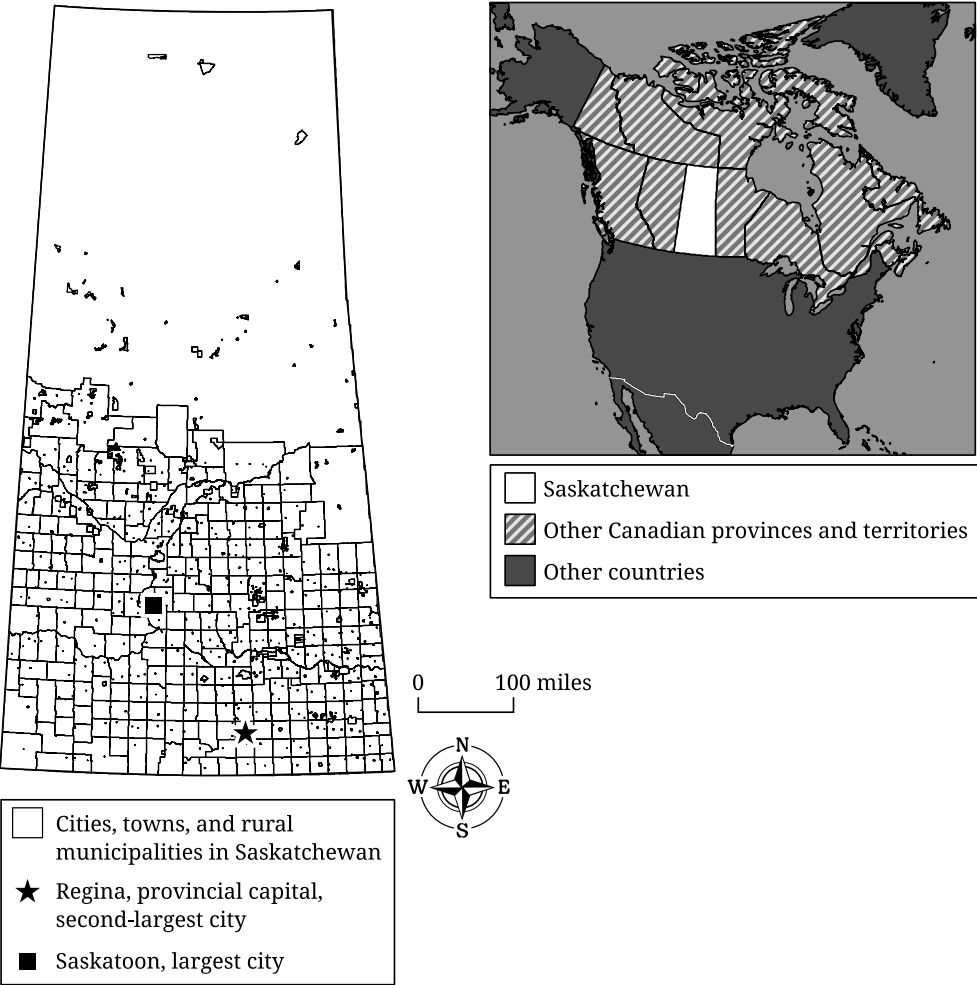
