \square$

$7 - 6 = \square$

$6 - 4 = \square$

$5 - 1 = \square$

$9 - 8 = \square$

$4 - 3 = \square$

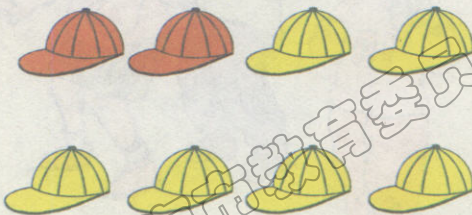
$6 - 3 = \square$

3. 说一说，算一算。



6朵花，蓝色的有2朵，
红色的有 朵。

$\square - \square = \square$



8顶帽子，红色的有2顶，
黄色的有 顶。

$\square - \square = \square$

讲讲算算 (六)

节日快乐



原来有8只
气球,3只破了,还
剩下几只?

$$8 - 3 = 5 \text{ (只)}$$

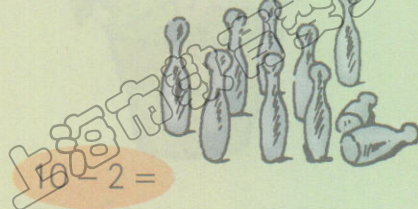
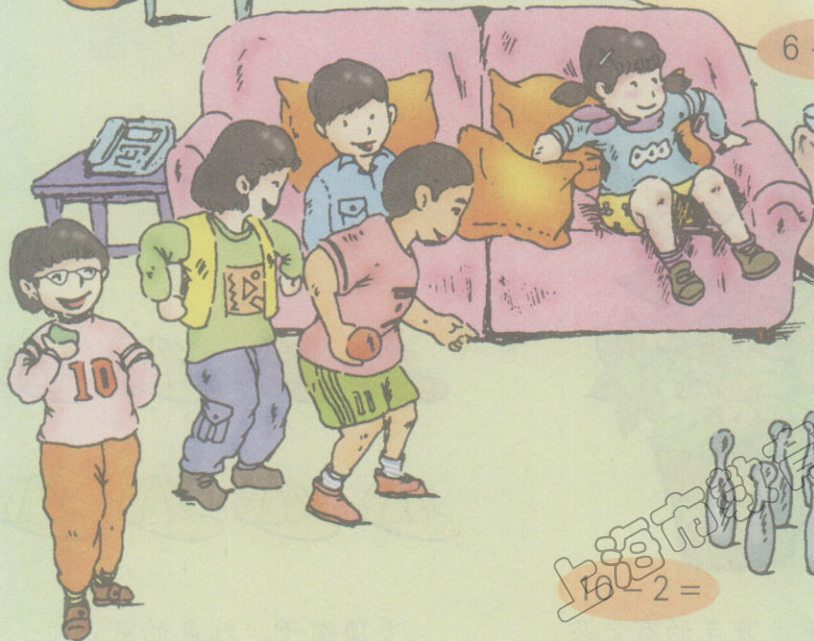
口答: 还剩下5只。

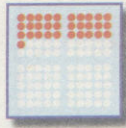
$$7 - =$$

$$6 - =$$

$$6 - 1 =$$

$$10 - =$$





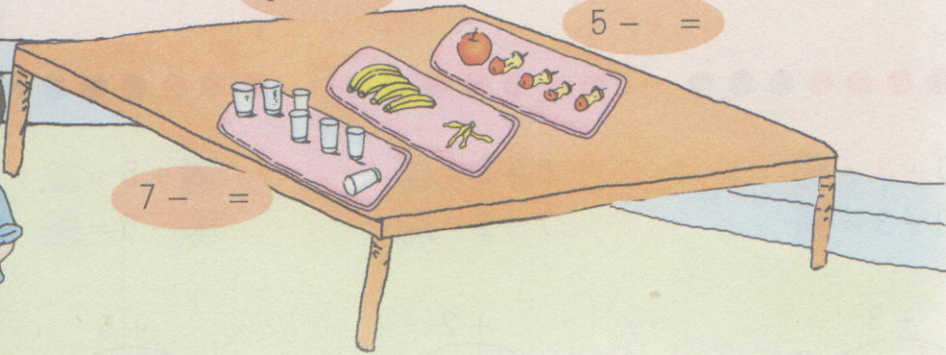
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$5 - \quad =$

$5 - \quad =$

$7 - \quad =$



$6 - \quad =$

1.

$5 - 1 = \square \quad 7 - 3 = \square \quad 7 - 1 = \square$

$6 - 2 = \square \quad 8 - 3 = \square \quad 7 - 2 = \square$

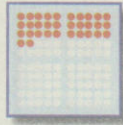
2.

$9 - 2 = \square \quad 5 - 4 = \square \quad 6 - 1 = \square$

$9 - 9 = \square \quad 10 - 5 = \square \quad 7 - 6 = \square$

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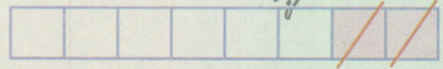
加与减



1.



$$6 + 2 = \square$$



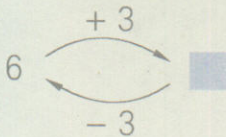
$$8 - \square = \square$$

2.



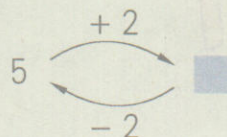
$$6 + 3 = \square$$

$$9 - 3 = \square$$



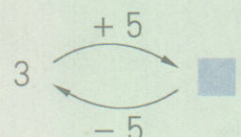
$$5 + 2 = \square$$

$$7 - 2 = \square$$



$$\square + 5 = \square$$

$$\square - 5 = \square$$



3.

$$2 + 3 = \square$$

$$\square - 3 = \square$$

$$3 + 5 = \square$$

$$\square - 5 = \square$$

$$7 + 1 = \square$$

$$\square - 1 = \square$$

$$2 + 7 = \square$$

$$\square - 7 = \square$$

$$2 + 6 = \square$$

$$\square - 6 = \square$$

$$6 + 2 = \square$$

$$\square - 2 = \square$$

$$7 + 3 = \square$$

$$\square - 3 = \square$$

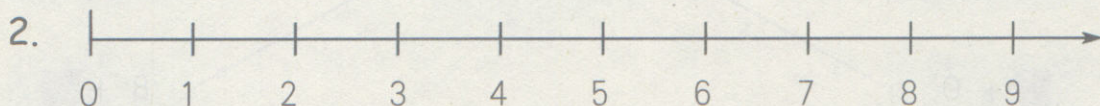
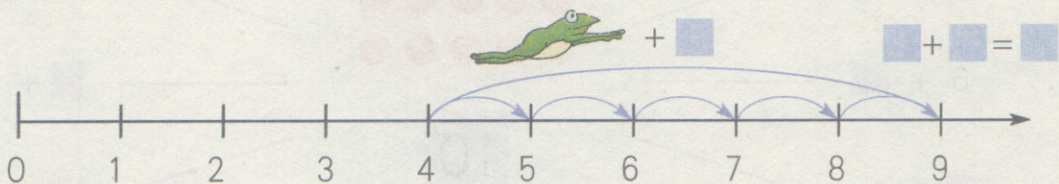
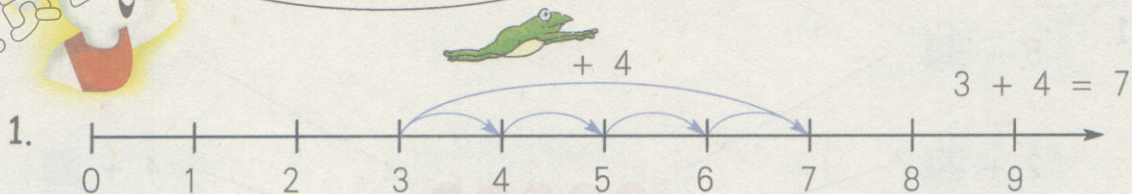
$$4 + 5 = \square$$

$$\square - 5 = \square$$

看数射线做加、减法



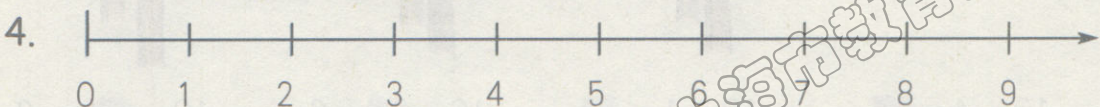
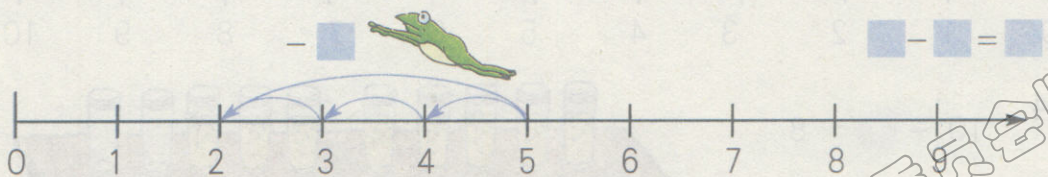
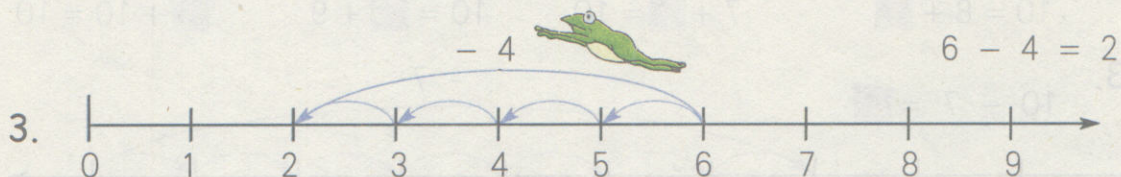
在数射线上还可以做加减法呢!



