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Answer the questions to the best of your ability by CIRCLING the best answer.

1. The bending of light as it passes from one medium to another is called \_\_\_\_\_\_\_\_\_\_\_\_.

a. reflection b. detection c. refraction d. investigation

2. Thermal energy flows from \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_ until a balance is reached.

a. cold to cold b. cold to hot c. hot to hot d. hot to cold

3. The frequency of a sound wave is called its \_\_\_\_\_\_\_\_\_\_\_\_\_.

a. pitch b. vibration c. catch d. note

4. Sound travels in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. pathways b. circles c. rays d. waves

5. All of the following are good insulators EXCEPT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. pot holder b. carpet c. copper pot d. winter coat

6. A pathway for electricity to follow is called a \_\_\_\_\_\_\_\_\_\_\_.

a. road b. circuit c. vibration d. pattern

7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy is stored energy or energy of position.

a. kinetic b. conservation c. potential d. motion

8. Energy cannot be created or destroyed, it only changes \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 a. direction b. shape c. color d. form

9. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the most energy efficient light bulb.

a. incandescent b. halogen c. compact fluorescent (CFL) d. all are the same

10. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_ easily transfers thermal energy between two solid objects.

a. conductor b. insulator c. barrier d. wall