How we see colors

Support LAL-MAL

NAME: **CLASS: 7/**

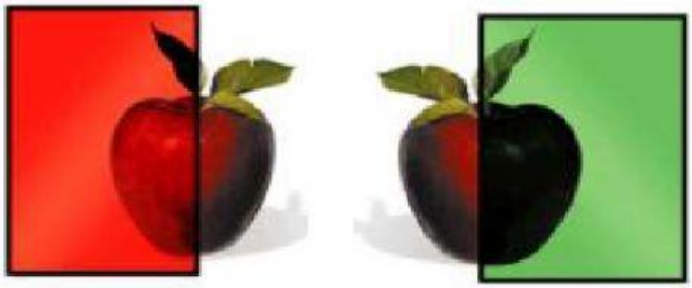
Q1: Observe the following objects and choose the correct answers:

Object	Type of material	Color	Reason

Q2: Choose the correct answer:

Color	Wavelength
violet	380–450 nm
blue	450–495 nm
green	495–570 nm
yellow	570–590 nm
orange	590–620 nm
red	620–750 nm

1. **The light of the shortest wavelength is:**
   a. Violet
   b. Red
   c. Green
2. **The light of the lowest frequency is:**
   a. Red
   b. Blue
   c. Violet
3. **Air particles slows down the sun rays, so light rays:**
   a. bend toward the Earth's surface
   b. bend away from the Earth's surface
   c. pass without refraction
4. **Each wavelength is a particular……**
   a. Amplitude b. Color c. Frequency
5. **Light ……is defined as amount of energy thar passes through a meter square in one second**
   a. Frequency b. Wavelength c. Intensity

Q3: Look and explain:

MAL: Why does the apple appear red in the right picture, while appears black in the left one?