**Quiz #3**

**Sound Waves**

**Short Answer- Fill in the blanks with the correct answer.**

1. Where do sound waves come from?
2. What is an echo?
3. Where does sound move fastest at?

4. What is the process of using reflected sound waves to find objects called?

1. What animal emits high frequencies that help them locate things?
2. What is the explosive sound heard when a shockwave reaches your ear?

True/False – On the line provided, please write True or False.

1. We use our ears to hear vibrations which turn into sound. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Sounds that are too loud are unhealthy for our ears. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The Cochlea is filled with tiny hair cells.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Number the events 1-4 for the correct order in which they occur.

\_\_\_\_\_\_\_\_\_\_ Electrical signals sent to the brain

\_\_\_\_\_\_\_\_\_\_ Sound waves travel to cochlea

\_\_\_\_\_\_\_\_\_\_ Sound waves travel to eardrum through ear canal

\_\_\_\_\_\_\_\_\_\_ Brain interprets sound

BONUS: Circle the picture that represents a sound wave.

