

Name \_\_\_\_\_

**Day  
1**

**Weekly Question**

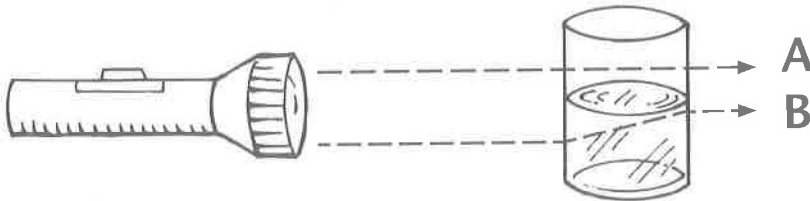
**Why does a straw look bent in a glass of water?**

Our eyes work by gathering light. If you can see an object, that means light rays are traveling from that object toward your eyes. But sometimes light passes through something else that **refracts** the rays, or bends them, before they reach your eyes. For example, light can't pass from air through water in a straight line. When light hits water, it gets refracted.

**Vocabulary**

**refract**  
to bend

**A.** The diagram below shows how light refracts. Study it and then answer the questions.



1. Which ray is being refracted, A or B? \_\_\_\_\_

2. Which ray does not change its path? Why? \_\_\_\_\_

\_\_\_\_\_

**B.** Fill in the bubble next to each correct answer.

1. The word **refract** means to \_\_\_\_\_.

- (A) pass through                      (C) block
- (B) bend                                      (D) bounce back

2. Our eyes help us see by \_\_\_\_\_ light.

- (A) producing                      (C) gathering
- (B) separating                      (D) shutting out