

Name \_\_\_\_\_ Date \_\_\_\_\_

**VOCABULARY** Academic Words Use with textbook page 20.

Read the paragraph below. Pay attention to the underlined academic words.

Like heat, light is a form of energy. Objects reflect light, which makes them visible to our eyes. Our eyes interpret different wavelengths of light as colors. Light can travel through some objects. For example, clear glass can transmit light. Some objects, such as mirrors, reflect light in a special way so that you see a virtual image.

Match each word with its definition.

Example: \_\_\_\_\_<sup>e</sup> virtual

\_\_\_\_\_ 1. visible

\_\_\_\_\_ 2. energy

\_\_\_\_\_ 3. transmit

\_\_\_\_\_ 4. interpret

a. usable power

b. explain or decide what something means

c. able to be seen

d. pass something through

e. able to be seen but not real

Use the academic words from the exercise above to complete the sentences.

Example: Heat is a form of \_\_\_\_\_ *energy* \_\_\_\_\_.

5. Your mind can \_\_\_\_\_ different wavelengths of light as different colors.

6. Large objects are \_\_\_\_\_ even from far away.

7. The painting shows a \_\_\_\_\_ image.

8. You can't \_\_\_\_\_ light through stone or brick.

Complete the sentences with your own ideas.

Example: Your brain interprets wavelengths of light as \_\_\_\_\_ *colors* \_\_\_\_\_.

9. A \_\_\_\_\_ and a \_\_\_\_\_ are visible from where I'm sitting.

10. \_\_\_\_\_ is a form of energy.

