

Name _____

Ladybugs: How They Reproduce

Open-Ended Response Answer Key

1. Ladybugs lay many eggs because not all of them survive due to predators or lack of food.
2. The environment provides food (like aphids) and safe places for larvae to grow and develop.
3. (Example response) As a larva, I might face challenges like finding enough food, avoiding predators, or surviving bad weather.
4. Metamorphosis helps ladybugs because each stage is suited to survival: larvae eat pests, pupae develop safely, and adults can fly to new habitats.

