



# 20以内的进位加法



7加几 (第二学时)



## B2 微课程设计与制作

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以希沃白板5、剪辑师和剪映制作的微课程《7加几》为例

**教材版本：**人教版四年级下册

**学段学科：**特殊教育生活数学

**任课教师：**吕美萍

**所在单位：**南安市特殊教育学校

培智学校义务教育实验教科书《生活数学》四年级下册



# 20以内的进位加法



7加几



## 《20 以内的进位加法——7 加几》微课学习任务单

### 一、学习指南

1. 课题名称:培智学校义务教育实验教科书生活数学四年级下册第 2 课《20 以内的进位加法——7 加几》
2. 达成目标:通过观看微课视频和完成《微课任务单》进一步会看图列式,并进一步掌握凑十法,学会用凑十法来计算 7 加几的进位加法。
3. 学习方法建议:观看视频,完成学习任务单,检测学习效果。
4. 课堂学习形式预告:观看视频,完成练习

### 二、学习任务

通过观看微课视频自学,完成下列学习任务:

#### 1. 数一数,算一算。



$$7 + 4 = \square$$

Diagram showing the decomposition of 4 into 3 and 1. A bracket groups 7 and 3, with an arrow pointing to a square box. Another bracket groups 3 and 1, with an arrow pointing to a square box. A final arrow points from the first group to a square box.



$$7 + 6 = \square$$

Diagram showing the decomposition of 6 into 3 and 3. A bracket groups 7 and 3, with an arrow pointing to a square box. Another bracket groups 3 and 3, with an arrow pointing to a square box. A final arrow points from the first group to a square box.

#### 2. 圈一圈,填一填。



$$7 + 5 = \square$$

Diagram showing the decomposition of 5 into 3 and 2. A bracket groups 7 and 3, with an arrow pointing to a square box. Another bracket groups 3 and 2, with an arrow pointing to a square box. A final arrow points from the first group to a square box.



$$7 + 7 = \square$$

Diagram showing the decomposition of 7 into 3 and 4. A bracket groups 7 and 3, with an arrow pointing to a square box. Another bracket groups 3 and 4, with an arrow pointing to a square box. A final arrow points from the first group to a square box.

### 三、资源链接

<https://13.r302.cc/1eZDD96?platform=enpc&channel=copylink>  
(课件网址)



扫码获取任务单

☀️ **教学目标：** 1. 运用“三七”儿歌巩固7和3凑成十的算法。  
2. 在现实情境中，学习7加几的“凑十法”计算。  
3. 在观察、操作中，逐步培养学生的思维。

