

Unit 11 Section 2 Study Guide

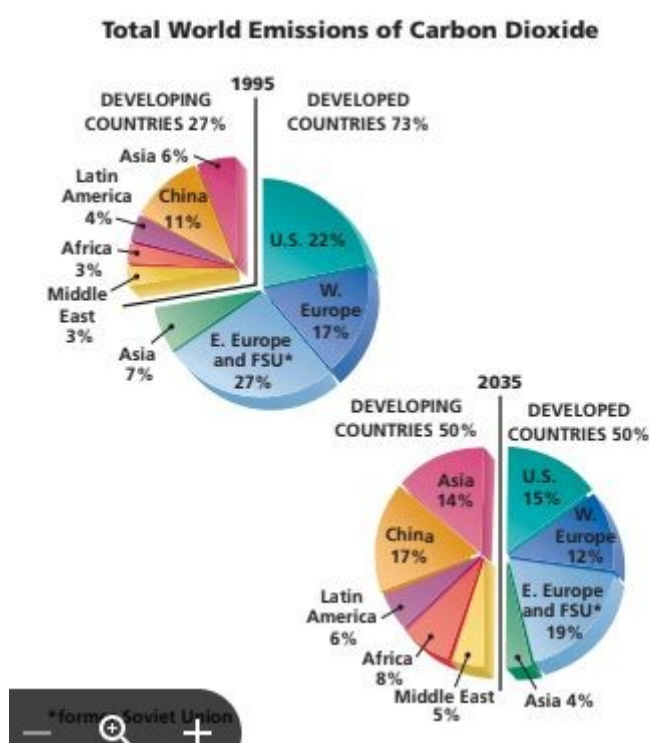
Directions: Answer the following questions.

Reviewing Objectives Part 1:

1. Explain the natural mechanism of the greenhouse effect including comparisons of the major greenhouse gases (water vapor, carbon dioxide, methane, nitrous oxide, and ozone). Pages: 558, 644, 646, 649
2. Compare and contrast the heat trapping mechanisms of the major greenhouse gases resulting from emissions (carbon dioxide, methane, nitrous oxide, fluorocarbons) as well as their abundance and heat trapping capacity. Pages: 558, 644, 646, 649

Reviewing Major Concepts Part 2: Chapter 25

The pie graphs below show world emissions of carbon dioxide, CO₂, in 1995 and predict emissions in 2035. Use these graphs to answer the questions that follow.



28. In 1995, which country or region emitted the most CO₂? Which emitted the least CO₂?
29. What percentage of the total CO₂ was emitted by developing countries in 1995?
30. Why do you think researchers predict that CO₂ emissions by developing countries will equal that of developed countries by 2035?