# Look Back

There are 15 books on a shelf.

Eddy puts 2 more books on the shelf.    count on 2 from 15



How many books are there on the shelf now?  **17**

# Thinking Cap

There are 45 books on another shelf.
Eddy puts another 21 books on this shelf.
How many books do you think are there on the shelf now?

**Add 2 digits numbers**

45 + 21 = 66

$$\begin{array}{r} 4\,5 \\ +\ 2\,1 \\ \hline 6\,6 \end{array}$$

**Let's Learn**

**a** How many birds are there **altogether?**



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

$2 + 3 + 1 + 2 = 8$

There are ___**8**___ birds altogether.

Count on to add.

**b** There are 23 balls in Basket A and 45 balls in Basket B.

How many balls are there <u>altogether</u>?

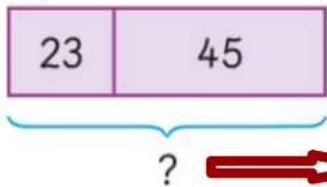**skip**

> **Estimate** to check your answer.
> 23 is slightly more than 20.
> 45 is close to 50.
> 20 + 50 = 70
> The sum is close to 70.

**23 + 45 = 68**

$$\begin{array}{r} 2\,3 \\ +\ 4\,5 \\ \hline 6\,8 \end{array}$$

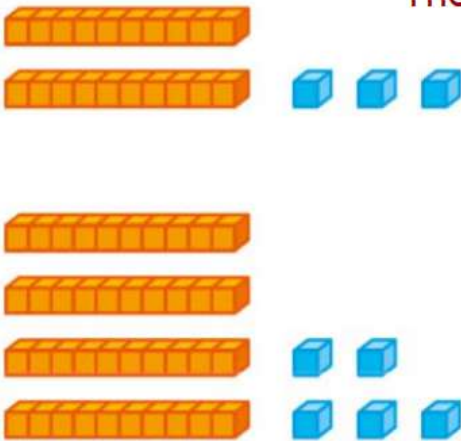Jill draws a **bar model** to find the **sum** of 23 and 45.

| 23 | 45 |

?

**Why is 23 drawn shorter than 45?**
Because 23 is a smaller number than 45.

**What does the question mark represent?**
The question mark represents the sum.

| 10s | 1s |
|-----|-----|
| 2 | 3 |
| + 4 | 5 |
| 6 | 8 |

**Step 1:** Add the ones.
3 ones + 5 ones = 8 ones

**Step 2:** Add the tens.
2 tens + 4 tens = 6 tens

23 + 45 = ___68___

There are ___68___ balls altogether.

Activate Wind

What is 23 + 50?

```
   2 3
 +
   5 0
 ─────
   7 3
```
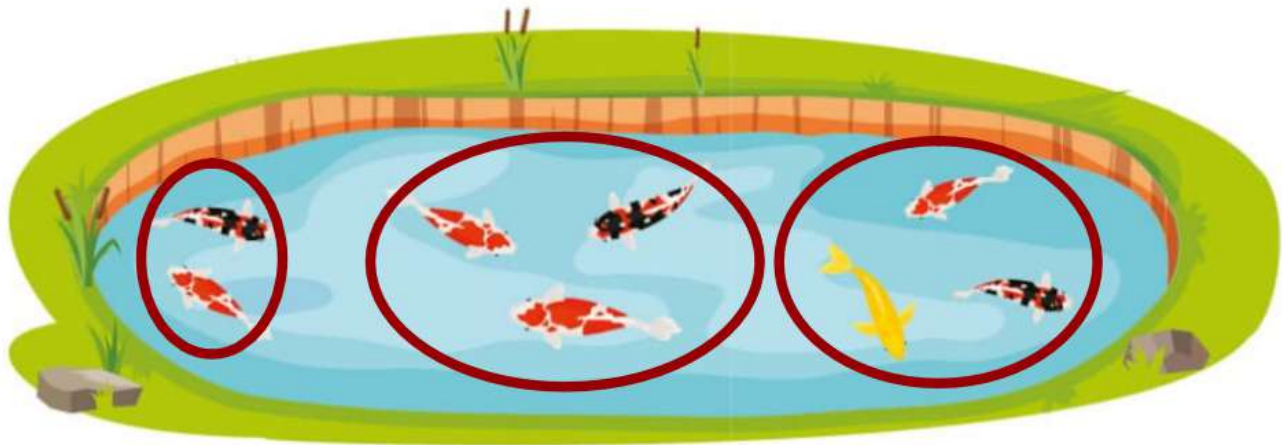
# Let's Practise

I How many fishes are there altogether? 8

Use a number line to help you. _____



2+3+3=8

**2** Add.

**a**

```
    3   2
+       6
─────────
    3   8
```

**b**

```
    5   3
+   4   0
─────────
    9   3
```

Use base-ten blocks to show your answers.
Explain your answer.

| Tens | Ones |
|------|------|
| | |
| | |
| 3 | 8 |

| Tens | Ones |
|------|------|
| | |
| | |
| 9 | 3 |