Reviewing Places & Terms

A. Briefly explain the importance of each of the following.
   1. chernozem
   2. Ural Mountains
   3. Eurasia
   4. Transcaucasia
   5. Central Asia
   6. Siberia
   7. continentality
   8. taiga
   9. runoff
   10. Trans-Siberian Railroad

B. Answer the questions about vocabulary in complete sentences.
   11. What is the name of the region crossed by the Trans-Siberian Railroad?
   12. Which region is located south of the Caucasus Mountains?
   13. What is chernozem and where is it found?
   14. How can runoff affect the environment?
   15. What are the five republics located in Central Asia?
   16. Why are the Ural Mountains important for geographers?
   17. What is the name of the non-European part of Russia?
   18. Which vegetation region allows Russia to boast one-fifth of the world’s timber resources?
   19. Why do Russia and the Republics receive limited precipitation?
   20. Which landmass is named after the continents of Asia and Europe?

Main Ideas

Landforms and Resources (pp. 345–349)
   1. What facts could you provide to give an idea of the enormous size of Russia and the Republics?
   2. How does the tilt of the West Siberian Plain affect the region’s physical geography?
   3. How is the region’s use of its resources affected by climate?

Climate and Vegetation (pp. 350–352)
   4. What are major influences on the region’s climate?
   5. How does latitude affect the type of vegetation found in Russia’s forests?
   6. Where is the steppe located in Russia and the Republics?

Human-Environment Interaction (pp. 353–357)
   7. What effect have irrigation projects had on the Aral Sea?
   8. How has the shrinking of the Aral Sea affected public health in the surrounding region?
   9. What factors contribute to the formation of swamps in Siberia, and how do the swamps affect people living in the region?
  10. How long did it take to complete the main line of the Trans-Siberian Railway?
Critical Thinking

1. Using Your Notes
Use your completed chart to answer these questions.

<table>
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<th>Landforms</th>
<th>Resources</th>
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a. Which region contains a large number of volcanoes?
b. Who was “General Winter”?

2. Geographic Themes

a. **HUMAN-ENVIRONMENT INTERACTION** How has Siberia’s climate affected transportation in the region?
b. **MOVEMENT** What impact did the Trans-Siberian Railway have on Russia’s population?

3. Identifying Themes
What factor might explain why Russia and the Republics receive relatively little precipitation and frequently experience extreme temperatures? Which of the five themes applies to this situation?

4. Determining Cause and Effect
What is a major factor contributing to the large subtropical climate zone in Transcaucasia?

5. Drawing Conclusions
Given what you have read about the dependency of Central Asian farmers on the water from the Amu Darya and Syr Darya rivers, how likely do you think it is that the Aral Sea will eventually recover?

Geographic Skills: Interpreting Maps

**Mineral Resources and Pollution**
Use the map to answer the following questions.

1. **REGION** This map shows how close mining sites are to polluted areas. Why might the two be related?
2. **MOVEMENT** How might locating a mining site near a river affect the spread of pollution?
3. **PLACE** Why might the areas around Moscow and St. Petersburg be polluted even though there seem to be few mining sites nearby?

**GeoActivity**
Do more research on mining pollution’s impact on public health in one area of the region. Use presentation software to share your results.

**INTERNET ACTIVITY**
Use the links at classzone.com to do research on Siberia. Focus on how people cope with the region’s low temperatures. For example, investigate the kinds of clothing people wear or how they move about in the winter.

**Writing About Geography** Write a report of your findings. Include photos or illustrations that visually present information about life in the region. List the Web sites that you used in preparing your report.