

Name _____

The Amazing Life Cycle of a Cockroach

Open-Ended Response Answer Key

1. Cockroaches can survive in many environments because their quick reproduction, adaptability, and ability to eat almost anything make them highly resilient.
2. The ootheca keeps eggs safe by protecting them from predators and harsh conditions until they hatch.
3. Students may answer: "I would study the nymph stage because it's interesting how they grow and molt several times before becoming adults."
4. If cockroaches could not reproduce as quickly, their populations might shrink, and they might not be as successful at surviving in challenging environments.