☀️ **教学重点：** 用凑十法计算7加几的进位加法。

☀️ **教学难点：** 掌握凑十法的计算方法。

## 凑十歌

一九一九好朋友,  $(1+9=10)$

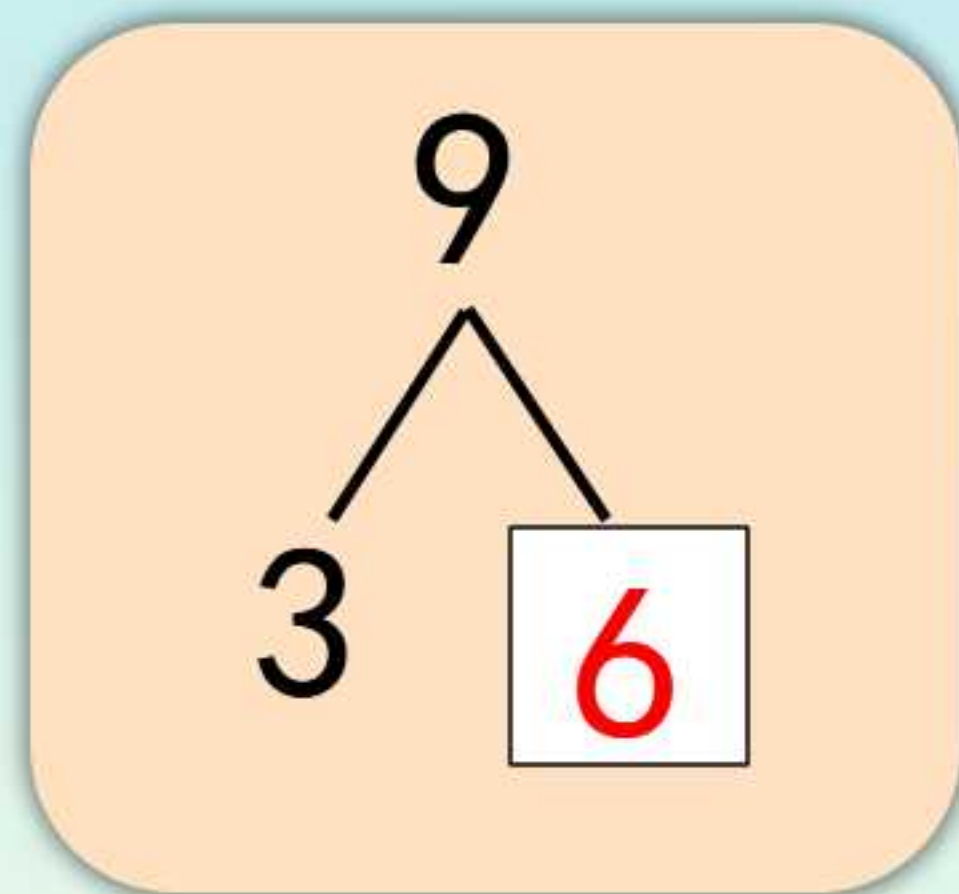
