

Workbook

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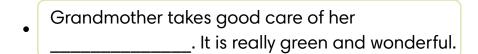
BROKEN CHOPSTICK

UOCABULARY PRACTICE

Match and write.

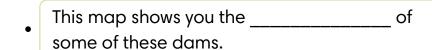


enter





refracts





lawn

Make sure you call Aunt Sally before you her house.



position

The pencils look funny because water _____ light.

(B) Choose the correct words.

1. We have to hurry, or we won't _____ through the airport security in time.

- a. clear
- b. pass
- c. think
- 2. After her illness, Suzie was _____ thinner.
 - a. slightly
- b. slowly
- c. widely

3. You can light a fire from _____ light passing a magnifying glass.

a. tired

- b. reflected
- c. focused

4. Please _____, or we'll have an accident.

- a. steam up
- b. bring in
- c. slow down

COMPREHENSION PRACTICE

Read the following passage and choose the correct answers.

Why is this? Light changed direction when it entered the water. ① When the light reflected from the chopstick hit our eyes, it looked like the chopstick was in a different position. ② It makes things look bigger. ③ So the chopstick looked wider, too.

- 1. Why did it look like the chopstick was in a different position?
 - a. The chopstick looked wider.
 - b. The light changed direction when it entered the water.
 - c. The water changed direction when the chopstick hit it.
- 2. What is the best place for the sentence below?

Refracted light is focused.

a. 1)

- b. ②
- 3. What does position mean in the passage?
 - a. place
- b. density
- c. height

SUMMARY

Complete the summary. One word is not used.

drives

enters

liaht

refracts

slightly

slows

straight

wider

When a car drives along a road and suddenly moves onto a lawn, its speed changes.				
The same happens with 1.	. When light passes through different			
materials, it changes its speed. When it passes through water, light 2				
down because water is denser than air. W	hen light 3 water, the water			
4 the light, and it change	s direction. In our experiment, we looked at a			
chopstick in an empty cup. It looked 5	When we put water into the cup			
the chopstick looked bent and 6	wider. This is because light changed			
direction when it entered the water. When the light hit our eyes, it looked as if the				
chopstick was 7 and in a	different position, because refracted light			
is focused.				