Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seeing with Ears Lab Sheet

1. Draw a sound wave in the box below.
2. Draw how echolocation works. Use the features of the bat to show where the sound waves originate, travel and end up.





1. Fill in the blank using the word bank below.

Echolocation helps animals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ things through \_\_\_\_\_\_\_\_\_\_\_\_\_.

The animal produces a very \_\_\_\_\_\_\_\_\_\_\_ pitched sound and listens for its echo.

Animals, such as \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ have developed special

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ adaptations that allow them to echolocate.

Animals that use echolocation can navigate, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, identify friends and

enemies, and avoid obstacles in complete ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

bats

high

locate

physical

darkness

dolphins

hunt prey

echoes