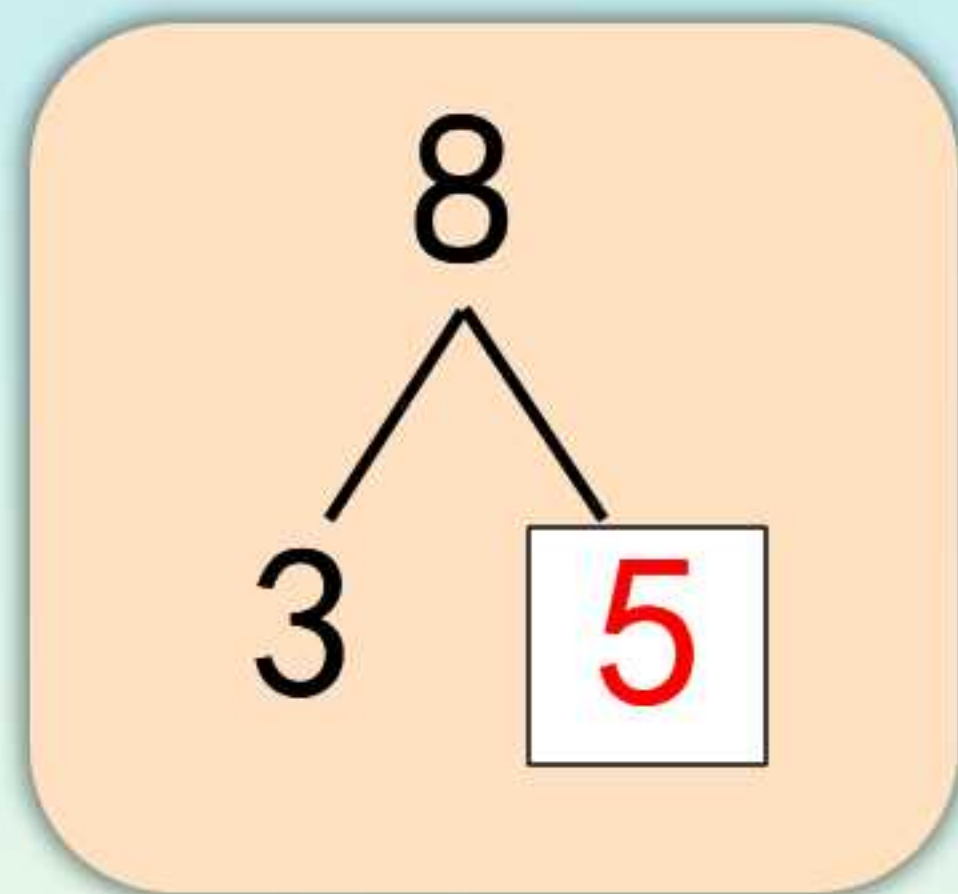
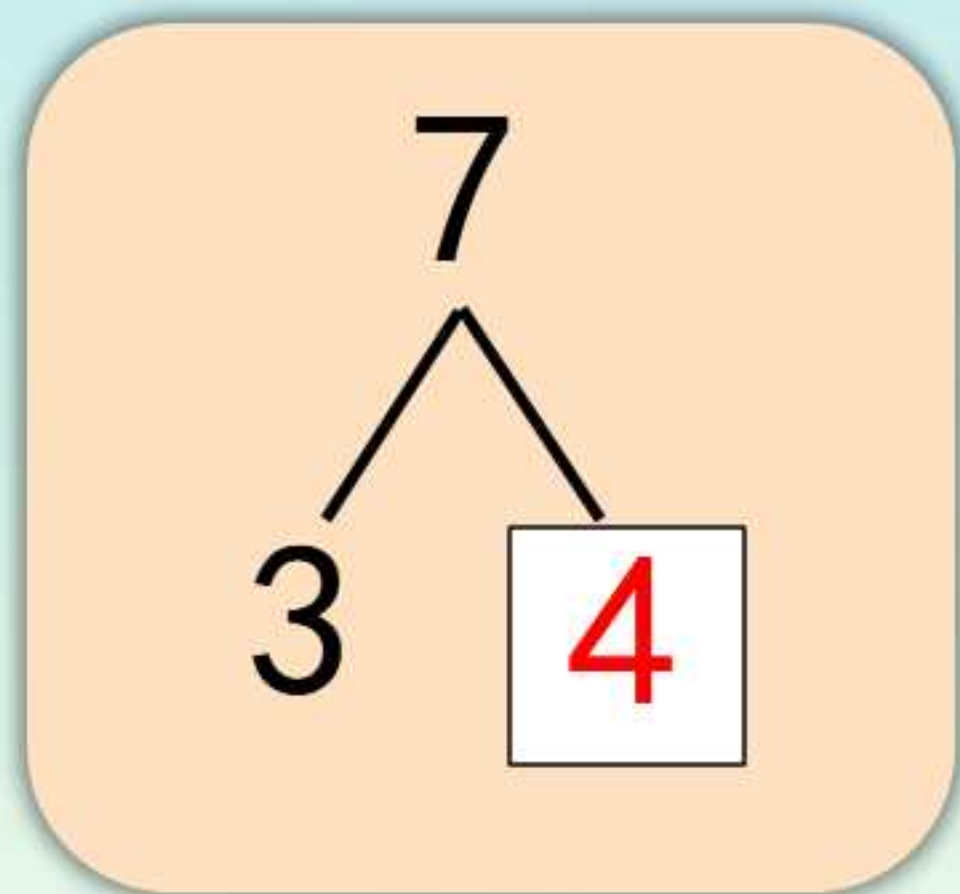
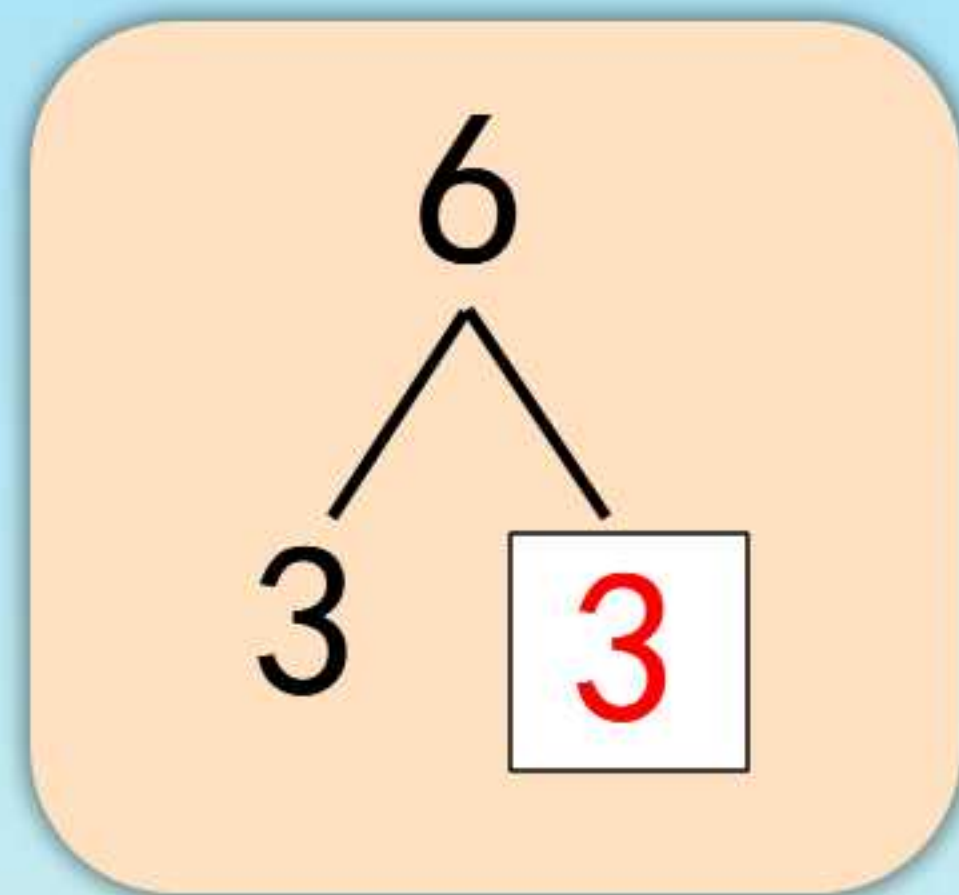
