

## Modes of Reproduction



### Reproduction:

The production of new organisms from the existing organisms of the same species is known as reproduction. Reproduction is essential for the continuation of a species generation after generation.

### Young one or Offspring:

Young one or Offspring The newborn animal is called a young one. The young one of the animal is called its offspring.

### Sex cells:

The reproductive cells are called sex cells. Sex cells are also known as gametes. The male sex cells or gametes are called sperm and the female sex cells or gametes are called egg or ovum.

### Modes of Reproduction:

Reproduction in animals can be divided into two main groups:

**Sexual reproduction:** The production of a young one from two parents by fusion of male and female sex cells or gametes is called sexual reproduction. Example: Humans, dogs, frogs, fish, etc.

**Asexual reproduction:** The production of new organisms from a single parent without the involvement of sex cells or gametes is called asexual reproduction. Example: Amoeba and Hydra. The young produced by asexual reproduction is an exact copy of the parents.