$1 + 7 = []$ $4 + 4 = []$ $5 + 3 = []$ $3 + 3 = []$

$0 + 8 = []$ $3 + 1 = []$ $7 + 2 = []$ $6 + 1 = []$

$2 + 5 = []$ $0 + 4 = []$ $9 + 0 = []$ $5 + 2 = []$

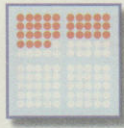


$5 - 4 = []$ $9 - 5 = []$ $4 - 0 = []$ $4 - 1 = []$

$7 - 0 = []$ $6 - 6 = []$ $9 - 3 = []$ $9 - 7 = []$

$8 - 1 = []$ $5 - 2 = []$ $7 - 2 = []$ $0 - 0 = []$

10 的游戏



这里都与 10 有关!

1.

$5 + \square$

$\square + 1$

$2 + \square$

$4 + \square$

$6 + \square$

$\square + 7$

$\square + 9$

$\square + 3$

$\square + 0$

$8 + \square$



10

2.

$10 = 2 + \square$

$1 + \square = 10$

$10 = \square + 0$

$\square + 1 = 10$

$10 = 4 + \square$

$3 + \square = 10$

$10 = \square + 3$

$\square + 4 = 10$

$10 = 6 + \square$

$5 + \square = 10$

$10 = \square + 6$

$\square + 7 = 10$

$10 = 8 + \square$

$7 + \square = 10$

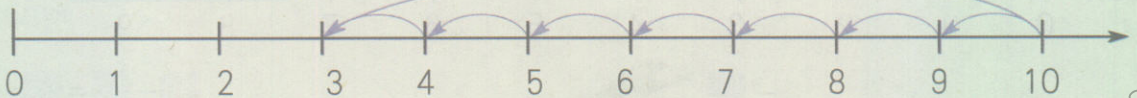
$10 = \square + 9$

$\square + 10 = 10$

3.

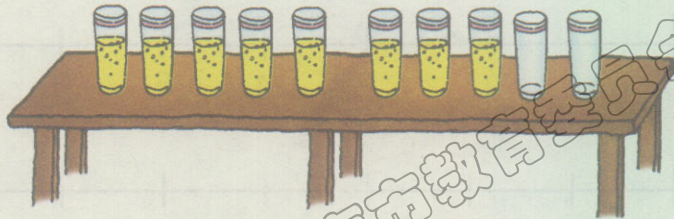
$10 - 7 = \square$

- 7



4.

$10 - \square = 8$



$10 - 4 = \square$

$10 - 1 = \square$

$\square = 6$

$10 - \square = 2$

$10 - 5 = \square$

$10 - 8 = \square$

$10 - \square = 7$

$10 - \square = 10$

$10 - 6 = \square$

$10 - 3 = \square$

$10 - \square = 8$

$10 - \square = 4$

$10 - 7 = \square$

$10 - 0 = \square$

$10 - \square = 9$

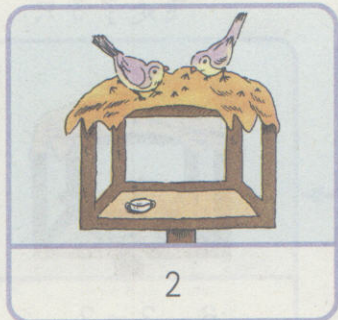
$10 - \square = 0$



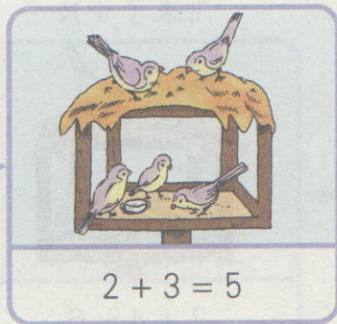
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鸟是我们的朋友。

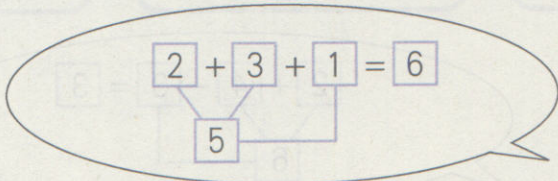
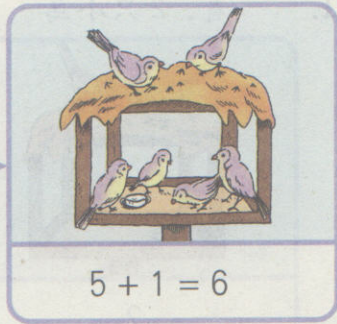
1. 看, 2 只小鸟



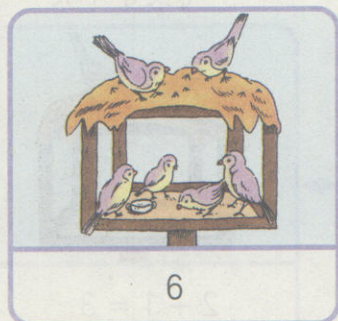
飞来了 3 只



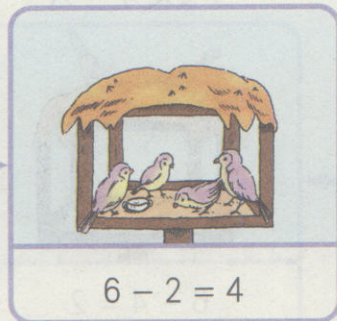
又飞来了 1 只



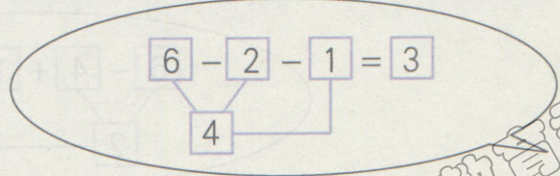
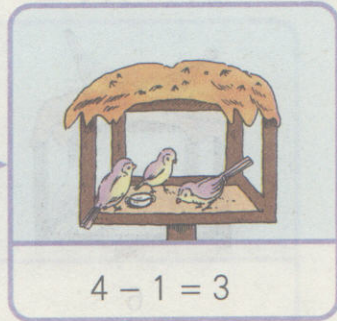
2. 看, 6 只小鸟



飞走了 2 只



又飞走了 1 只

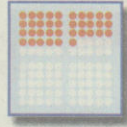


$5 + 2 + 3 = \square$

$7 - 2 - 3 = \square$

$4 + 1 + 5 = \square$

$8 - 3 - 4 = \square$



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1. 看, 2只小鸟

2

飞来了4只

$2 + 4 = 6$

飞走了3只

$6 - 3 = 3$

要爱护小鸟。



$$2 + 4 - 3 = 3$$

2. 看, 6只小鸟

6

飞走了4只

$6 - 4 = 2$

飞来了1只

$2 + 1 = 3$

$$6 - 4 + 1 = 3$$

$$5 + 2 - 3 = \square$$

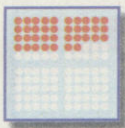
$$7 - 2 + 3 = \square$$

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

$$8 - 3 + 4 = \square$$

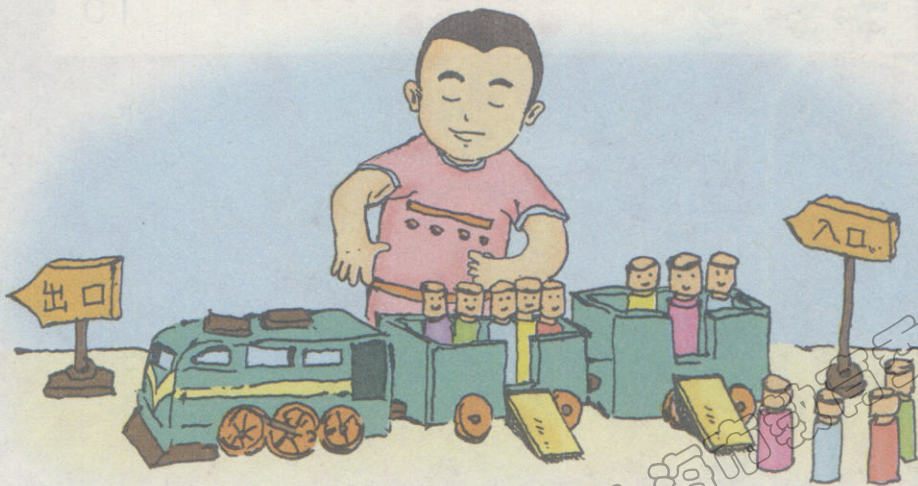
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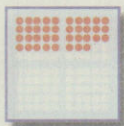