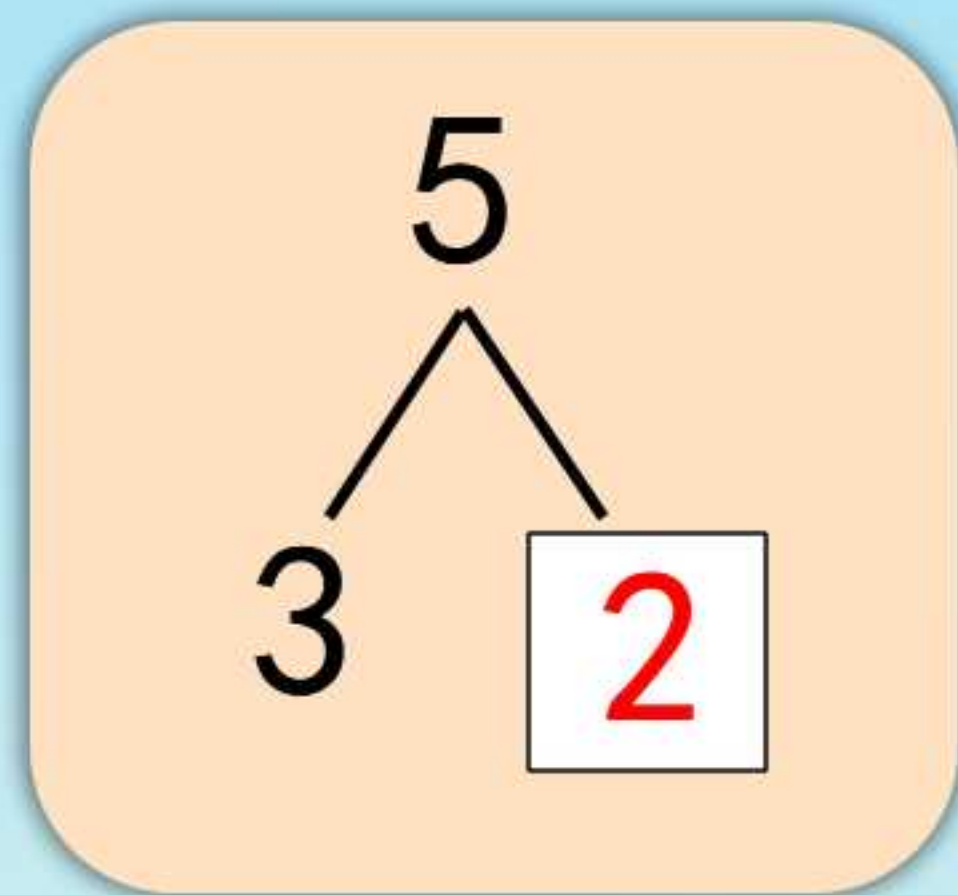
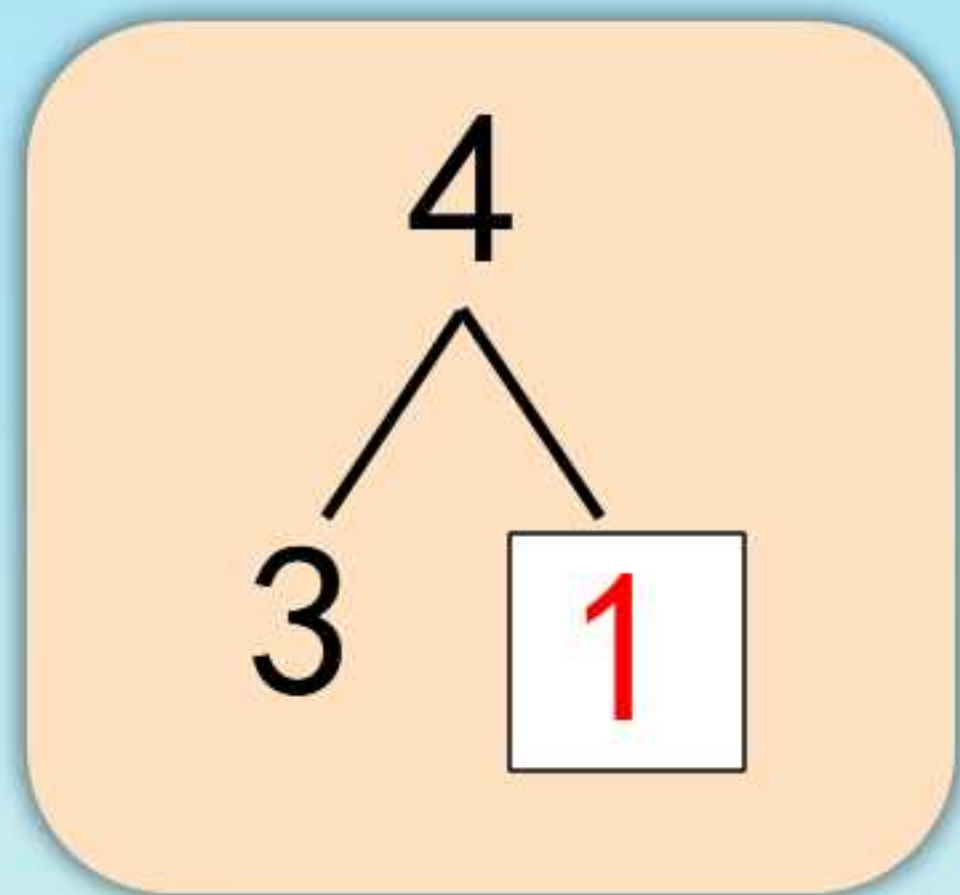
二八二八手拉手,  $(2+8=10)$

