Chapter 13

Vocabulary Review (5 pts. each)

1. reflection
2. vibration
3. amplitude
4. pitch
5. transmission
6. intensity
7. frequency
8. absorption
9. wavelength
10. reflection

Check Understanding (5 pts. each)

11. B, a transverse wave
12. F, A
13. C, C
14. H, The first bell is louder.
15. C, decibel
16. J, the cochlea

CHAPTER 13 Review and Test Preparation

Vocabulary Review

Use the terms below to complete the sentences. One term will be used twice. The page numbers tell you where to look in the chapter if you need help.

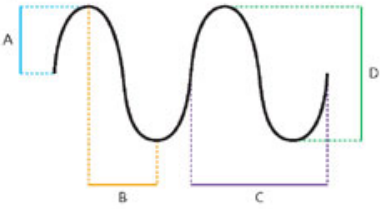
vibration p. 532
pitch p. 534
intensity p. 535
wavelength p. 543
frequency p. 543
amplitude p. 543
reflection p. 554
absorption p. 555
transmission p. 556

1. A word that means "bouncing off" is _____.
2. Quick back-and-forth motion is called _____.
3. The distance from the rest position to the top of a wave is called the wave's _____.
4. How high or low a note sounds is called its _____.
5. The process of a sound wave's traveling through matter is called _____.
6. The measure of the loudness of a sound is called _____.
7. The number of waves that pass a certain point in one second is called the _____.
8. The process of taking in and stopping a sound is called _____.
9. The distance from the top of one wave to the top of the next wave is called the _____.
10. An echo in the mountains can be an example of a sound's _____ off of cliffs.

Check Understanding

Write the letter of the best choice.

Use the diagram to answer Questions 11–13.



11. What kind of wave is shown?
    - **A.** a longitudinal wave
    - **B.** a transverse wave
    - **C.** a sound wave
    - **D.** a water wave
12. Which shows the amplitude of the wave?
    - **F.** A
    - **G.** B
    - **H.** C
    - **J.** D

Online Assessment may be used for electronic assessment.
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Portfolio Assessment

Have students select their best work from the following suggestions:

- **Make Connections,** pp. 537, 547, 557
- **Investigate,** pp. 530, 540, 550

See ***Assessment Guide*** pp. xx–xxiv.