

Name \_\_\_\_\_

## Magical Melodies: How Musical Instruments Create Tones and Notes

### Multiple Choice Questions

1. What is the primary source of sound in string instruments like the guitar or violin?
  - a) Air pressure
  - b) Resonance
  - c) Vibrating strings
  - d) Electronic circuits
  
2. How does the thickness of a string on a string instrument affect the produced note?
  - a) Thicker strings produce higher notes.
  - b) Thicker strings produce lower notes.
  - c) Thickness does not affect the note.
  - d) Thicker strings produce louder notes.
  
3. What type of instrument uses air to produce sound, where the length, shape, and opening of the instrument determine the note?
  - a) String instrument
  - b) Brass instrument
  - c) Wind instrument
  - d) Percussion instrument
  
4. How do percussion instruments like drums and xylophones produce sound?
  - a) Through blowing air
  - b) By plucking strings
  - c) Through striking
  - d) By pressing keys
  
5. What is a significant advantage of electronic instruments like synthesizers?
  - a) They are lightweight and easy to carry.
  - b) They produce natural acoustic sounds.
  - c) They cannot be manipulated to create different tones.
  - d) They offer a wide range of tone manipulation options.

