

Review and Reinforce

Music

Understanding Main Ideas

The curves show the fundamental tone, first overtone, and second overtone of a sound. Identify the curves by filling in the blanks.



1. _____



2. _____



3. _____

Answer the following questions on a separate piece of paper.

4. What does the sound quality of a particular instrument result from?
5. Why do a guitar and a trumpet sound different when they both play the same note?
6. Compare the different ways a musician changes the pitch while playing a stringed instrument or playing a wind instrument.

Building Vocabulary

Fill in the blank to complete each statement.

7. A set of notes that combine in patterns that are pleasing is known as _____.
8. The lowest natural frequency of a standing wave is called the _____.
9. _____ have frequencies that are two, three, or more times the frequency of the fundamental tone.

Lesson Quiz

Music

Write the letter of the correct answer on the line at the left.

1. ____ The lowest natural frequency in a standing wave is called the
A resonant note
B second overtone
C harmonic
D fundamental tone
2. ____ The sound quality of a musical instrument results from blending a fundamental tone with its
A opposite
B undertones
C overtones
D standing wave
3. ____ The flute is a
A percussion instrument
B stringed instrument
C brass instrument
D wind instrument
4. ____ To change the pitch of a stringed instrument, a musician
A plucks the strings
B changes the length of the vibrating string
C presses the bow harder against the strings
D blows harder

If the statement is true, write *true*. If the statement is false, change the underlined word or words to make the statement true.

5. _____ The three basic groups of musical instruments are stringed, brass, and wind.
6. _____ Music is a set of notes that combine in patterns that are unusual.
7. _____ Most instruments produce several natural frequencies simultaneously.
8. _____ The size, density, and material of an instrument determine which overtones are loudest.
9. _____ In a wind instrument, a shorter air column produces a higher pitch.
10. _____ A musician produces sound from a percussion instrument by blowing across a mouthpiece.