

Why is the Sky Blue?

Name: _____

Date: _____

1. How can you see all the colors found within white light?
 - A. By looking at white light through a magnifying glass
 - B. By looking at white light through a telescope
 - C. By looking at white light through a prism
 - D. By looking at white light through a microscope

2. Light waves of which color light have long, stretched out wavelengths?
 - A. Blue light
 - B. Yellow light
 - C. Purple light
 - D. Red light

3. Light waves of which color light have short, choppy wavelengths?
 - A. Blue
 - B. Yellow
 - C. Purple
 - D. Red

4. When sunlight reaches Earth's atmosphere, what causes the light to scatter?
 - A. wind
 - B. rain
 - C. air pressure
 - D. gas molecules

5. What color light waves are scattered the most?
 - A. Blue
 - B. Yellow
 - C. Purple
 - D. Red