三七三七真亲密,  $(3+7=10)$

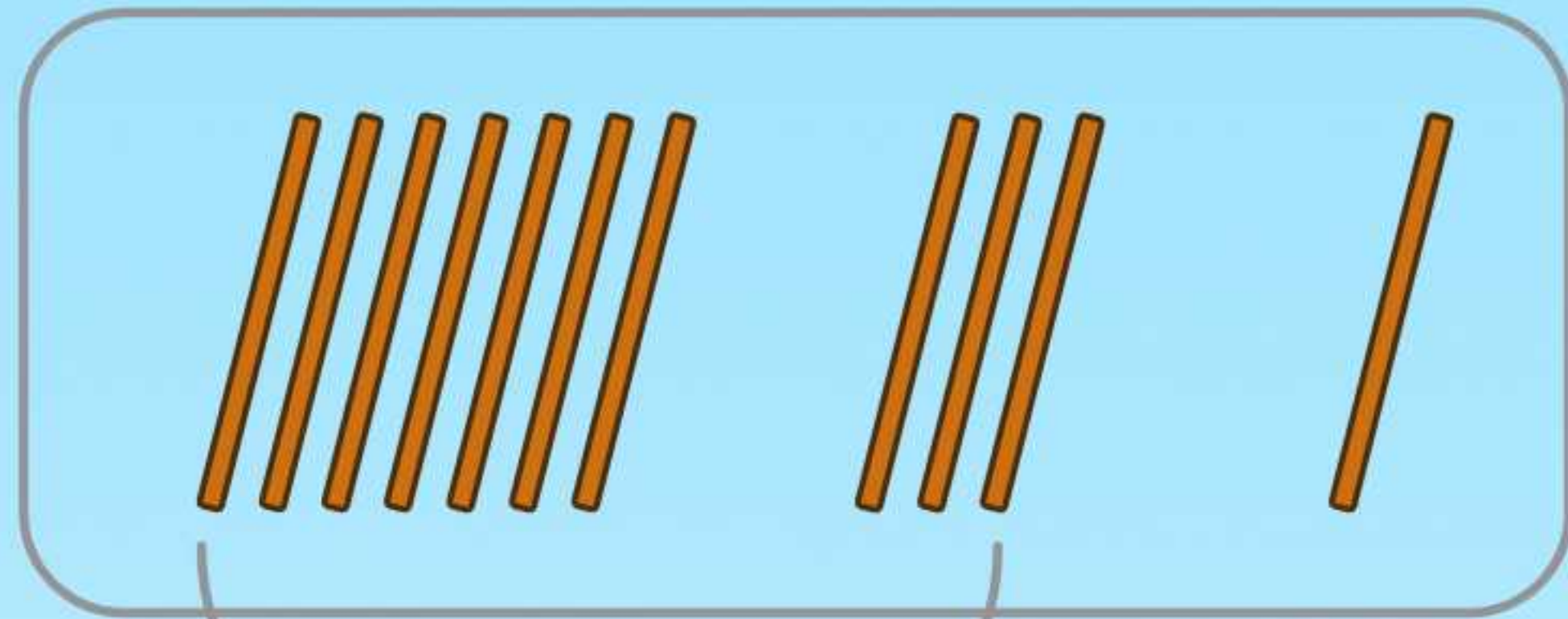
四六四六一起走,  $(4+6=10)$

五五凑成一双手。  $(5+5=10)$





复习



$$7 + 3 + 1 = 11$$

10

新授

一共有多少盆花?

接着数: 7、8、9、10、11

7

4

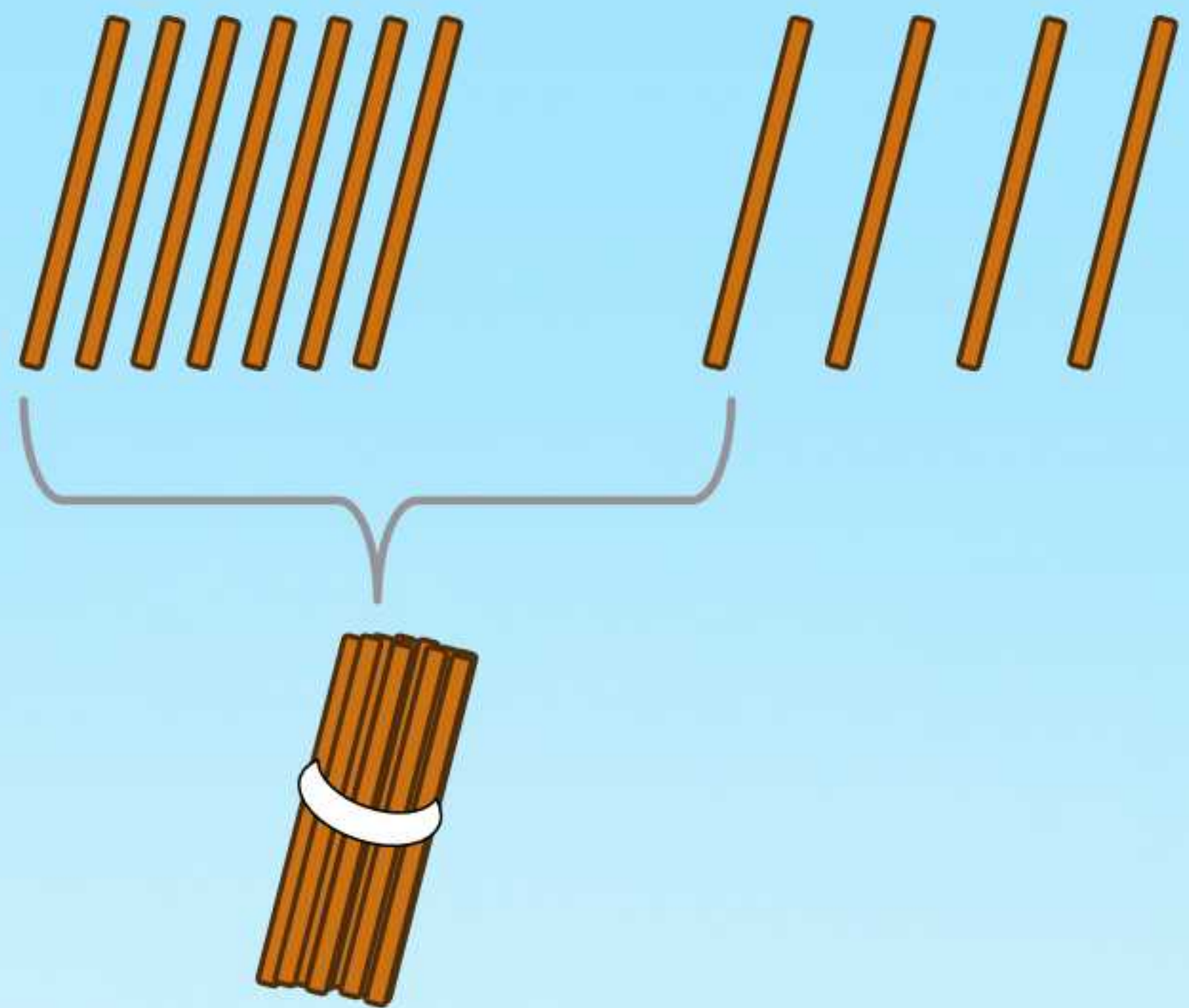
接着数.....