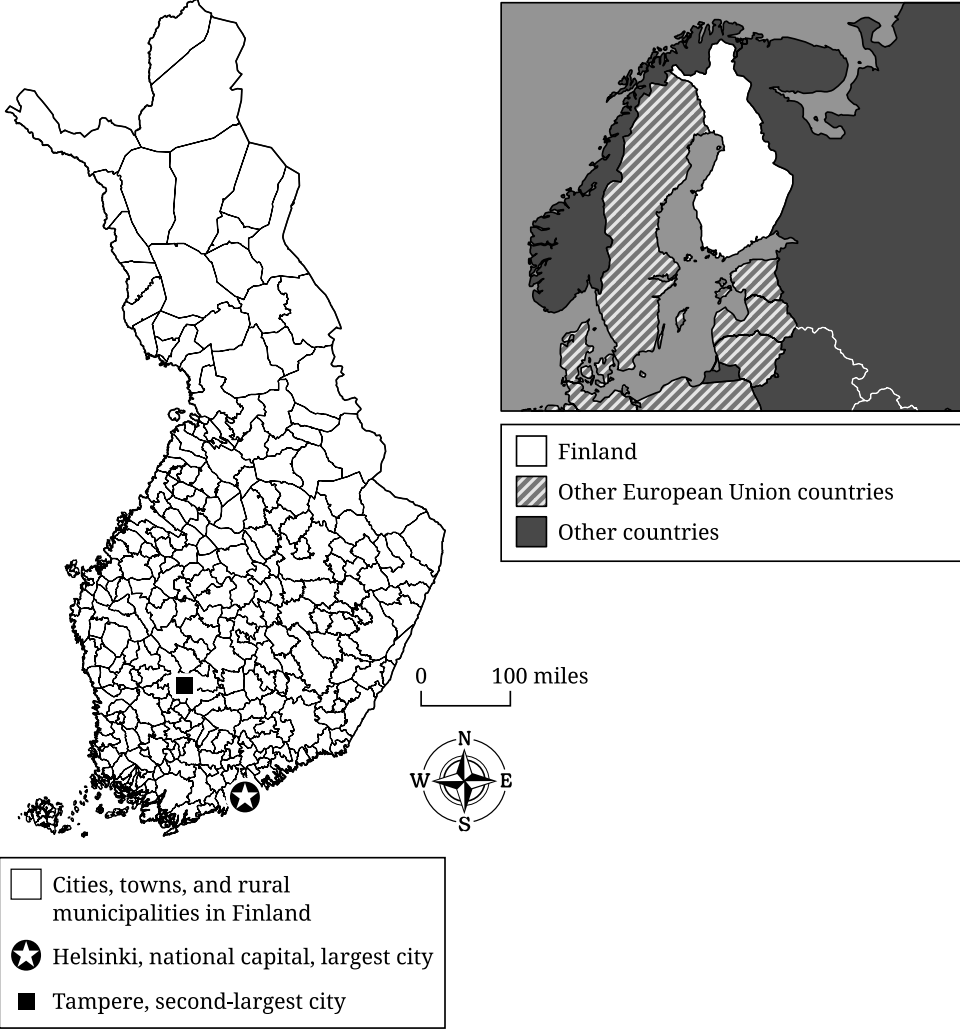


