

## Light and Sound Review

Use your notes to help you answer the following review questions for your test on Light and Sound.

1. Define energy.

2. How is **white light** created?

3. How does light travel?

4. Explain the difference between specular reflection and diffuse reflection.

5. What is the difference between natural and artificial light? Give 3 examples of each kind of light source.

6. Explain how sound is created and how it travels.

7. Explain the difference between sound waves hitting hard surfaces vs. soft surfaces.

8. Draw and label the electromagnetic spectrum of light.

9. What are the properties of light?

10. What are the properties of sound?

11. What is the difference between transparent, translucent, and opaque?