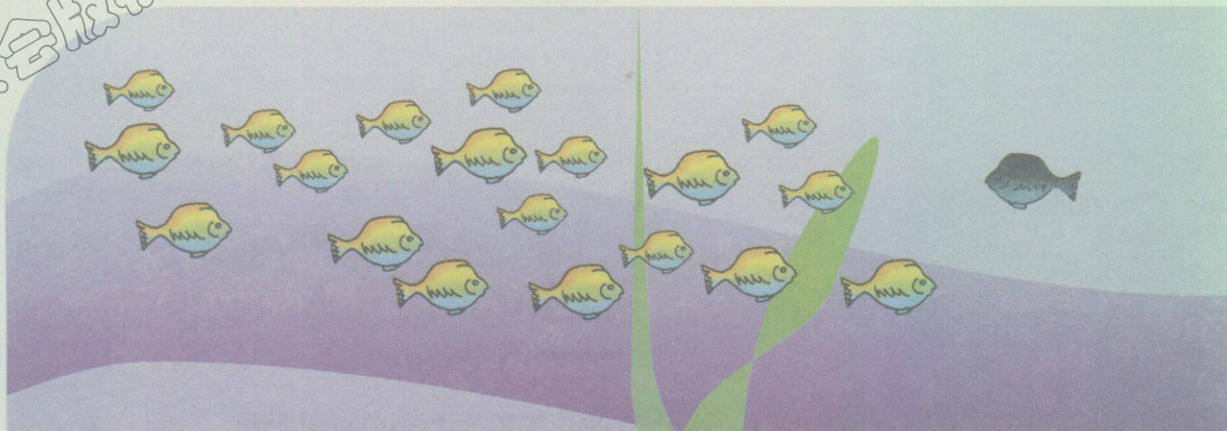
三、

20 以内的数及其加减法

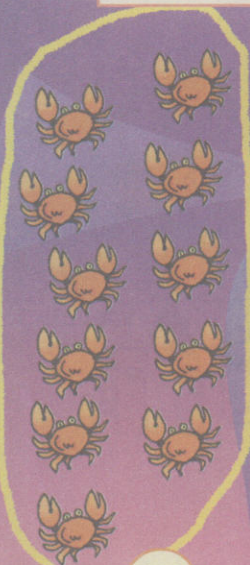




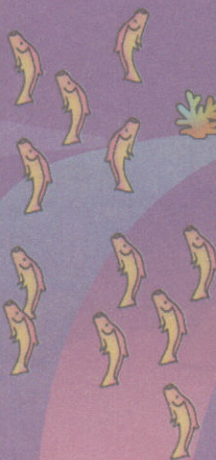
育委员会版权所有



		11
		12
		13
		14
		15



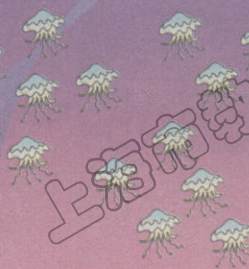
11



12



13

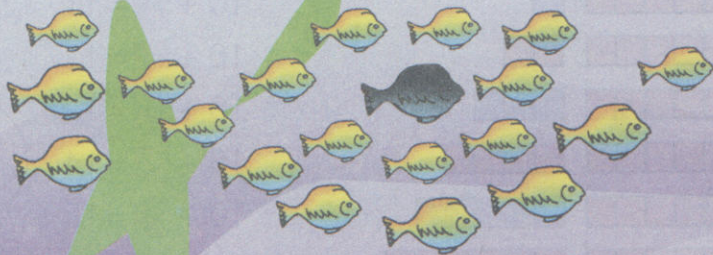


14

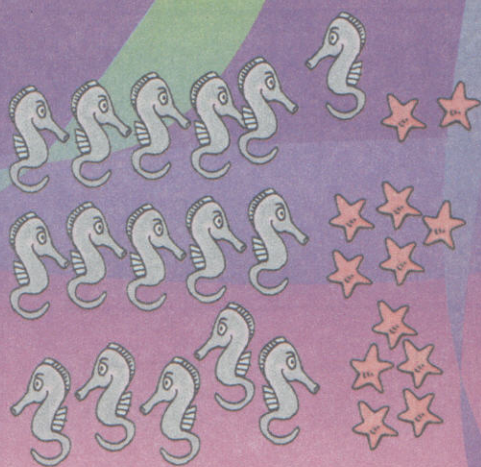


15

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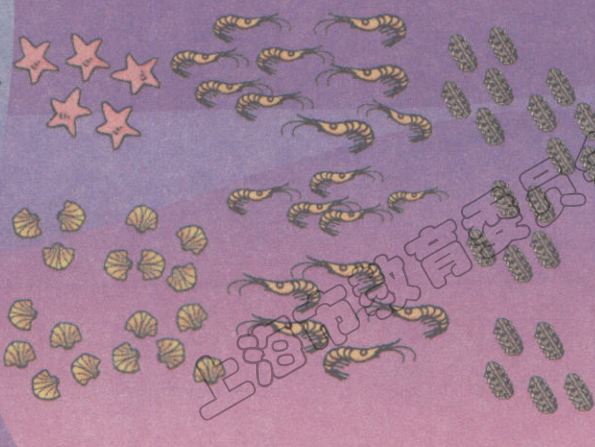


			16
			17
			18
			19
			20



16

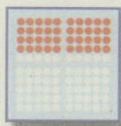
17



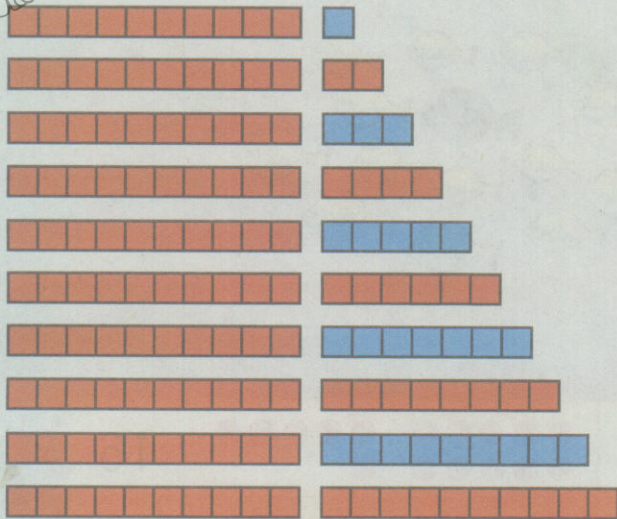
18

19

20



1



- $10 + \blacksquare = 11$
- $10 + \blacksquare = 12$
- $10 + \blacksquare = 13$
- $10 + \blacksquare = 14$
- $10 + \blacksquare = 15$
- $10 + \blacksquare = 16$
- $10 + \blacksquare = 17$
- $10 + \blacksquare = 18$
- $10 + \blacksquare = 19$
- $10 + \blacksquare = 20$

10+1=11
10+2=12
.....



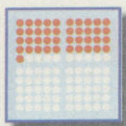
条 (十块)	单块

十 (位)	个 (位)
1	5

“15”左边的1表示1个十,右边的5表示5个一。



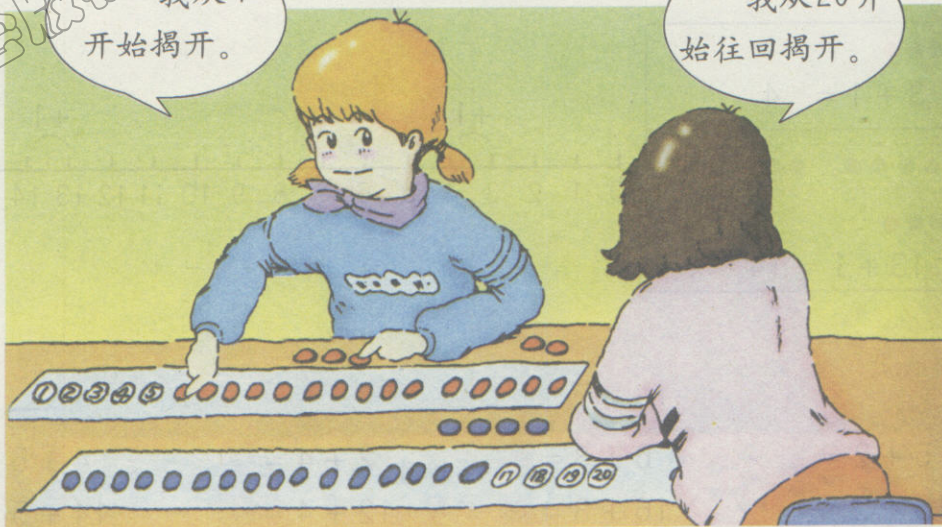
2. $10 + 1 = \blacksquare$ $10 + 4 = \blacksquare$ $10 + 9 = \blacksquare$ $10 + 7 = \blacksquare$
 $10 + 2 = \blacksquare$ $10 + 8 = \blacksquare$ $10 + 6 = \blacksquare$ $10 + 3 = \blacksquare$
3. $14 - 4 = \blacksquare$ $17 - 7 = \blacksquare$ $16 - 6 = \blacksquare$ $19 - 9 = \blacksquare$
 $12 - 2 = \blacksquare$ $15 - 5 = \blacksquare$ $11 - 1 = \blacksquare$ $18 - 3 = \blacksquare$
4. $17 = 10 + \blacksquare$ $13 = 10 + \blacksquare$ $18 = 10 + \blacksquare$ $12 = 10 + \blacksquare$
 $14 = 10 + \blacksquare$ $19 = 10 + \blacksquare$ $11 = 10 + \blacksquare$ $20 = 10 + \blacksquare$
5. $10 + \blacksquare = 15$ $10 + \blacksquare = 14$ $10 + \blacksquare = 20$ $10 + \blacksquare = 17$
 $10 + \blacksquare = 12$ $10 + \blacksquare = 10$ $10 + \blacksquare = 16$ $10 + \blacksquare = 11$



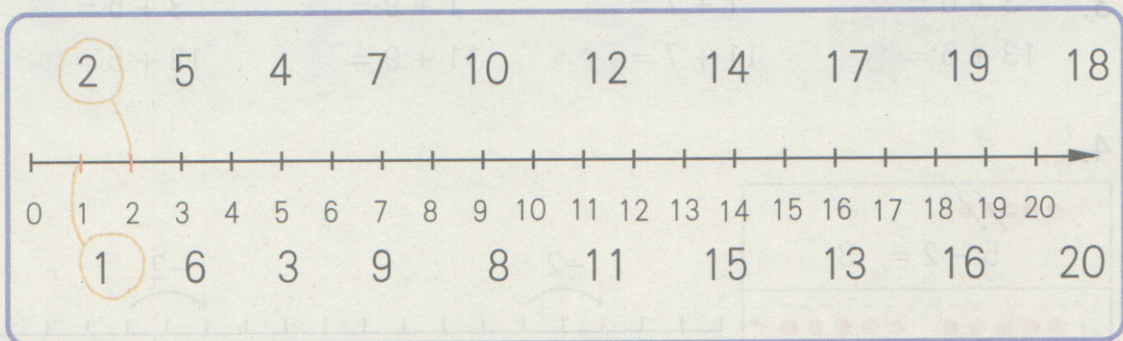
1.

