

Mapping Lab: Europe and Russia

MAKING A MENTAL MAP

1. Look at the unfinished outline map of Europe on the next page. Then draw and label these features where you think they are located:
 - the prime meridian
 - the British Isles, Spain and Portugal, and Italy
 - political boundaries for any other countries you think you know
 - the ocean that lies west of this region and the large body of water that lies south of this region
 - any European cities you think you know
2. Look at the outline map of Russia on the next page. Then draw and label these features where you think they are located:
 - the Arctic Circle
 - the ocean that lies north of this region
 - any area(s) that you think have a cold, polar climate
 - any Russian cities you think you know
3. Revise this mental map at the end of the Mapping Lab. Follow these steps to analyze your mental map:
 - Use one color to highlight or circle at least three details that were correct or fairly accurate.
 - Use another to highlight or circle at least three details that were inaccurate. Correct those items.
 - Use a third to add at least three new items.
 - At least one item should represent information about physical geography, and at least one should represent information about human geography.

Europe



Russia



PHYSICAL GEOGRAPHY

1. Read the Introduction to Physical Geography of the region.

Write some questions you have about physical geography of this region. As you read through the sections on the physical geography, come back here to add more questions.

2. Read the sections on physical geography. After you read each section:

- find the matching thematic map in the table.
- write two or more sentences in the reading with information represented in the map.

Section	Map	Two or more sentences graphically represented on the map
Physical Features	Physical Geography Map	
Climate	Climate Map	
Vegetation	Vegetation Map	

HUMAN GEOGRAPHY

1. Read the Introduction to Human Geography of the region.

Write some questions you have about human geography of this region. As you read through the sections on the human geography, come back here to add more questions.

2. Read the sections on human geography. After you read each section:

- find the matching thematic map or graphic in the table.
- write two or more sentences in the reading with information represented in the map.

Section	Map/Graphic	Two or more sentences graphically represented on the map
History	Timeline	
Population	Population Density Map	
Economic Activity	Economic Activity Map	

