

PART 1: Refraction (Bending THROUGH Water)

1. When a pencil is placed in a cup of water, it looks bent or broken.
Why does the light bend?

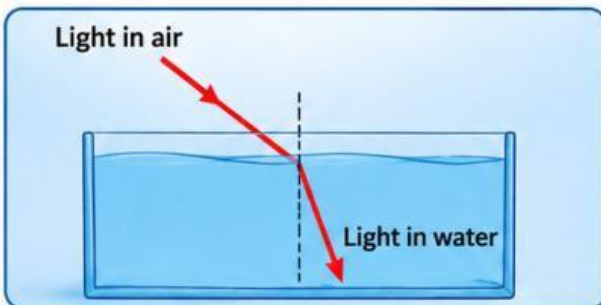
- ☐ A. Light changes SPEED when it enters water.
☐ B. Water is blue.



The pencil looks bent!

PART 2: Matching Wave Behaviors

Draw a line to match each picture with the correct wave behavior.



DIFFRACTION

(Bending AROUND an obstacle)

REFRACTION

(Bending THROUGH a medium)