我从1开始揭开。

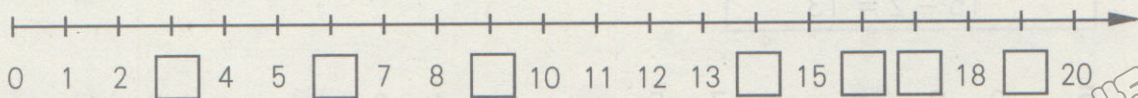
我从20开始往回揭开。



2.

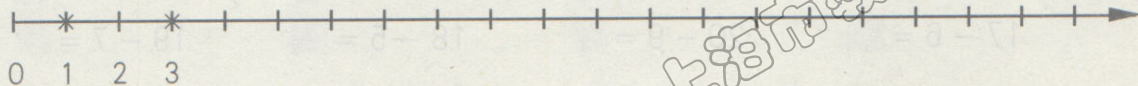


3. 填空。

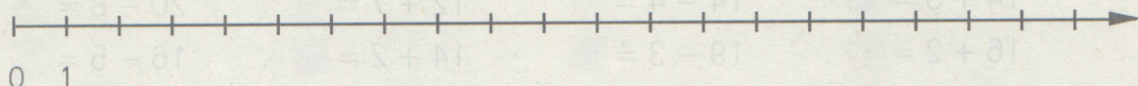


4. 在数射线上找出下列各数，并用“×”标出。

① 1 3 5 7 9 11 13 15 17 19




② 2 4 6 8 10 12 14 16 18 20




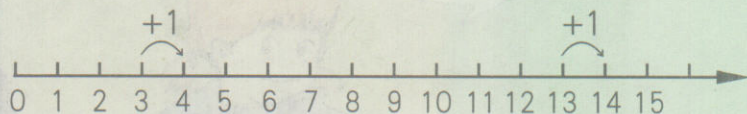
加减法 (一)



1.


 $3 + 1 = 4$


 $13 + 1 = 14$




2.


$5 + 2 = \square$	$6 + 3 = \square$	$2 + 4 = \square$	$4 + 5 = \square$
$15 + 2 = \square$	$16 + 3 = \square$	$12 + 4 = \square$	$14 + 5 = \square$

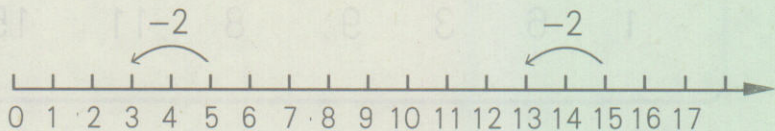
3.

$3 + 6 = \square$	$1 + 7 = \square$	$1 + 9 = \square$	$3 + 5 = \square$
$13 + 6 = \square$	$11 + 7 = \square$	$11 + 9 = \square$	$13 + 5 = \square$

4.


 $5 - 2 = 3$


 $15 - 2 = 13$



5.

$8 - 2 = \square$	$7 - 5 = \square$	$4 - 3 = \square$	$6 - 4 = \square$
$18 - 2 = \square$	$17 - 5 = \square$	$14 - 3 = \square$	$16 - 4 = \square$

6.

$7 - 6 = \square$	$10 - 9 = \square$	$8 - 5 = \square$	$9 - 7 = \square$
$17 - 6 = \square$	$20 - 9 = \square$	$18 - 5 = \square$	$19 - 7 = \square$

7.

$13 + 4 = \square$	$18 - 7 = \square$	$11 + 6 = \square$	$17 - 4 = \square$
$14 + 3 = \square$	$14 - 4 = \square$	$12 + 7 = \square$	$20 - 8 = \square$
$16 + 2 = \square$	$19 - 3 = \square$	$14 + 2 = \square$	$16 - 5 = \square$

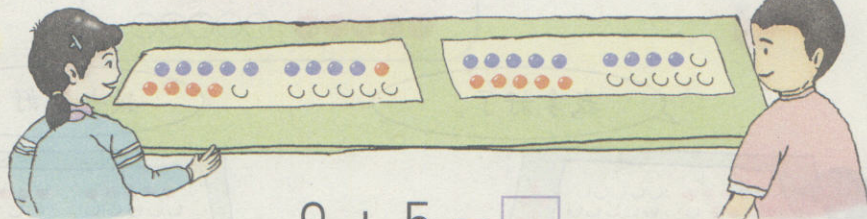
加减法 (二)

进位加法



1.

$9 + 5 = ?$



$9 + 5 = \square$



把5分成1和4
 $9 + 1 = 10$, $10 + 4 = 14$

把9分成5和4
 $5 + 5 = 10$, $10 + 4 = 14$

他们都是凑10。



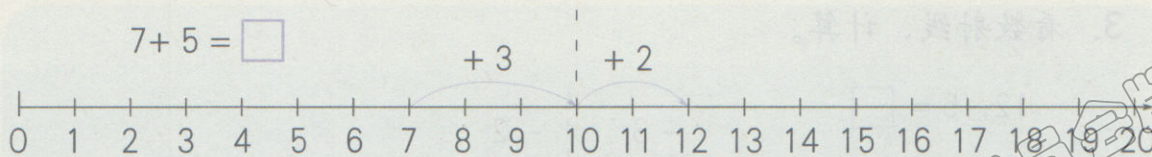
2. 在20数板上计算。

$9 + 6 = \text{-----}$
 ○○○○○ ○○○○○
 ○○○○○ ○○○○○

$8 + 5 = \text{-----}$
 ○○○○○ ○○○○○
 ○○○○○ ○○○○○

3. 看数射线，计算。

$7 + 5 = \square$



$7 + 5 = \square$
 第一步: $7 + 3 = \square$
 第二步: $10 + 2 = \square$

$6 + 7 = \square$
 第一步: $6 + 4 = \square$
 第二步: $10 + 3 = \square$

$9 + 3 = \square$
 第一步: $9 + 1 = \square$
 第二步: $10 + 2 = \square$

4. 用你喜欢的方法计算。

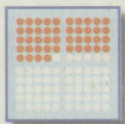
$8 + 6 = \underline{\hspace{2cm}}$

$5 + 8 = \underline{\hspace{2cm}}$

$9 + 7 = \underline{\hspace{2cm}}$

$8 + 9 = \underline{\hspace{2cm}}$

退位减法



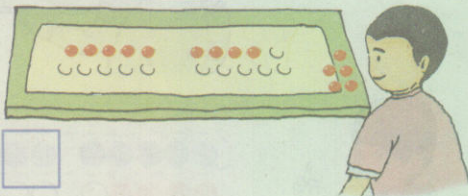
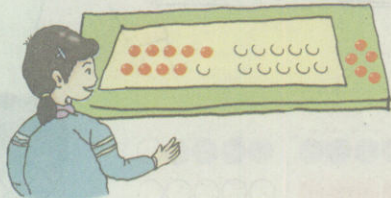
这里放了14片。

给我拿5片。

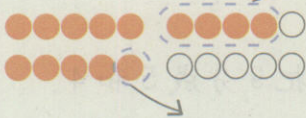


我拿好了。

我也拿好了。



$$14 - 5 = \square$$



把5分成4和1

$$14 - 4 = 10, 10 - 1 = 9$$

把14分成10和4

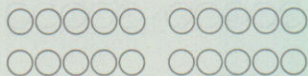
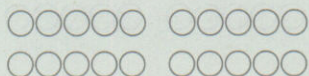
$$10 - 5 = 5, 5 + 4 = 9$$