GEOGRAPHY CHALLENGE 1

Part A: Locate Physical Features of Europe and Russia

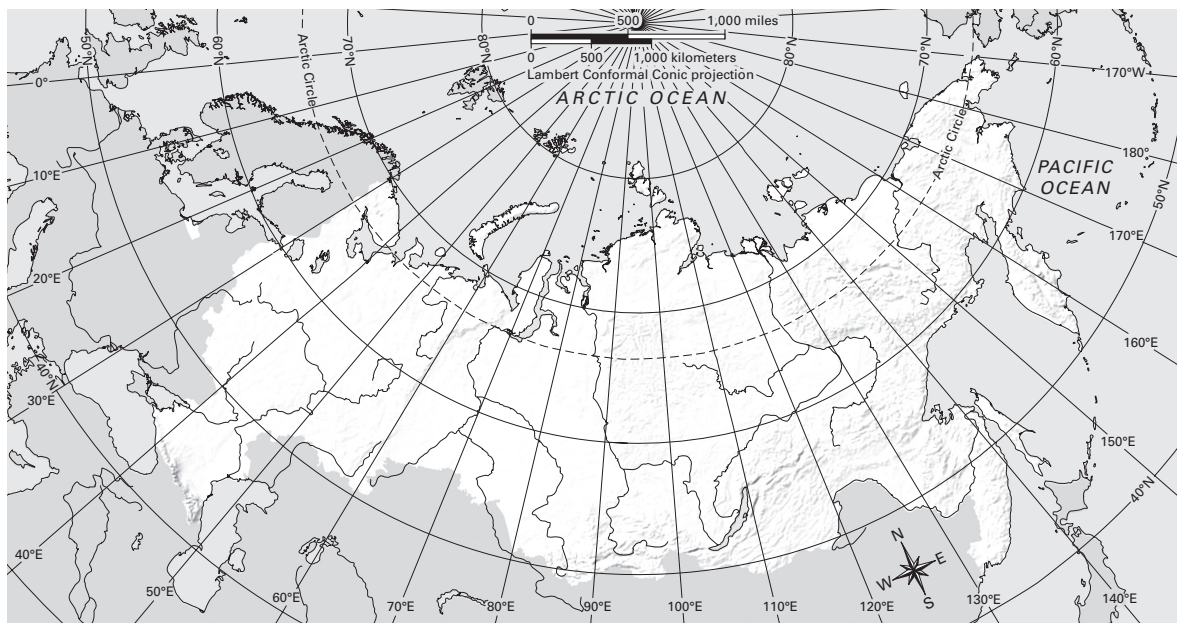
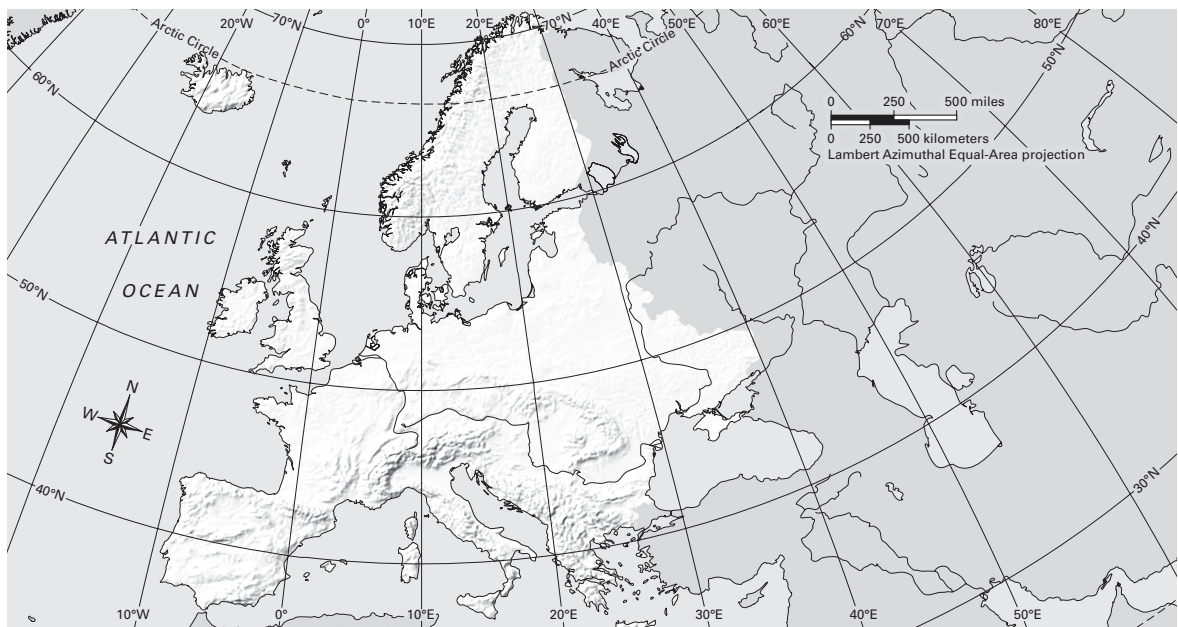
Use the coordinates to locate and label each feature. Make sure it is clear where each feature is.

Europe

1. Northern European Plain (55°N, 25°E)
2. Iberian Peninsula (40°N, 5°W)
3. Danube River (45°N, 20°E)
4. Apennines (43°N, 13°E)
5. Black Sea (43°N, 35°E)

