







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:

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. Lightis defined as amount of energy thar passes through a meter square in one second

- a. Frequency
- b. Wavelength
- c. Intensity

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

Q3: Look and explain:

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

