

Name _____ Date _____ Hour _____

Energy In Earth's Atmosphere

Chapter 2 Section 1
Direct Text Q & A

Directions: Read pages 36-39 in your text. Write your answer to each question in a complete sentence. Put the page number where you found the answer next to your sentence.

1. Which color of visible light has the longest wavelengths?

2. What is the greenhouse effect?

3. List and describe the three forms of radiation from the sun.

4. What happens to most of the sunlight that reaches Earth?

5. What percentage of incoming sunlight is reflected by clouds, dust, and gases in the atmosphere? _____ What percentage is reflected by the surface of the Earth back to the atmosphere? _____

6. Why are sunsets red?

7. What happens to the energy from the sun that is absorbed by Earth's surface?

8. How might conditions on Earth be different without the greenhouse effect?