Russia

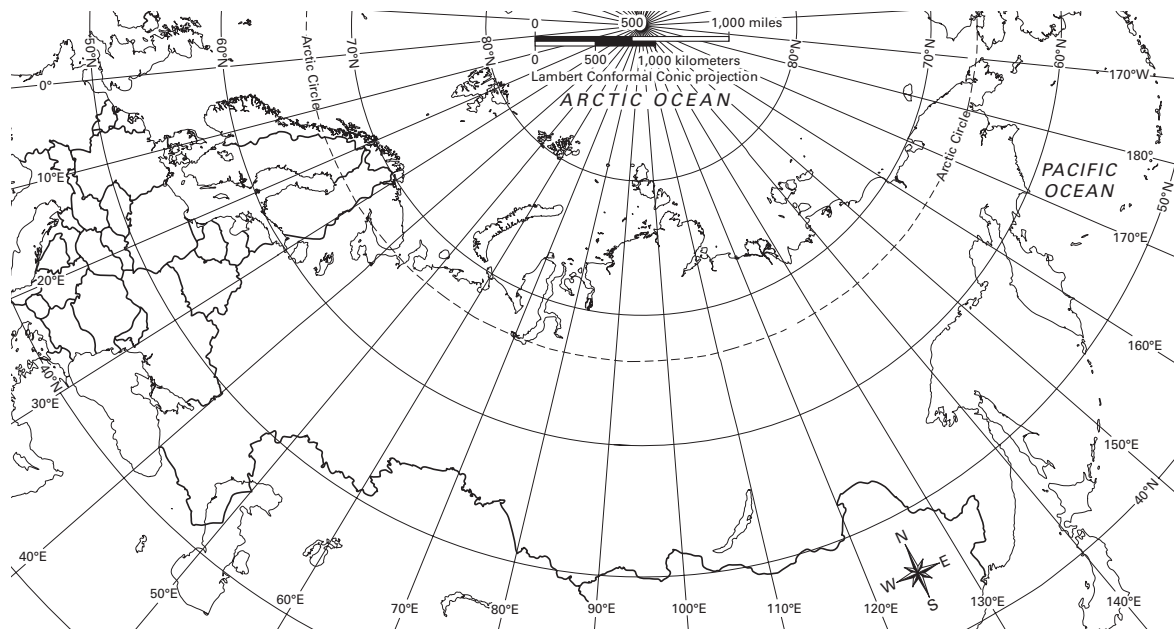
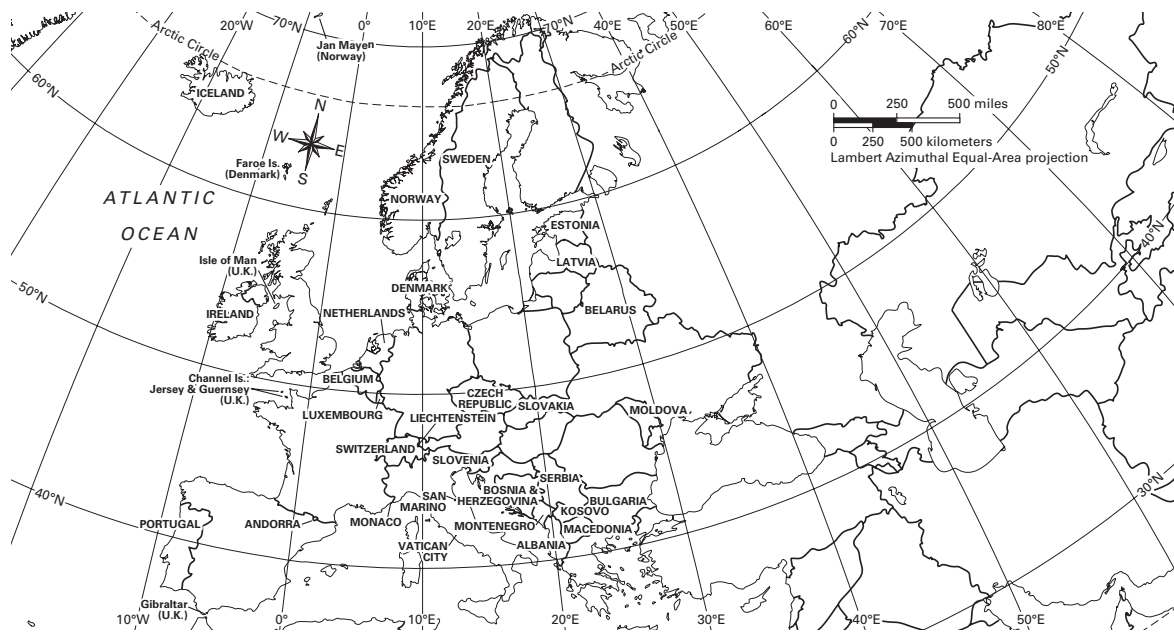
6. Central Siberian Plateau (65°N, 100°E)
7. Kamchatka Peninsula (55°N, 160°E)
8. Lake Baikal (53°N, 108°E)
9. Ob River (62°N, 65°E)
10. Caucasus Mountains (43°N, 45°E)



Part B: Locate Countries of Europe and Russia

Use the coordinates to locate and label each place. Make sure it is clear where each country is.

