

Name _____

The Life Cycle of a Housefly

Open-Ended Response Answer Key

1. The life cycle of a housefly happens quickly to help them survive by producing many offspring in a short amount of time.
2. Each stage prepares the fly by helping it grow, develop, and adapt to its environment—for example, maggots grow by feeding, and pupae protect the fly during metamorphosis.
3. Challenges might include predators, lack of food, or unsuitable conditions for laying eggs.
4. One change could be a longer life span for adult flies to study their behavior more; this would also slow population growth.