2. 在20数板上计算。

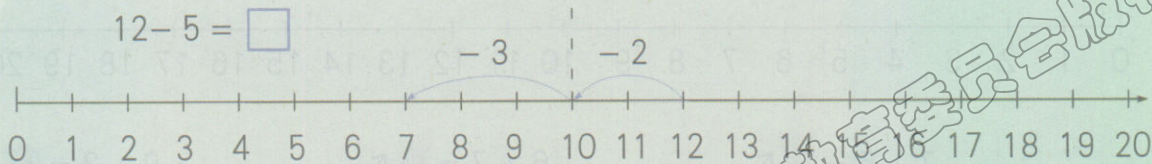
$$11 - 6 = \square$$

$$16 - 9 = \square$$



3. 看数射线，计算。

$$12 - 5 = \square$$



$$12 - 5 = \square$$

第一步：12 - 2 = \square

第二步：10 - 3 = \square

$$14 - 5 = \square$$

第一步：14 - 4 = \square

第二步：10 - 1 = \square

$$13 - 7 = \square$$

第一步：13 - 3 = \square

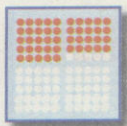
第二步：10 - 4 = \square

4. 用你喜欢的方法做。

$$13 - 5 =$$

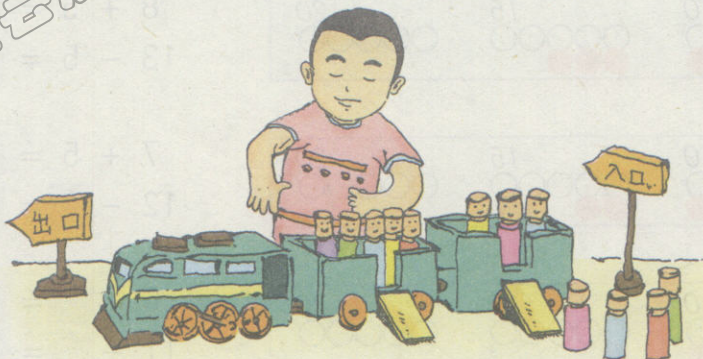
$$17 - 9 =$$

$$20 - 3 =$$

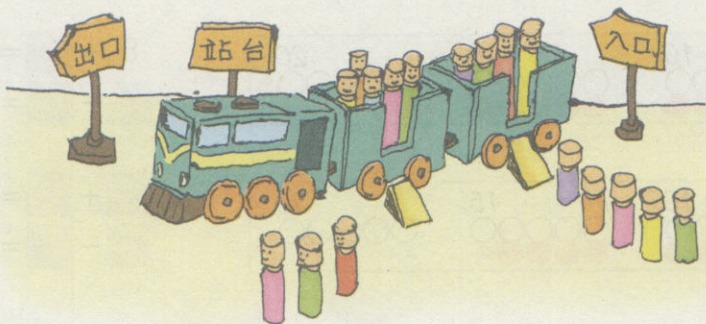


乘火车

1. 说情节，提问题，写算式。



②



2. 先口头提问，再写算式。

<p>◎ 火车上有 13 个儿童，现在有 4 个下车了。</p>	<p>口头提问：车上还有几个儿童？ 算式：$13 - 4 = 9$ (个)</p> <hr/> <p>口答：</p>
<p>火车上有 9 个儿童，又上来了 5 个。</p>	<hr/>

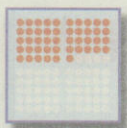
◎ 火车上有 12 个儿童，现在有 6 个下车了。

火车上有 6 个儿童，又上来了 5 个。

◎ 火车上有 5 个儿童，又有一些儿童上了车，现在是 11 个。

◎ 火车上有 14 个儿童，下去了 6 个儿童，又上来了 6 个儿童。

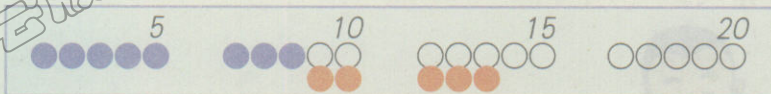
加进来，减出去



(三) 算算找规律

手火乘

1.



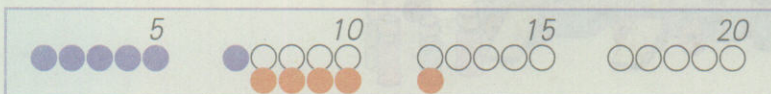
$$8 + 5 = \square$$

$$13 - 5 = \square$$



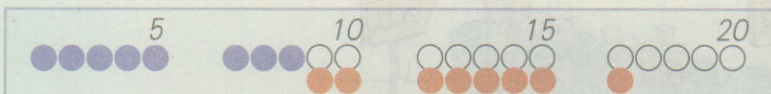
$$7 + 5 = \square$$

$$12 - \square = \square$$



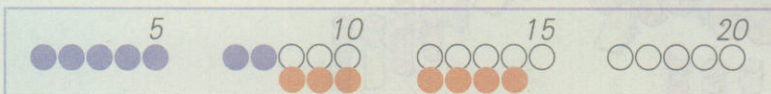
$$6 + \square = \square$$

$$11 - \square = \square$$



$$8 + \square = \square$$

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



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

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

2.

$$9 + 3 = \square \quad 5 + 6 = \square \quad 8 + 4 = \square \quad 6 + 7 = \square$$

$$12 - 3 = \square \quad \square - 6 = \square \quad \square - 4 = \square \quad \square - 7 = \square$$

3.

$$11 - 6 = \square \quad 12 - 5 = \square \quad 14 - 7 = \square \quad 17 - 8 = \square$$

$$5 + 6 = \square \quad \square + \square = \square \quad \square + \square = \square \quad \square + \square = \square$$

4.

$$15 - 7 = \square \quad 6 + 8 = \square \quad 16 - 8 = \square \quad 9 + 9 = \square$$

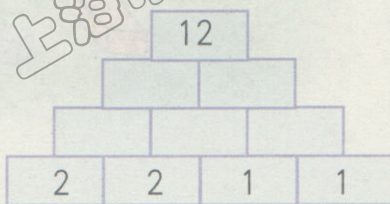
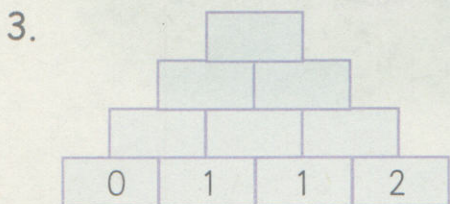
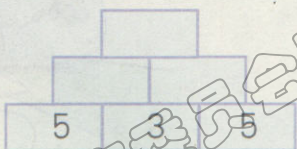
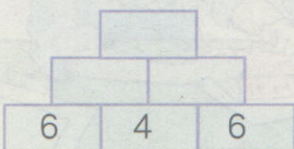
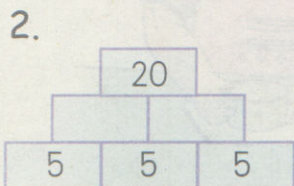
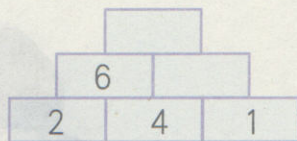
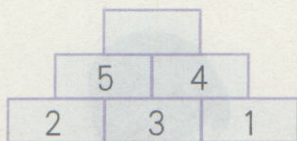
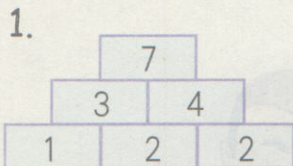
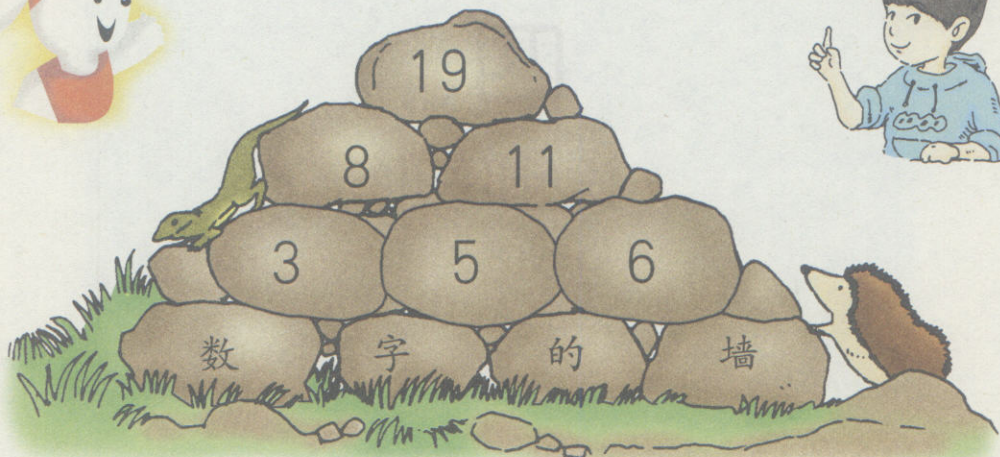
$$8 + 7 = \square \quad 14 - \square = \square \quad \square + \square = \square \quad \square - \square = \square$$



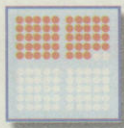
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小朋友，墙上的数有什么规律？

我们按规律填上数，造出数字的墙。



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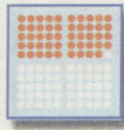
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四、 识别图形



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物体的形状



1.





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按形状分一分。



2. 滚动游戏：做一做，填一填。

	不能滚动	能滚动	
		朝一个方向滚动	朝任何方向滚动
	✓		
			
			
			

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小胖有那么多东西，你能按形状分一分吗？



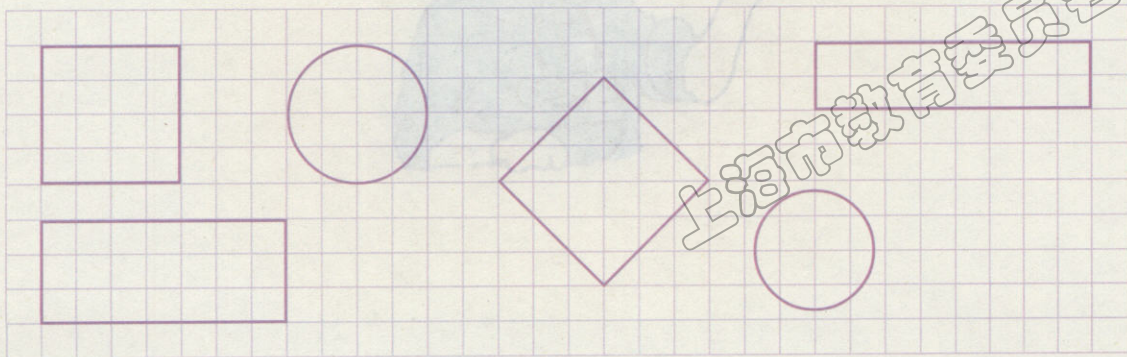
	长方体	正方体	
	球	圆柱体	

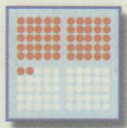
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4. 画一画

