

GRACE CHRISTIAN SCHOOL INC,

SCIENCE EXAMINATION

HEAT & LIGHT ENERGY

Choose the correct answer.

1. A material that does not allow light to pass through.
a. transparent b. translucent c. opaque
2. A material that allows much light to pass through.
a. transparent b. translucent c. opaque
3. A material that allows a small light to pass through.
a. transparent b. translucent c. opaque
4. Light travels in a straight line called ____.
a. shine b. rays
5. A natural source of heat and light.
a. sun b. moon
6. When light is absorbed, it transform into ____.
a. heat b. shadow
7. Light that bounces off material.
a. shadow b. reflected c. refracted
8. A transparent object specially shaped to control light is a ____.
a. glass b. prism c. shape
9. Measuring how fast particles of matter move means measuring its ____.
a. hotness b. coldness c. temperature
10. When light rays pass on two different objects along the same direction, it can be ____.
a. shadow b. reflected c. refracted

SOUND ENERGY

Choose the correct answer.

1. produced by slow vibration

- a. high pitch
- b. low pitch

2. produced by fast vibration

- a. high pitch
- b. low pitch

3. people's ability to produce sound

- a. sign language
- b. talking
- c. hearing

4. people who cannot hear use this form of communication

- a. sign language
- b. talking
- c. hearing

5. a reflected sound

- a. waves
- b. echo
- c. rays

6. Energy produced by a vibrating object.

- a. heat
- b. light
- c. sound

7. How sound travels?

- a. vibration
- b. echo
- c. wave

8. using an echo to find something

- a. vibration
- b. echolocation
- c. wave

9. the highness and lowness of sound

- a. volume
- b. pitch

10. the loudness and softness of sound

- a. volume
- b. pitch