

**READING ACTIVITIES** (Answer key)

**After reading the text, copy and answer the following questions into your notebook:**

Remember: you must make complete sentences.

**2.3. Explain why:**

- a. Why is the fertilisation in terrestrial animals internal?

It is because **the gametes** (ova and spermatozoa) **cannot survive in dry environment**, so that they have to be released inside the female's body in terrestrial animals.

- b. Why is necessary sexual dimorphism in unisexual species?

It is necessary because in unisexual species individuals only form a type of gamete and have to find another individual of different sex to reproduce. Sexual dimorphism (different size or shape in males and females) help **to recognize a potential partner**.

- c. Why some animals (e.g. amphibians) only can lay eggs in wet or aquatic environments?

It is because **their eggs do not have impermeable membrane** (amnion) so that they dry up in terrestrial environment.

- d. Why some species (e.g. frogs) undergo metamorphosis?

It is because **larvae are born in a very immature state and they have to undergo profound anatomic and physiologic changes to become adult**. These changes are called metamorphosis.

**2.4. The following pictures represent the ladybug life cycle. Order them and relate each one with the descriptions below.**