

## Look Back

Izzy bakes 2 cakes.



She bakes 5 more cakes.



How many cakes does she bake?

**Izzy bakes 7 cakes.**

Find your answer by counting on.

## B Add by Combining Sets

**P.100**



### Thinking Cap

Caz gives Izzy 8 more cakes.  
How many cakes does Izzy have in all?  
What is another way to add besides counting on?  
Tell your partner.



### make 10:

$$\begin{array}{c} 7 + 8 \\ \hline 3 \quad 5 \end{array}$$

$$3 + 7 = 10$$

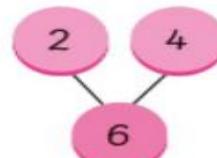
$$10 + 5 = 15$$

## Let's Learn

- a There are 2 small goldfish and 4 big goldfish.  
How many goldfish are there altogether?



There are 6 goldfish altogether.



2 and 4 make 6.

You can use number pairs to add. You add to find the total.



- b Aini has 7 cubes.

Arif has 5 cubes.

How many cubes do they have altogether?



$$7 + 5 = 10 + 2 = 12$$

They have 12 cubes altogether.

To combine two numbers easily, you can make 10 first.



What is the answer if you use 5 to make 10 instead?  
What do you see?

$$7 + 5$$



## Let's Practise

1 What is  $6 + 7$ ?



Make 10 first.



$$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array} = \underline{\underline{10}} + \underline{\underline{3}} \\ = \underline{\underline{13}}$$

2 Add by making 10.

a  $6 + 5 = 10 + \underline{\underline{1}}$

Two sets of Dienes blocks. The first set shows 6 blocks (1 flat and 6 small cubes). The second set shows 5 blocks (1 flat and 5 small cubes). Dashed lines connect the 6 blocks to the 4 blocks of the second set, and the 5 blocks to the 1 block of the second set.

$$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array} = 10 + \underline{\underline{1}} \\ = \underline{\underline{11}}$$

b  $4 + 8 = \underline{\underline{12}}$

Two sets of Dienes blocks. The first set shows 4 blocks (1 flat and 4 small cubes). The second set shows 8 blocks (1 flat and 8 small cubes). Dashed lines connect the 4 blocks to the 2 blocks of the second set, and the 8 blocks to the 2 blocks of the second set.

c Caz adds 4 and 8 by counting on from 4.

How can you improve the way she adds?

**Caz can count on from 8 instead because it is easier to count on from the larger number.**

3 Ahmad has 7 coins.

Betty has 5 coins and Carol has 3 coins.

a Whose coins together make 10? **Ahmad and Carol**

b How many coins do they have altogether? **15**

How do you find the answer?

**because  $10 + 5 = 15$**

