

Name _____

How Do Cockroaches Talk?

Open-Ended Response Answer Key

1. Cockroaches use chemicals because pheromones can last longer and spread to more individuals, which is useful for finding food or marking safe places.
2. Teamwork helps cockroaches survive by allowing them to share information about food, danger, or safe hiding spots.
3. Students' answers may vary, but an example is: "I would design a way for cockroaches to change color to warn others about danger because it would be easier to see."
4. Cockroaches' ability to use pheromones, antennae, and movements shows that even small animals can solve problems and communicate effectively.

