



**1. Listen and complete the text with the following words. Be careful! Some words are missing.**

Sexual	Zygote	Inherit	Identical	Extinction	Gametes	Adaptation	Diversity
Traits	Essential	Asexual	Continuity	Offspring	Survive	Similar	Descendants

## The importance of reproduction

..... is the ability of all living things to create other beings .....or identical to them.

Reproduction is not an essential function for the survival of an organism, but it is ..... for the continuity of life. Through reproduction, new individuals are created and take the place of those that die and ensure the ..... of the species.

### a) Types of reproduction

There are two types of reproduction: asexual and sexual.

#### - Asexual reproduction:

Only ..... individual carries out ..... reproduction.

The descendants are ..... to the parent. Unicellular organisms reproduce this way, as well as algae and fungi, plants and some simple invertebrates can reproduce like this.

#### - Sexual reproduction:

..... individuals carry out ..... reproduction.

They produce sexual cells or .....

The union of a male and a female gamete forms a cell, the ....., which develops into a new being.

It is the typical way that plants and animals produce .....

### b) Advantages of sexual reproduction

Sexual reproduction is a ..... and more ..... process than asexual reproduction, but it has a great ..... While in asexual reproduction all the ..... of a parent are identical to each other and to the parent, in sexual reproduction the ..... exhibits mixed traits from both parents.

The new combinations of ..... increase the ..... of individuals within the species, which provide two benefits:

- **Better** ..... of each species to the environmental conditions. Within that diversity, individual with the most advantageous characteristic to ..... will leave more offspring behind, who are more likely to ..... such characteristics.

- **Lower risk of** ..... of the species. In a population made up of a very diverse individuals, it will always be more likely to find some that can survive an important ..... in environmental conditions, and therefore, prevent the ..... of the species.