

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

## Sound

### Pitch

**Key Concept:** The pitch of a sound that you hear depends on the frequency of the sound wave.

- **Pitch** is how high or low a sound seems to a person who hears it. The sound of a whistle has a high pitch. The sound of thunder has a low pitch.
- The pitch of a sound depends on the frequency of the sound waves. A sound wave with a higher frequency makes a sound with a higher pitch.
- Humans can hear only a certain range of pitches. A sound that is too high for humans to hear is called **ultrasound**. A sound that is too low for humans to hear is called **infrasound**.
- Music uses certain pitches called notes. When you sing or play a musical instrument, you keep changing pitch.

Answer the following questions.

3. How high or low a sound seems to a person who hears it is the \_\_\_\_\_.
4. Is the following sentence true or false? The pitch of a sound depends on the frequency of the sound waves.  
\_\_\_\_\_
5. Fill in the blanks in the table about types of sound.

Types of Sound	
a. _____	too high for humans to hear
b. _____	too low for humans to hear