

Name

### 2.39 Life Cycle

What is a life cycle?

An adult organism produces gametes that quickly go through **fertilization** and form diploid zygotes. The zygotes mature into adults, which live for many years. Eventually the adults produce gametes and the cycle repeats. What type of life cycle does this organism have? Explain your answer.

Which life cycle is the simplest? Why?

Describe the alternation of generations life cycle.