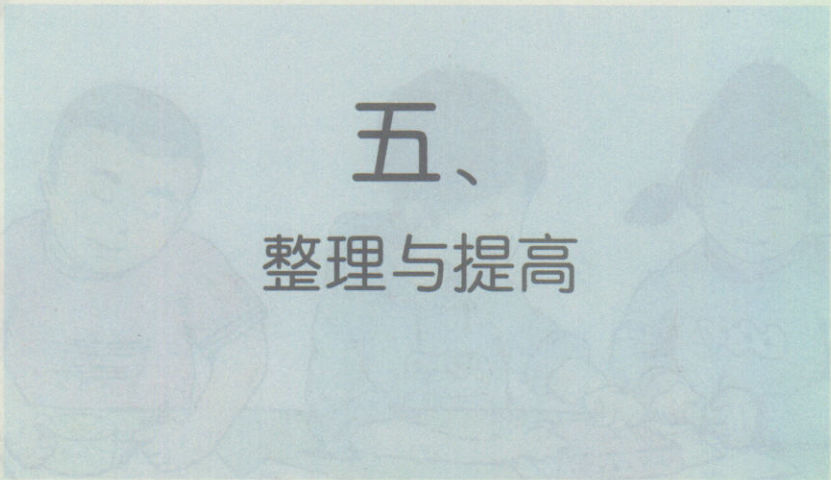
描一描，看看表面是什么形状？





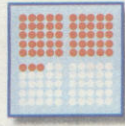
『教研心竹』及『画』杂志，献一册

画一画

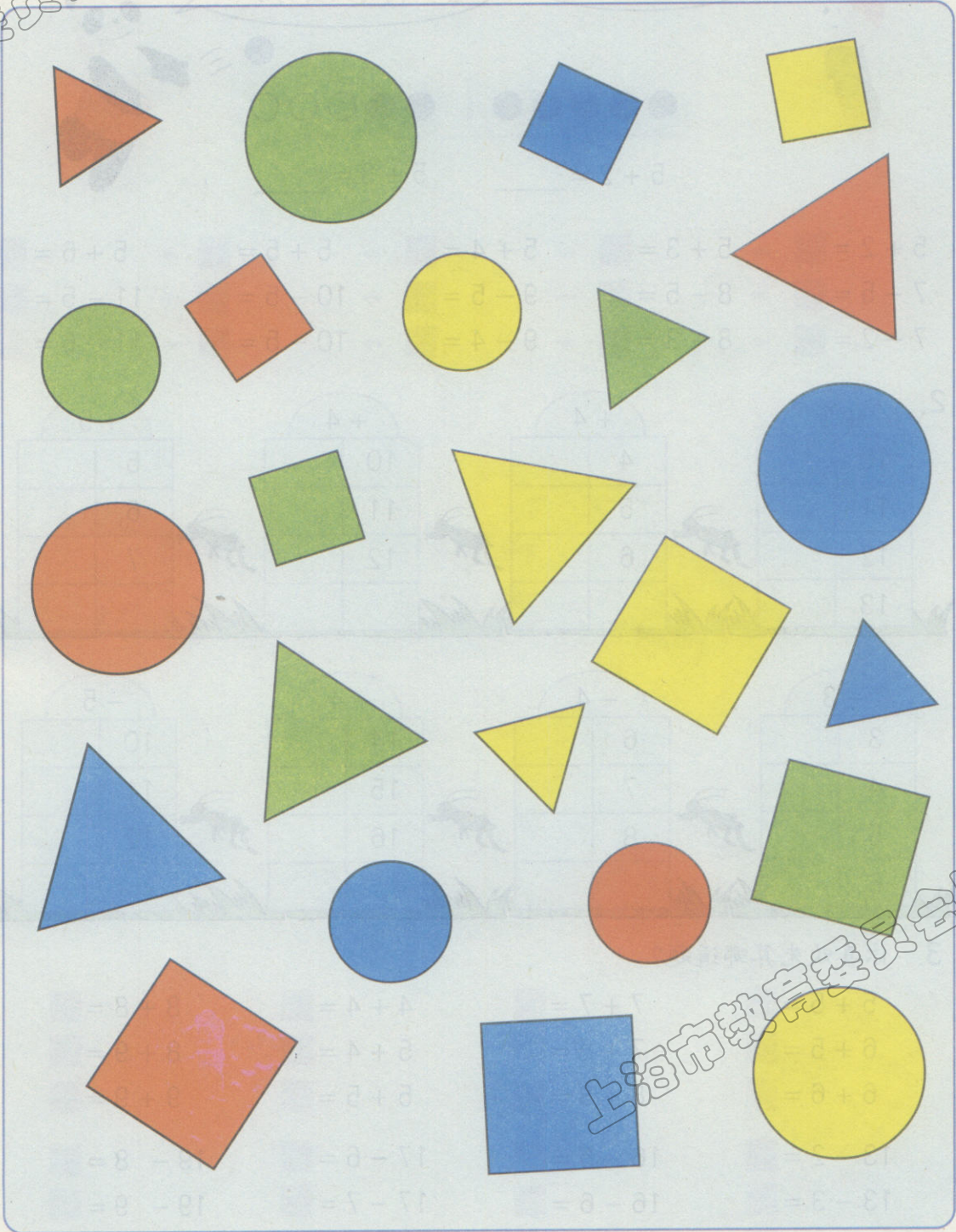


五、 整理与提高





按颜色、形状、大小分一分，数一数。





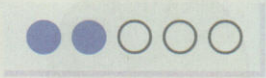
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1.



我的等于7。

哈！我的只要再加1！



$5 + 2 = \underline{\quad}$

$5 + 3 = \underline{\quad}$

$5 + 2 = \blacksquare \rightarrow 5 + 3 = \blacksquare \rightarrow 5 + 4 = \blacksquare \rightarrow 5 + 5 = \blacksquare \rightarrow 5 + 6 = \blacksquare$

$7 - 5 = \blacksquare \rightarrow 8 - 5 = \blacksquare \rightarrow 9 - 5 = \blacksquare \rightarrow 10 - 5 = \blacksquare \rightarrow 11 - 5 = \blacksquare$

$7 - 2 = \blacksquare \rightarrow 8 - 3 = \blacksquare \rightarrow 9 - 4 = \blacksquare \rightarrow 10 - 5 = \blacksquare \rightarrow 11 - 6 = \blacksquare$

2.

+ 3		+ 4		+ 4		+ 5	
10		4		10		5	
11		5		11		6	
12		6		12		7	
13							

- 3		- 4		- 4		- 5	
3		6		14		10	
4		7		15		11	
5		8		16		12	
6							

3. 你喜欢先算哪道题？

$5 + 5 = \blacksquare$ $7 + 7 = \blacksquare$ $4 + 4 = \blacksquare$ $8 + 8 = \blacksquare$

$6 + 5 = \blacksquare$ $7 + 8 = \blacksquare$ $5 + 4 = \blacksquare$ $8 + 9 = \blacksquare$

$6 + 6 = \blacksquare$ $8 + 8 = \blacksquare$ $5 + 5 = \blacksquare$ $9 + 9 = \blacksquare$

$13 - 2 = \blacksquare$ $16 - 5 = \blacksquare$ $17 - 6 = \blacksquare$ $19 - 8 = \blacksquare$

$13 - 3 = \blacksquare$ $16 - 6 = \blacksquare$ $17 - 7 = \blacksquare$ $19 - 9 = \blacksquare$

$13 - 4 = \blacksquare$ $16 - 7 = \blacksquare$ $17 - 8 = \blacksquare$ $19 - 10 = \blacksquare$



1.

10 ● 7

15 ● 19

13 ● 15

2 ● 20

10 ● 10

15 ● 15

5 ● 15

12 ● 20

10 ● 13

15 ● 0

16 ● 15

20 ● 20

2.



$2 + 1 < 5$



$2 + 3 = 5$



$2 + 4 > 5$

$3 + 3 > 5$

$3 + 2 = 5$

$6 + 6 \bullet 10$

$8 \bullet 4 + 3$

$1 + 4 \bullet 5$

$4 + 1 \bullet 5$

$4 + 5 \bullet 10$

$9 \bullet 2 + 8$

$0 + 5 \bullet 5$

$6 + 0 \bullet 5$

$5 + 5 \bullet 10$

$7 \bullet 3 + 6$

3.

$4 + 4 \bullet 2 + 8$

$3 + 5 \bullet 5 + 3$

$6 + 8 \bullet 7 + 7$

$4 + 10 \bullet 8 + 7$

$1 + 9 \bullet 3 + 7$

$4 + 6 \bullet 6 + 3$

$7 + 8 \bullet 7 + 9$

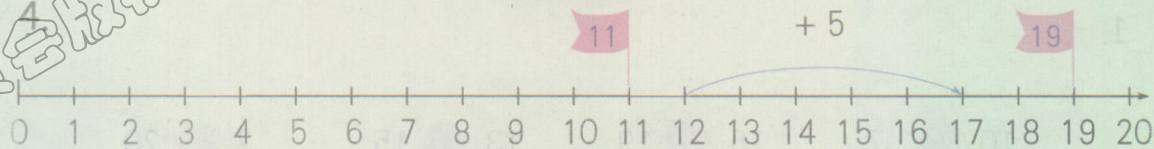
$9 + 9 \bullet 7 + 10$

$9 + 2 \bullet 9 + 1$

$5 + 4 \bullet 4 + 4$

$8 + 5 \bullet 7 + 6$

$9 + 7 \bullet 10 + 6$



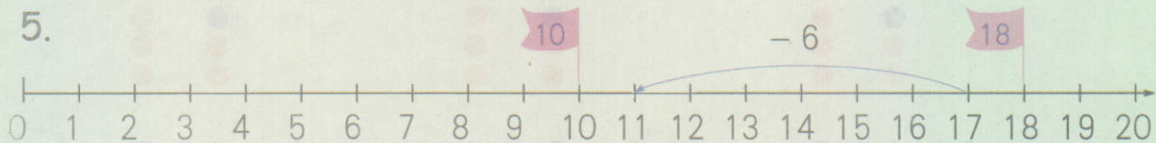
$$12 + 5 > 11$$

$$12 + 5 < 19$$

- | | | | | | | | | |
|----------|-----------------------|----|----------|-----------------------|----|----------|-----------------------|----|
| $11 + 2$ | <input type="radio"/> | 13 | $17 + 2$ | <input type="radio"/> | 18 | $10 + 9$ | <input type="radio"/> | 10 |
| $10 + 5$ | <input type="radio"/> | 12 | $15 + 4$ | <input type="radio"/> | 17 | $14 + 3$ | <input type="radio"/> | 17 |
| $13 + 6$ | <input type="radio"/> | 20 | $13 + 0$ | <input type="radio"/> | 14 | $18 + 2$ | <input type="radio"/> | 20 |
| $14 + 4$ | <input type="radio"/> | 18 | $19 + 1$ | <input type="radio"/> | 18 | $16 + 3$ | <input type="radio"/> | 13 |
| $8 + 7$ | <input type="radio"/> | 12 | $9 + 2$ | <input type="radio"/> | 13 | $7 + 9$ | <input type="radio"/> | 20 |



5.

