Reflection and refraction

1. Read and choose the correct option.

A



B



1. The mirror in picture A is...
   a. transparent. b. opaque.
2. In picture A, the light bounces off the mirror and...
   a. changes direction. b. goes in the same direction.
3. In picture B, the surface of the water is...
   a. rough. b. smooth.
4. In picture B, ... the light bounces off the water and changes direction.
   a. only some of b. most of
5. In picture B, the reflection is...
   a. very clear. b. not clear.

2. Complete the text about refraction.

bends *position* *refraction* *smaller* *water*

When light passes from one material to another, for example, from air to **(a)** _____, it **(b)** _____ or changes direction. This is called **(c)** _____. Things can appear bigger or **(d)** _____, or in a different **(e)** _____, like the spoon in this photo.



3. Write reflection or refraction.

A



_____

B



_____

C



_____

LIVEWORKSHEETS