$$7 + 4 = 11$$

想：7和（ ）凑成10呢？

$$\textcircled{7} + 4 = \square$$



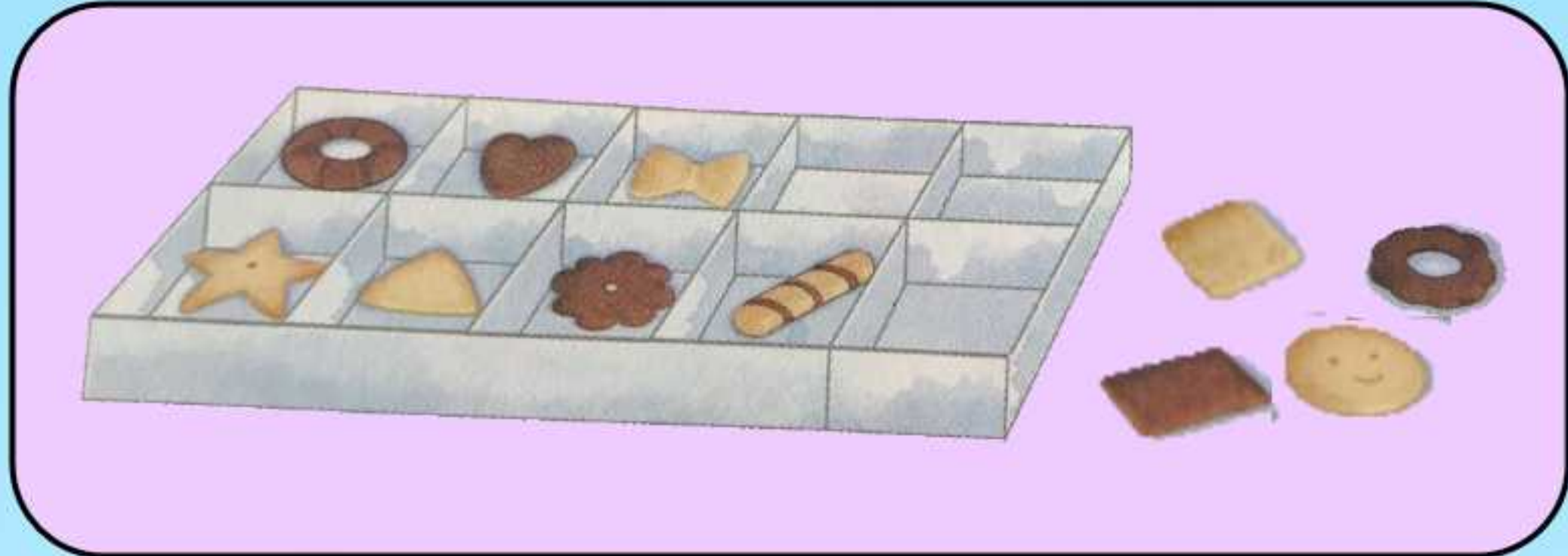


$$7 + 4 = 11$$

The diagram illustrates the addition process. The number 7 is shown above a box containing the number 10. An arrow points from the 7 down to the 10, and another arrow points from the 10 to the right, where the number 3 is written in red. The number 4 is shown above the 3, with an arrow pointing from the 4 down to the 3. The number 1 is written in red to the right of the 3, with an arrow pointing from the 3 up to the 1. The number 11 is shown in a box to the right of the equals sign.

