

Name: _____ Date: _____

Blue Sky and Rainbows Multiple Choice Questions

Circle the correct answer.

1. When Earth is viewed from space it appears

- a. Red
- b. Yellow
- c. Blue
- d. Green

2. What colors have the shortest wavelengths?

- a. Shades of blue and purple
- b. Shades of green
- c. Shades of red
- d. Shades of orange

3. Visible light

- a. Can be seen by the human eye
- b. Is in the range 400 to 700 nanometers
- c. Is the source of the color spectrum
- d. All of the above

4. The sky appears blue because light interacts with

- a. Water droplets in the atmosphere
- b. Molecules of gases in the atmosphere
- c. The parts of outer space that humans see
- d. All of the above

5. A rainbow produces the color spectrum similar to a

- a. Microscope
- b. Telescope
- c. Prism
- d. All of the above

6. When someone sees a rainbow

- a. The arc is always the same for every rainbow
- b. The sun is behind them
- c. Both a. and b. above
- d. None of the above