

Unit 10 L 1 What is Energy?

1. What causes sound?
 - a) An object vibrates.
 - b) An object has more light on it.
 - c) An object gets warmer.

2. What kind of energy makes things warmer?
 - a) sound
 - b) light
 - c) heat

3. What is energy?
 - a) It is something that can cause matter to move or change.
 - b) It is to move back and forth very quickly.
 - c) It is anything that takes up space and has mass.

4. What is sound energy?
 - a) It is energy that lets you see.
 - b) It is a kind of energy that makes things warmer.
 - c) It is energy you can hear.

5. What is light energy?
 - a) It is energy that lets you see.
 - b) It is a kind of energy that makes things warmer.
 - c) It is energy you can hear.

6. What is heat energy?
 - a) It is energy that lets you see.
 - b) It is a kind of energy that makes things warmer.
 - c) It is energy you can hear.

7. What is vibration?

- a) It is how loud or soft a sound is.
- b) It is to move something back and forth very quickly.
- c) It is how high or low a sound is.

8. Which word tells how loud or soft a sound is?

- a) loudness
- b) pitch
- c) vibration

9. What happens when you take away heat from something?

- a) It gets cooler.
- b) It gets warmer.

10. Choose the effect of the cause. If you add light to anything

- a) things look dimmer
- b) things look brighter

11. A whistle makes a sound with a high pitch.

- a) True
- b) False

12. A big drum makes a sound with a low pitch.

- a) False
- b) True

13. What type of energy is produced when you strike a drum?

- a) light
- b) heat
- c) sound

14. The color of the water and rocks looks bright in low light.

- a) False
- b) True

15. What is the relationship between energy and sound volume?

- a) More energy results in softer sounds.
- b) More energy results in louder sounds.
- c) Energy has no effect on sound volume.