做一做

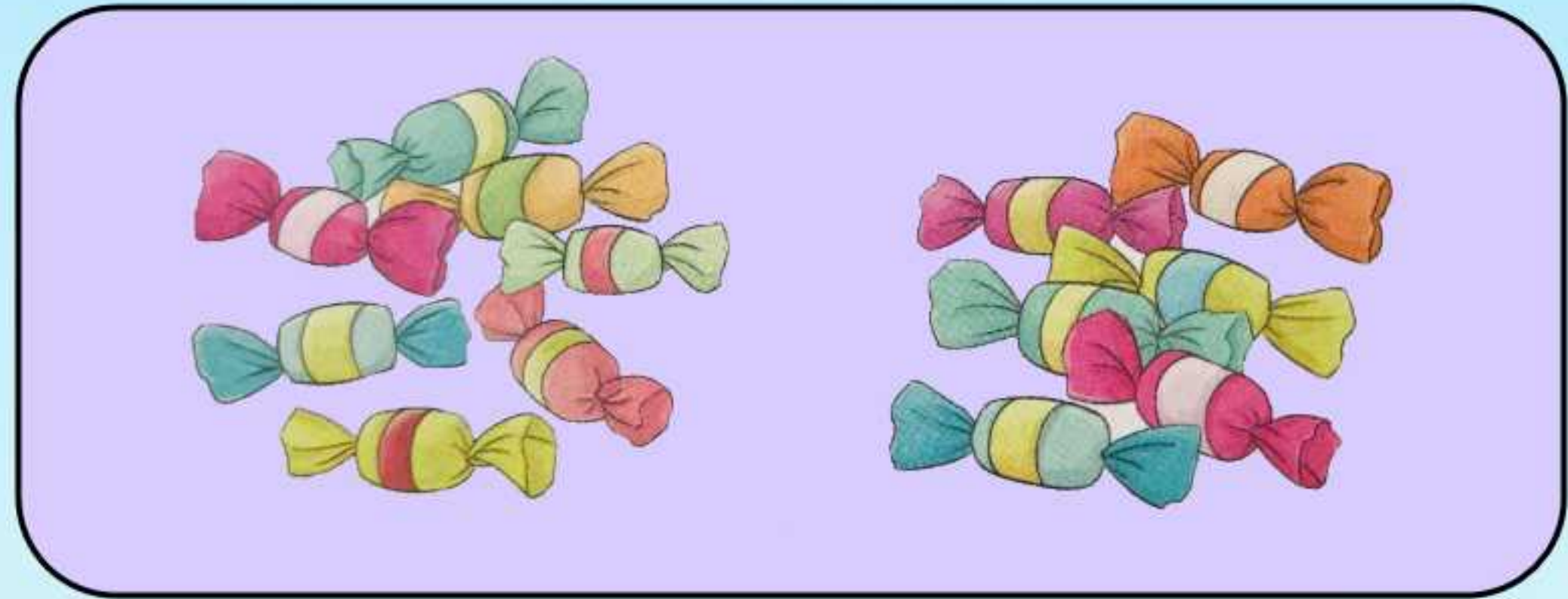
# 1.数一数，算一算。



三七三七真亲密。

$$7 + 4 = \square$$

Diagram illustrating the calculation of 7 + 4. A vertical line descends from the 7 to a square box. A horizontal line extends from the 4 to the right, then a vertical line goes down to a square box. A diagonal line connects the top of the 4 to the top of the 3, and another diagonal line connects the top of the 4 to the top of the square box. An arrow points from the 3 up to the square box.



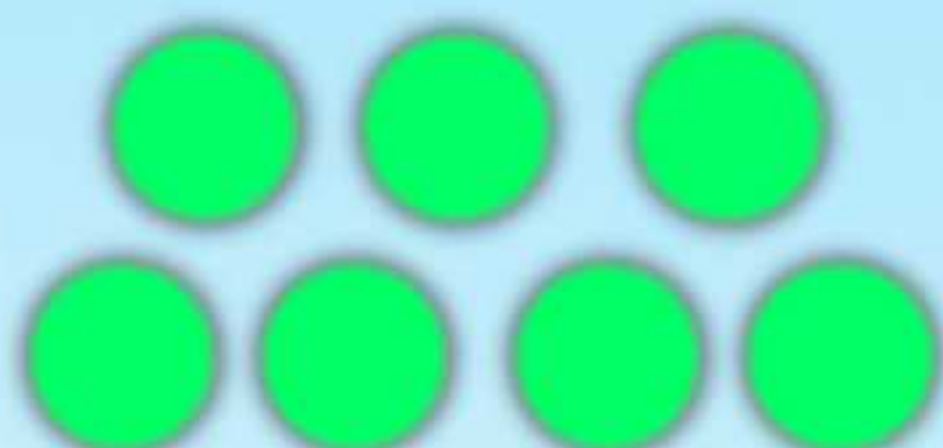
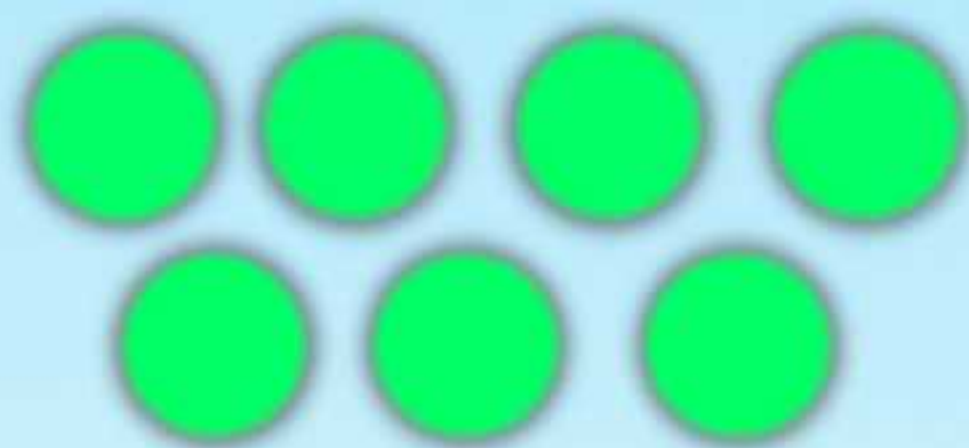
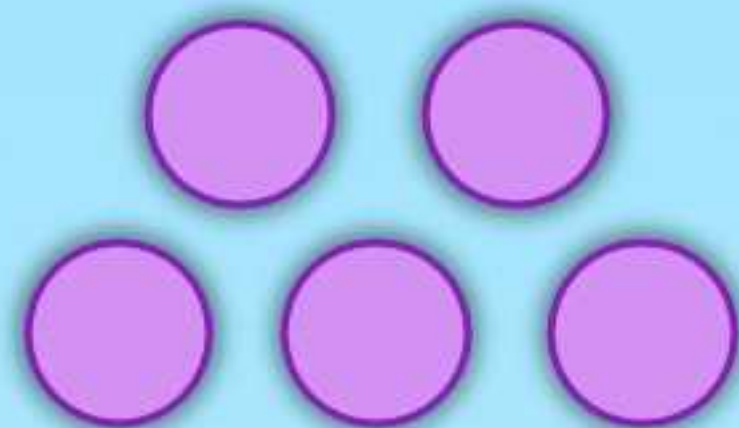
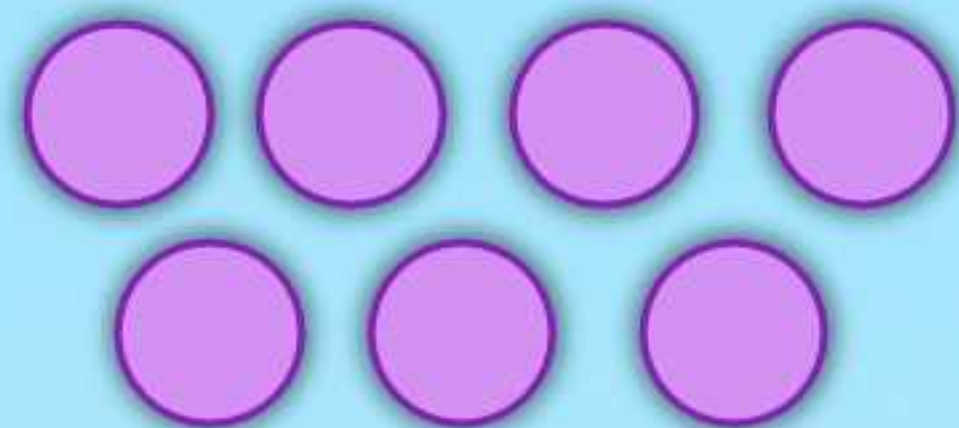
$$7 + 6 = \square$$

