Name:

Echolocation

* A bat sends out a constant stream of beeping noises.
* The sound waves spread out ahead of the flying bat.
* Sound waves strike objects such as flying insects.
* Sound waves bounce off and echo back to the bat.
* The bat picks up the reflected sound with its ears.
* Nerves carry a signal from the bat’s ears to its brain.
* The brain interprets the size, distance, speed, and direction of the item.

1. Based on the information in the text, what does echolocation mean?

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2. What is the third step to echolocation?

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3. What is the last step to echolocation?

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4. What do you think a bat would use echolocation for?

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