- | | |
|-------------------------|--------------------------------|
| 1. Croatia (45°N, 15°E) | 6. Italy (45°N, 10°E) |
| 2. Finland (65°N, 25°E) | 7. Poland (52°N, 20°E) |
| 3. France (45°N, 3°E) | 8. Russia (60°N, 90°E) |
| 4. Greece (40°N, 22°E) | 9. Ukraine (50°N, 30°E) |
| 5. Hungary (47°N, 20°E) | 10. United Kingdom (52°N, 2°W) |



GEOGRAPHY CHALLENGE 2

Use the thematic maps to answer the questions. For each question,

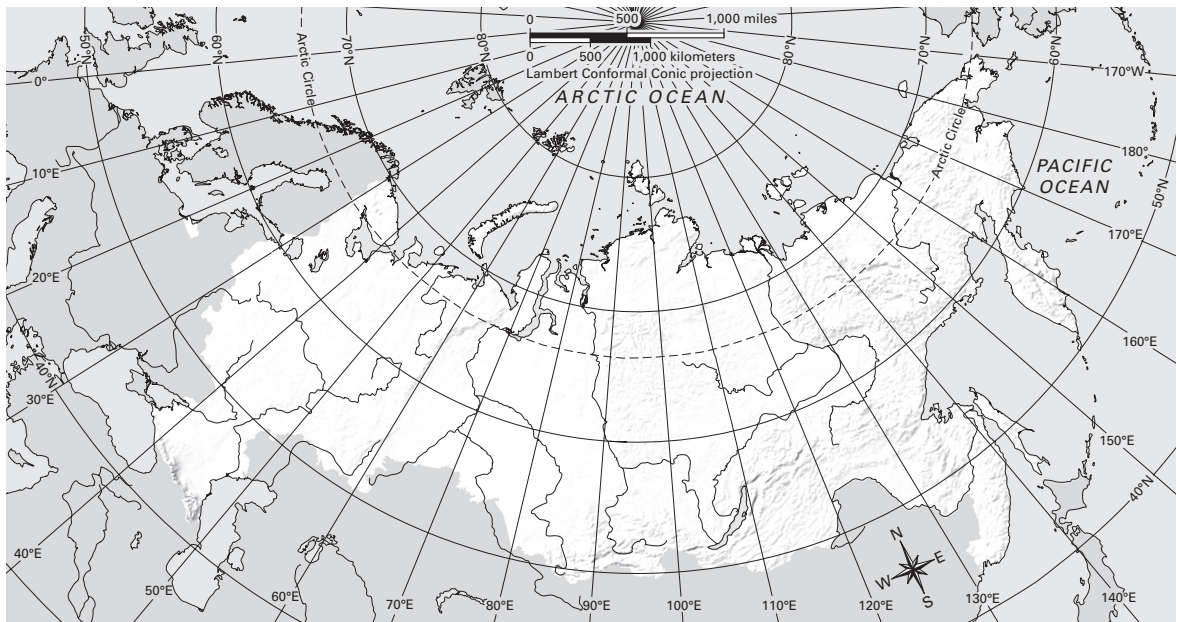
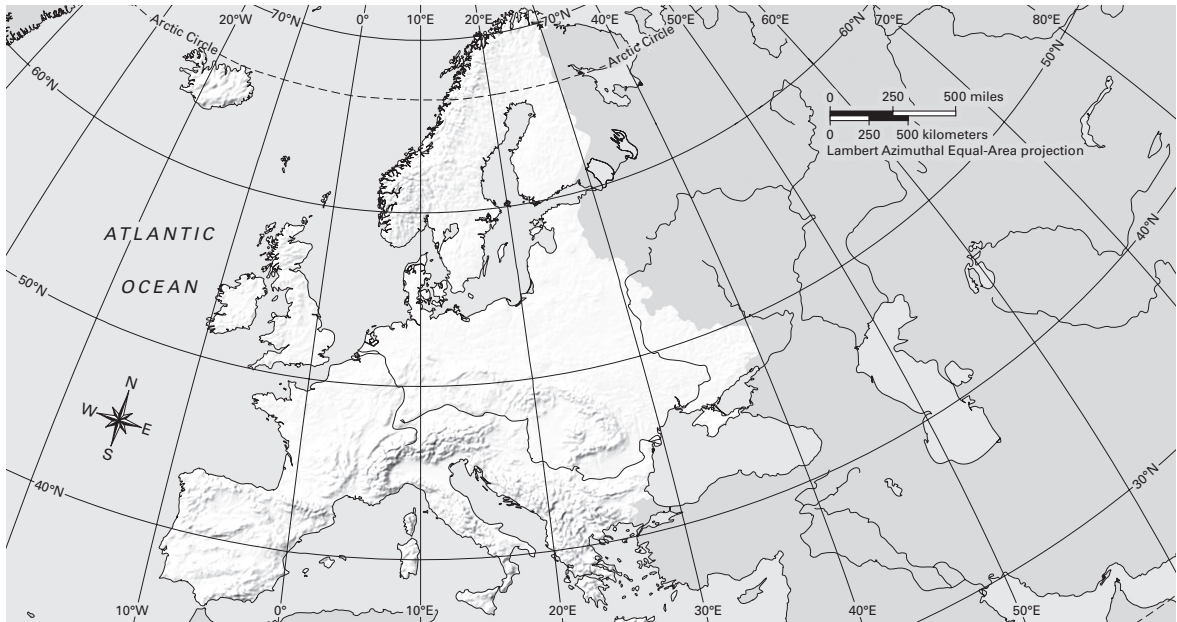
- write your answer.
- record the thematic maps you used.