Map 1: Political Divisions in Saskatchewan, Canada



Source: Statistics Canada

Map 2: Political Divisions in Finland



Source: ESRI Data Partners

3. The two maps show political boundaries in Saskatchewan, Canada, and in Finland. Both Finland and Saskatchewan are home to populations of indigenous peoples with a significant amount of political autonomy. Finland is a member state of the European Union.

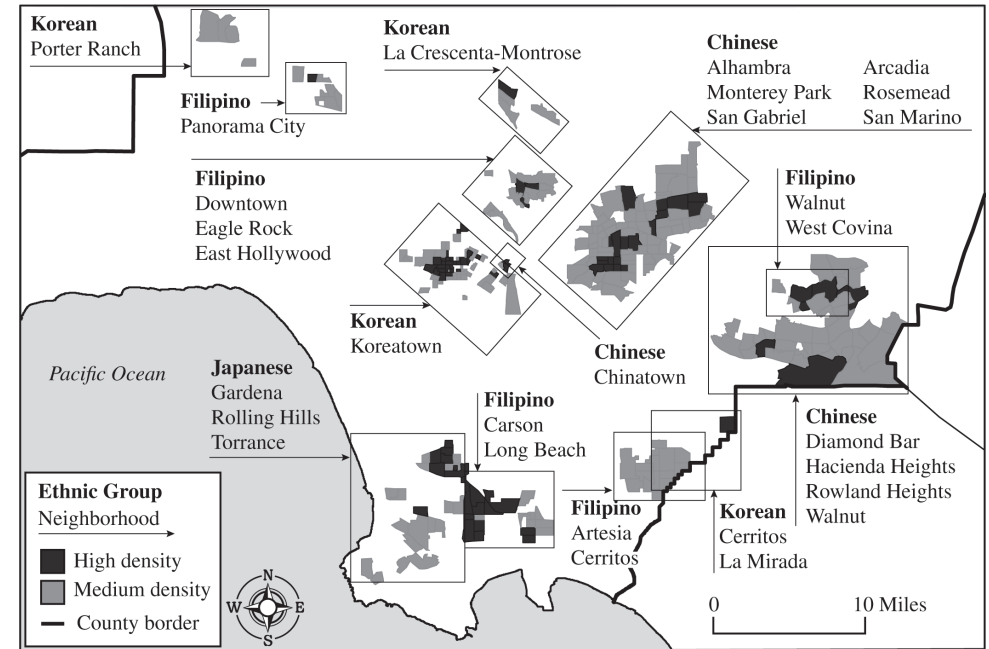
Respond to parts A, B, C, D, E, F, and G.

- Identify the scale of analysis used for Finland's political divisions in Map 2.
- Define geometric boundaries as shown in Map 1.
- Describe one function of internal boundaries.
- Explain how the spatial organization of a country such as Canada is affected by a federal system of governance.
- Explain how the supranational organization shown in Map 2 may limit the actions of Finland as a member state.
- Describe one characteristic of a cultural landscape that may reflect cultural beliefs and identities.
- Explain how communication technologies may affect the cultural patterns of indigenous languages.

**STOP**  
**END OF EXAM**

## Question 2

### Selected Asian Ethnic Neighborhoods in Los Angeles County, California



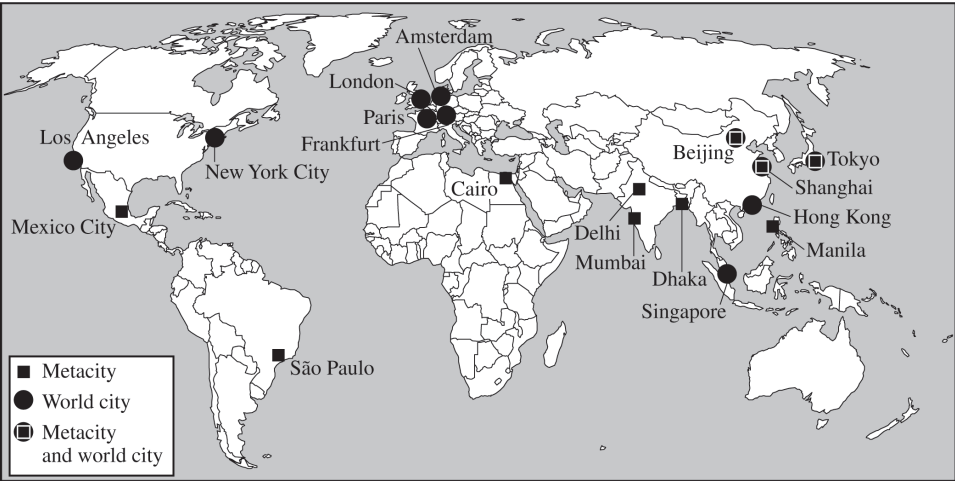
Source: United States Census Bureau

2. The map shows predominantly Asian ethnic neighborhoods in Los Angeles County, California. The names of the neighborhoods and the densities of the ethnic groups are identified on the map.
- Identify ONE neighborhood labeled on the map where two or more Asian ethnic groups reside.
  - Describe the spatial pattern of Chinese ethnic neighborhoods labeled on the map.
  - Explain ONE way immigrants may choose to assimilate into their new place of residence.
  - Explain ONE way immigrants may preserve their ethnic traditions in their new place of residence.
  - Describe ONE way that ethnic neighborhoods may contribute to a sense of place in large metropolitan areas such as Los Angeles.
  - Explain how the process of redistricting may be used to decrease an ethnic community's political power.
  - Explain how the process of redistricting may be used to increase an ethnic community's political power.

