

THE VITAL FUNCTIONS

The vital functions are a set of processes essential for maintaining life. There are **three vital functions**:

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Nutrition: allows living beings to **obtain** _____ **and** _____

Nutrition is carried out through the following processes:

- A) **Obtaining**
- B) **Respiration**
- C) **Distributing**
- D) _____

B) There are two types of nutrition:

- C) _____ **nutrition**: synthesizing organic nutrients from _____ ones (carbon dioxide, for example) and solar energy → **Photosynthesis**.
- D) _____ **nutrition**: obtaining _____ nutrients and energy from the organic matter of other _____

Interaction: allows living beings to _____ to changes, around them or within their own organism

Interaction processes imply the following steps:

- A) **Perceiving** _____ **BY** _____
- B) **Establishing** _____ **BY** _____
- C) _____ **Responses BY** _____

Reproduction: this function is used by living beings for generating _____ and ensuring the _____ of the specie.

There are 2 types of reproduction:

1. **reproduction :** _____ individual producing offspring that are _____ to it.
2. **reproduction:** _____ parent individuals of different sexes (male and female) producing offspring that are similar to themselves. Specialized reproductive cells called _____ are required.