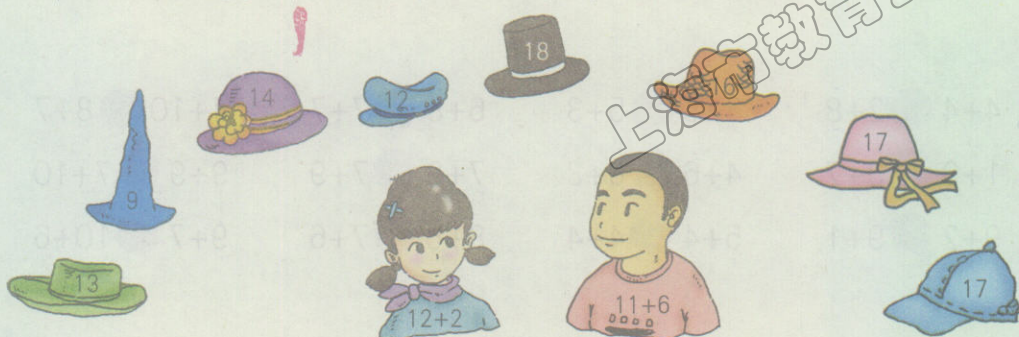


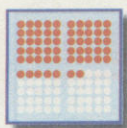
$$17 - 6 > 10$$

$$17 - 6 < 18$$

- | | | | | | | | | | | | |
|----------|-----------------------|----|----------|-----------------------|----|----------|-----------------------|----|----------|-----------------------|----|
| $17 - 5$ | <input type="radio"/> | 10 | $16 - 5$ | <input type="radio"/> | 13 | $20 - 9$ | <input type="radio"/> | 19 | $12 - 1$ | <input type="radio"/> | 10 |
| $18 - 8$ | <input type="radio"/> | 20 | $11 - 1$ | <input type="radio"/> | 12 | $17 - 2$ | <input type="radio"/> | 11 | $19 - 9$ | <input type="radio"/> | 19 |
| $13 - 1$ | <input type="radio"/> | 12 | $14 - 0$ | <input type="radio"/> | 15 | $14 - 3$ | <input type="radio"/> | 11 | $15 - 4$ | <input type="radio"/> | 11 |
| $19 - 7$ | <input type="radio"/> | 12 | $16 - 5$ | <input type="radio"/> | 11 | $18 - 2$ | <input type="radio"/> | 20 | $13 - 0$ | <input type="radio"/> | 14 |
| $17 - 8$ | <input type="radio"/> | 10 | $15 - 7$ | <input type="radio"/> | 9 | $12 - 4$ | <input type="radio"/> | 10 | $13 - 5$ | <input type="radio"/> | 14 |

6. 哪顶帽子合适? 哪些帽子号码太大? 哪些帽子号码太小?





1.



4



4 + 4

4只的加倍是8只，8只的一半是4只!



2			$2 + 2$	4
3			$3 + 3$	
4				
			$5 + 5$	10
			$6 + 6$	12

2.

加倍 ↓	1	2	3			7	8	9	
	2	4		10	12				20
									↑ 一半

3.

$3 + 3 = 6$

$9 + 9 = 18$

$7 + 7 = \blacksquare$

$5 + 5 = \blacksquare$

$3 \xrightarrow{\text{加倍}} \blacksquare$

$9 \xrightarrow{\text{加倍}} \blacksquare$

$7 \xrightarrow{\text{加倍}} \blacksquare$

$\blacksquare \xrightarrow{\text{加倍}} 10$

$6 \xrightarrow{\text{一半}} \blacksquare$

$18 \xrightarrow{\text{一半}} \blacksquare$

$14 \xrightarrow{\text{一半}} \blacksquare$

$10 \xrightarrow{\text{一半}} \blacksquare$



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大家来做加法。

看仔细，里面有很多奥妙！



A large diamond-shaped grid of addition problems. The grid is composed of small triangles, each containing an addition problem. The problems are arranged in a pattern that allows for easy calculation from top to bottom or bottom to top. The colors of the triangles alternate in a diamond pattern: red, blue, yellow, and green.

Top row: $10+0=$

Row 2: $9+0=$, $10+1=$

Row 3: $8+0=$, $9+1=$, $10+2=$

Row 4: $7+0=$, $8+1=$, $9+2=$, $10+3=$

Row 5: $6+0=$, $7+1=$, $8+2=$, $9+3=$, $10+4=$

Row 6: $5+0=$, $6+1=$, $7+2=$, $8+3=$, $9+4=$, $10+5=$

Row 7: $4+0=$, $5+1=$, $6+2=$, $7+3=$, $8+4=$, $9+5=$, $10+6=$

Row 8: $3+0=$, $4+1=$, $5+2=$, $6+3=$, $7+4=$, $8+5=$, $9+6=$, $10+7=$

Row 9: $2+0=$, $3+1=$, $4+2=$, $5+3=$, $6+4=$, $7+5=$, $8+6=$, $9+7=$, $10+8=$

Row 10: $1+0=$, $2+1=$, $3+2=$, $4+3=$, $5+4=$, $6+5=$, $7+6=$, $8+7=$, $9+8=$, $10+9=$

Row 11: $0+0=$, $1+1=$, $2+2=$, $3+3=$, $4+4=$, $5+5=$, $6+6=$, $7+7=$, $8+8=$, $9+9=$, $10+10=$

Row 12: $0+1=$, $1+2=$, $2+3=$, $3+4=$, $4+5=$, $5+6=$, $6+7=$, $7+8=$, $8+9=$, $9+10=$