Begin your response to this question at the top of a new page in the separate Free Response booklet and fill in the appropriate circle at the top of each page to indicate the question number.

Question 3

Metacities and Top-Tier World Cities, 2020



Source: United Nations

Selected Cities

| Urban Area    | Population, 2000 | Population, 2020 | Population Growth, 2000 to 2020 | City GDP per Capita, 2020 | Country GDP per Capita, 2020 |
|---------------|------------------|------------------|---------------------------------|---------------------------|------------------------------|
| Cairo         | 13.6 million     | 20.9 million     | 54%                             | \$4,865                   | \$3,609                      |
| Dhaka         | 10.3 million     | 21.0 million     | 104%                            | \$7,920                   | \$2,001                      |
| New York City | 17.9 million     | 18.8 million     | 5%                              | \$86,615                  | \$63,529                     |
| Paris         | 9.7 million      | 11.0 million     | 13%                             | \$71,346                  | \$39,180                     |

Note: Values are estimates based on publicly available data.

2. The map shows political jurisdictions and Metrorail, a subway system in the Washington, D.C., metropolitan area. The city and county jurisdictions shown on the map operate the Washington Metropolitan Area Transit Authority (WMATA), which runs Metrorail.
- A. Identify ONE type of boundary shown on the map.
  - B. Describe ONE site characteristic of Washington, D.C., shown on the map.
  - C. Explain how political power is spatially distributed within a federal system of governance.
  - D. Explain ONE way suburban sprawl is likely to negatively affect environmental sustainability in metropolitan areas.
  - E. Describe ONE way transportation-oriented development, such as expanding a Metrorail line, may promote urban sustainability.
  - F. Explain how regional transportation networks led to the development of edge cities.
  - G. Explain how the geographic fragmentation of local governments could present a challenge to the Washington, D.C., metropolitan area’s ability to construct a new Metrorail line.

Begin your response to this question at the top of a new page in the separate Free Response booklet and fill in the appropriate circle at the top of each page to indicate the question number.

**HUMAN GEOGRAPHY****SECTION II****Time—1 hour and 15 minutes****3 Questions**

**Directions:** You have 1 hour and 15 minutes to answer all three of the following questions. It is recommended that you spend approximately one-third of your time (25 minutes) on each question. It is suggested that you take up to 5 minutes of this time to plan and outline each answer. You may plan your answers in this orange booklet, but no credit will be given for anything written in this booklet. **You will only earn credit for what you write in the separate Free Response booklet.**

**Question 1**

1. Political geographers analyze territoriality and sovereignty at a variety of scales, including regional, state, substate regional, and local.
  - A. Define the concept of territoriality in terms of political geography.
  - B. Describe the concept of sovereignty as it relates to the state.
  - C. Compare ONE difference in territorial organization between the governments of unitary states and the governments of federal states.
  - D. Recently, the United Kingdom decided to withdraw from the European Union. Explain ONE possible reason why sovereignty would play a role in the United Kingdom's decision to withdraw from the European Union.
  - E. During the United Kingdom's withdrawal from the European Union, some people in Scotland proposed independence from the United Kingdom. Explain ONE possible reason why territoriality would play a role in the devolution of a state.
  - F. Local governments often divide cities into representative electoral districts. Explain how the process of redrawing district boundary lines may affect election results within a city.
  - G. Explain why neighboring local governments may face challenges in providing transportation services to residents of a rapidly growing metropolitan area.

---

**Begin your response to this question at the top of a new page in the separate Free Response booklet and fill in the appropriate circle at the top of each page to indicate the question number.**