

Chapter 20: Sound Hewitt 10th Edition

2. they are the same.
4. frequency
6. In the example, the curtain moves after the door is opened or closed.
8. sound is vibrations of air
10. 330 m/s
12. a reflection of sound
14. when parts of the wavefront travel at different speeds
16. temperature variations
18. turns into thermal energy
20. elasticity and shape
22. because the natural frequency is set to match one signal.
24. when the crest of one wave overlaps the trough of another
26. two tones of slightly different frequencies and sounded together
28. radio waves of electromagnetic vibrations