

## ***Reproduction and Development***

**Directions:** Use your textbook to answer each question or respond to each statement.

- 1. Reproduction is essential to life on Earth because it is the process that produces new organisms.**

**Define** the terms *gamete*, *fertilization*, and *zygote*, and explain how each is connected to the reproductive process.

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- 2. Male and female reproductive systems are necessary for reproduction.**

**Compare** and **contrast** the male and female reproductive systems.

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- 3. Menstruation is an important part of the female reproductive cycle.**

What happens to an unfertilized egg during the menstrual cycle?

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- 4. Humans go through several stages of development between birth and old age.**

**List** and describe some of the significant stages of development during a human lifetime.

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