Question	Answer	Maps Used
1. What climate is most common above 70°N latitude? What countries have this climate?		
2. What is the most common resource found in Russia east of 90°E?		
3. What highly populated city of Europe lies on the prime meridian?		
4. Which four countries in Europe have the lowest overall population density?		
5. What kind of vegetation is common in the countries around the Mediterranean Sea? Name three countries that have this vegetation type.		

Question	Answer	Maps Used
<p>6. What is the most common type of climate in Europe? Name five countries that have only this climate type.</p>		
<p>7. What river runs through the center of Hungary, into Serbia, and then runs along the border between Romania and Bulgaria?</p>		
<p>8. Find a single longitude line in Russia where there is a cluster of minerals, including iron, precious metals, coal, and petroleum. What degree of longitude is it? What physical feature might explain this cluster, and why?</p>		
<p>9. What is the main economic activity in Poland, Belarus, Lithuania, Latvia, and Estonia? How might the climates there explain why this is the main activity? How might the physical features of the land help explain it?</p>		
<p>10. In which European city does this man most likely live? Why do you think so? "I am from a city of over 4 million people. I work in a plant where we manufacture handbags. Most of my friends work in manufacturing, too. I like to climb in the mountains not far from my home. I also love driving to the Mediterranean seashore for the weekend. The climate where I live is great, because winters are mild with just a little rain."</p>		

GEOGRAPHY CHALLENGE 3

1. Mark locations A, B, and C on the map.
 - Location A (66° north, 25° east)
 - Location B (57° north, 22° east)
 - Location C (67° north, 79° east)



2. Use the thematic maps to write as much information as possible about the three locations.

Thematic Map	Location A (66° north, 25° east)	Location B (57° north, 22° east)	Location C (67° north, 79° east)
Physical Features			
Climate Zones			
Vegetation Zones			
Population Density			
Economic Activity			