Diagram illustrating the calculation of 7 + 6. A vertical line descends from the 7 to a square box. A horizontal line extends from the 6 to the right, then a vertical line goes down to a square box. A diagonal line connects the top of the 6 to the top of the 3, and another diagonal line connects the top of the 6 to the top of the square box. An arrow points from the 3 up to the square box.



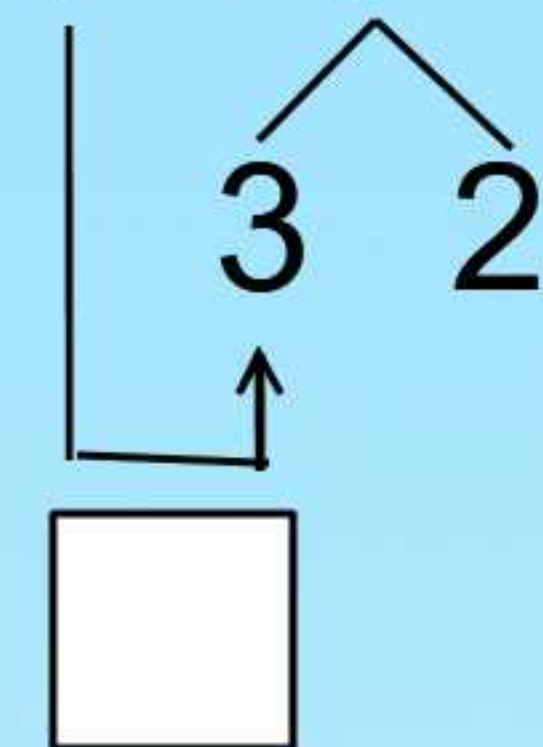
做一做

## 2. 圈一圈，填一填。

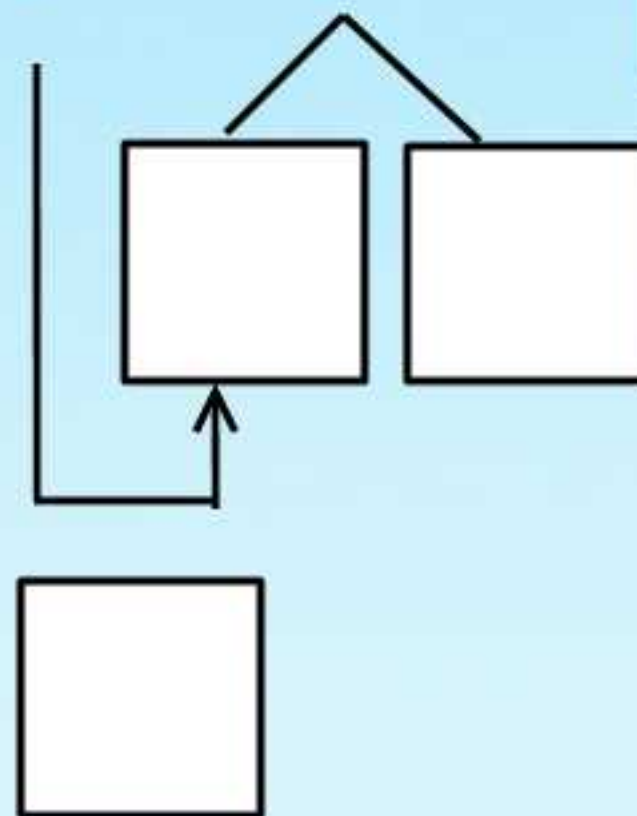


三七三七真亲密。

$$7 + 5 = \square$$



$$7 + 7 = \square$$



今天，我们学习了 **凑十法**

三七三七真亲密。

$$\begin{array}{c} 7 + 4 = \boxed{11} \\ \downarrow \quad \swarrow \quad \searrow \\ \quad 3 \quad 1 \\ \boxed{10} \end{array}$$

再见!