Row 13: $0+2=$, $1+3=$, $2+4=$, $3+5=$, $4+6=$, $5+7=$, $6+8=$, $7+9=$, $8+10=$

Row 14: $0+3=$, $1+4=$, $2+5=$, $3+6=$, $4+7=$, $5+8=$, $6+9=$, $7+10=$

Row 15: $0+4=$, $1+5=$, $2+6=$, $3+7=$, $4+8=$, $5+9=$, $6+10=$

Row 16: $0+5=$, $1+6=$, $2+7=$, $3+8=$, $4+9=$, $5+10=$

Row 17: $0+6=$, $1+7=$, $2+8=$, $3+9=$, $4+10=$

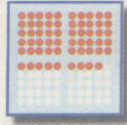
Row 18: $0+7=$, $1+8=$, $2+9=$, $3+10=$

Row 19: $0+8=$, $1+9=$, $2+10=$

Row 20: $0+9=$, $1+10=$

Bottom row: $0+10=$

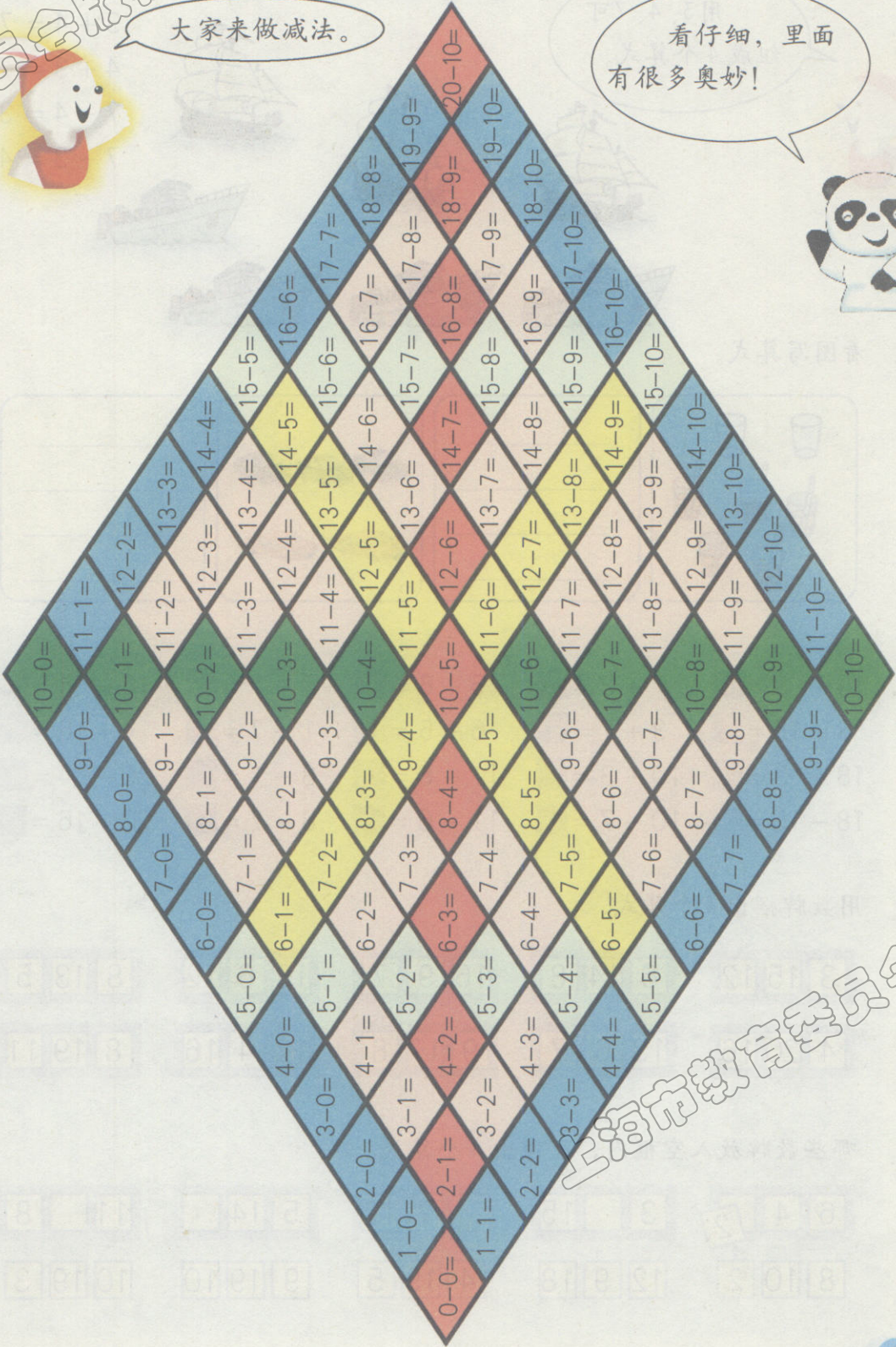
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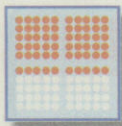
大家来做减法。

看仔细，里面有很多奥妙！



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组算式



1.

用3、4、7可
组成4个算式。



$3 + 4 = 7$

$4 + 3 = 7$

$7 - 4 = 3$

$7 - 3 = 4$



2. 看图写算式。





3. $15 + 3 = \square$ $7 + 3 = \square$ $5 + 6 = \square$ $7 + 1 = \square$ $16 + 4 = \square$
 $3 + 15 = \square$ $3 + 7 = \square$ $6 + 5 = \square$ $1 + 7 = \square$ $4 + 16 = \square$
 $18 - 3 = \square$ $10 - 3 = \square$ $11 - 5 = \square$ $8 - 1 = \square$ $20 - 4 = \square$
 $18 - 15 = \square$ $10 - 7 = \square$ $11 - 6 = \square$ $8 - 7 = \square$ $20 - 16 = \square$

4. 用数牌摆出4个算式。

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

5. 哪些数牌放入空框内，可摆出4个算式。

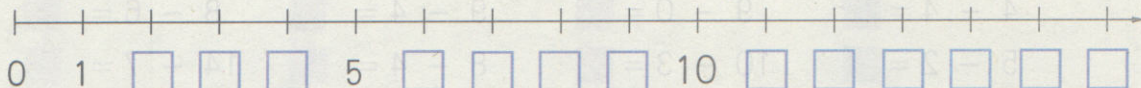
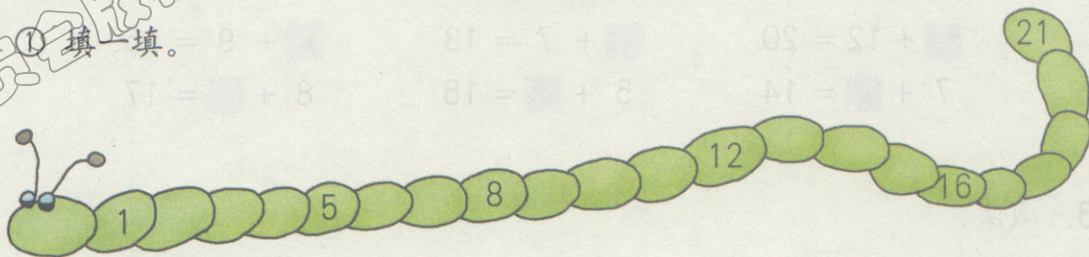
6 4 <input type="text"/>	3 <input type="text"/> 15	<input type="text"/> 7 12	5 14 <input type="text"/>	11 <input type="text"/> 8
8 10 <input type="text"/>	12 9 18	4 19 5	9 19 10	10 19 3

数学游乐场



1. 20 以内的数。

① 填一填。



② 写出相邻的数。

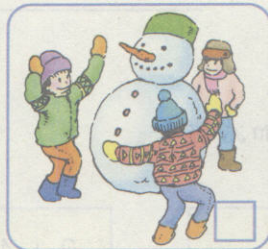
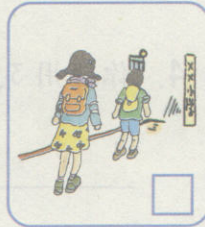
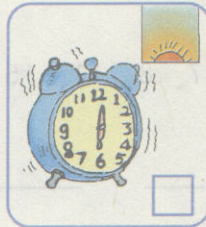
	19	
--	----	--

	8	
--	---	--

	12	
--	----	--

	15	
--	----	--

③ 按先后顺序填数。



2. 加法。

$0 + 8 = \blacksquare$

$7 + 9 = \blacksquare$

$7 + 8 = \blacksquare$

$8 + 7 = \blacksquare$

$3 + 2 = \blacksquare$

$6 + 4 = \blacksquare$

$8 + 8 = \blacksquare$

$9 + 6 = \blacksquare$

$9 + 4 = \blacksquare$

$8 + 6 = \blacksquare$

$9 + 8 = \blacksquare$

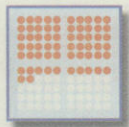
$10 + 5 = \blacksquare$

$2 + 9 = \blacksquare$

$5 + 7 = \blacksquare$

$10 + 8 = \blacksquare$

$11 + 4 = \blacksquare$



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$$\blacksquare + 12 = 20$$

$$7 + \blacksquare = 14$$

$$\blacksquare + 7 = 13$$

$$5 + \blacksquare = 15$$

$$\blacksquare + 9 = 15$$

$$8 + \blacksquare = 17$$

3. 减法。

$$4 - 4 = \blacksquare$$

$$9 - 0 = \blacksquare$$

$$9 - 4 = \blacksquare$$

$$8 - 6 = \blacksquare$$

$$5 - 2 = \blacksquare$$

$$10 - 3 = \blacksquare$$

$$8 - 4 = \blacksquare$$

$$14 - 7 = \blacksquare$$

$$9 - 9 = \blacksquare$$

$$12 - 8 = \blacksquare$$

$$7 - 4 = \blacksquare$$

$$15 - 6 = \blacksquare$$

$$7 - 2 = \blacksquare$$

$$13 - 5 = \blacksquare$$

$$6 - 4 = \blacksquare$$

$$14 - 5 = \blacksquare$$

$$9 - \blacksquare = 2$$

$$8 - \blacksquare = 6$$

$$10 - \blacksquare = 6$$

$$20 - \blacksquare = 10$$

$$13 - \blacksquare = 0$$

$$11 - \blacksquare = 5$$

4. 你能用 3、7、8、11、15 中的三个合适的数组成 4 个算式吗?

5. 连加、连减、加减混合。

$$5 + 2 + 6 =$$

$$11 + 3 + 4 =$$

$$2 + 4 + 8 =$$

$$3 + 8 + 7 =$$

$$17 - 8 - 7 =$$

$$18 - 8 - 5 =$$

$$18 - 9 - 9 =$$

$$15 - 7 - 5 =$$

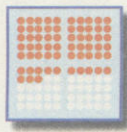
$$2 + 7 - 9 =$$

$$16 - 9 + 6 =$$

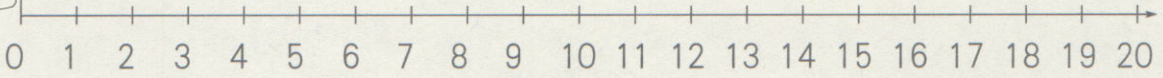
$$12 - 6 + 6 =$$

$$11 + 4 - 7 =$$

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6. 比较大小。



$4 + 3$ ○ 8

$15 - 6$ ○ 9

$14 + 3$ ○ 7

$4 + 4$ ○ 8

$15 - 7$ ○ 7

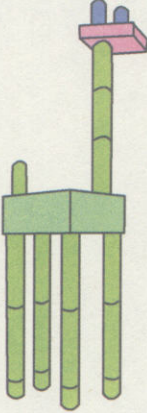
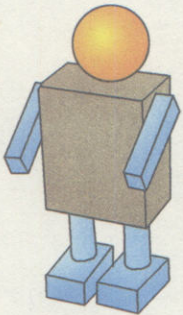
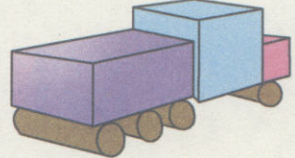
$20 - 9$ ○ 9

$4 + 5$ ○ 8

$15 - 5$ ○ 7

$8 + 7$ ○ 14

7. 数一数，填一填。

			
正方体			
长方体			
圆柱体			
球			

说 明

本册教材根据上海市中小学(幼儿园)课程改革委员会制定的课程方案和《上海市中小学数学课程标准(试行稿)》编写,供九年义务教育一年级(第一学期)试用。

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