



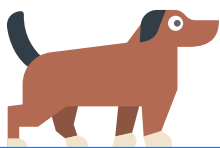
Tables

Tables are a way of showing information, or data, in a clear and simple way.

Information is organised into **columns** (which are vertical ↕) and **rows** (which are horizontal ↔). Let’s look at an example!

This table shows the number of dogs that were spotted in a park:

	Pug	Husky	Dalmatian
Number of Dogs	2	4	6



Each **column** represents a different type of dog. The ‘Number of ‘Dogs’ **row** tells us how many of each type of dog was spotted in the park.

Two-Way Tables

Two-way tables show information about two related **categories of information**.

The **columns** of a two-way table represent one category (e.g. dog breed), and the **rows** represent a different category (e.g. gender).

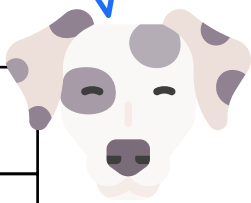
There might also be a **total** column or row which shows the total for each category.

These two **rows** tell us the number of dogs of each gender.

These **columns** tells us which breeds of dog were spotted.

I’m always spotted!

	Pug	Husky	Dalmatian	Total
Male	0	2	5	7
Female	2	2	1	5
Total	2	4	6	12



We can read downwards from the type of dog. For example, we can see from the ‘Pug’ column that there were 0 male pugs and 2 female pugs in the park.



Example Question

Ato went bird-watching last weekend. Ato recorded the number of birds they saw on each day in the table below.

	Robin	Wren	Magpie	Total
Saturday	5	2	7	14
Sunday	8	?	2	16
Total	13	8	9	30



Which number should replace ‘?’ in the table?

A

4

B

5

C

6

D

7

E

8



We need to find the number of **wrens** that Ato saw on **Sunday**.

1

Let’s search in the ‘**Wren**’ **column** to find our answer.

To find the number of wrens Ato saw on Sunday, we need to **subtract** the number of wrens Ato saw on Saturday (2) from the total number of wrens (8).

$$8 - 2 = 6$$

2

Let’s check our answer using the ‘**Sunday**’ **row**.

In total, Ato saw 16 birds on Sunday. To find the number of wrens, we need to subtract the number of other birds (8 robins and 2 magpies) from this total.

$$16 - 8 - 2 = 6$$



The correct answer is **C**, 6.