

Question 3: Two Stimuli**7 points**

A (Point 1)	Identify the scale of analysis used for Finland's political divisions in Map 2. Acceptable identification: A1. Local scale (e.g., city, town, rural municipality) or subnational scale.	1 point
B (Point 2)	Define geometric boundaries as shown in Map 1. Examples of acceptable responses may include the following: - B1. Border lines on a map (two-dimensional plane) that are straight, angled, and/or curved to form a geometric shape (e.g., straight line, square, rectangle, circle, other polygons). - B2. A boundary or border drawn based on lines of latitude and longitude, a grid system, and/or a township and range system (baselines and meridians). - B3. Boundary lines drawn without regard to the physical or cultural landscape.	1 point
C (Point 3)	Describe one function of internal boundaries. Examples of acceptable responses may include the following: - C1. Internal boundaries define the limits of sovereignty or government control between one subnational region and another. - C2. Internal boundaries delimit or unify different types of subnational regions (e.g., voting districts, states, provinces, territories, special administrative regions, autonomous zones). - C3. Internal boundaries can unify or separate distinct ethnic, cultural, or national groups. - C4. Internal boundaries can delineate, divide, or fragment zones of public infrastructure and/or local government (e.g., water districts, school districts, voting districts). - C5. Internal boundaries can reflect, preserve, or reduce cultural, linguistic, or historical identities. - C6. Internal boundaries can prevent, resolve, or exacerbate conflicts. - C7. Internal boundaries can facilitate or hinder the collection or analysis of data. - C8. Internal boundaries can facilitate or hinder the management, protection, or distribution of natural resources or ecosystems.	1 point

D (Point 4)	Explain how the spatial organization of a country such as Canada is affected by a federal system of governance. Examples of acceptable responses may include the following: - D1. Federal systems of governance affect the spatial organization of a country by creating locally based, dispersed power centers (e.g., subnational state or provincial capitals). - D2. Countries with a federal system of governance are typically organized into subnational units (e.g., autonomous regions, semiautonomous regions) and/or have regional capitals that may help reduce centrifugal forces and/or limit ethnic separatism. - D3. Federal systems tend to divide large amounts of land area into subnational divisions that may be difficult to govern from a centralized or single capital. - D4. Federal systems tend to divide multicultural countries into subnational divisions based on cultural differences (e.g., ethnic, religious, and/or linguistic diversity) that may be difficult to govern from a centralized or single capital.	1 point
E (Point 5)	Explain how the supranational organization shown in Map 2 may limit the actions of Finland as a member state. Examples of acceptable responses may include the following: - E1. The EU may enact international laws or policies that limit the economic actions of Finland or other member states (e.g., reducing or eliminating trade barriers, introducing a common currency, regulating industry). - E2. The EU may implement international laws or policies that limit the political actions of Finland or other member states (e.g., requiring common border policies, observing elections, sharing a common foreign policy). - E3. By joining the EU, Finland has agreed to allow the EU government to make laws and regulations on behalf of Finland and the other member states.	1 point
F (Point 6)	Describe one characteristic of a cultural landscape that may reflect cultural beliefs and identities. Examples of acceptable responses may include the following: - F1. Art, music, toponyms, clothing, architecture, and/or evidence of sequent occupance may indicate elements of a culture or cultures. - F2. Religion, language, social institutions, and/or systems of governance may be based on a culture or cultures. - F3. Land use, land survey patterns, agriculture, resource use (e.g., hunting, fishing, crafts), and/or trade may indicate the practices of a culture or cultures. - F4. Foods, social interactions, holidays, and/or festivals are based on or have elements of a culture or cultures. - F5. Attitudes towards ethnicity or gender (e.g., the role of women in the workforce) may help shape the use of space in a given society.	1 point

G (Point 7)	Explain how communication technologies may affect the cultural patterns of indigenous languages. Examples of acceptable responses may include the following: - G1. Communication technologies (e.g., the Internet) may encourage members of indigenous communities to adopt more commonly used languages (e.g., English), resulting in indigenous language loss. - G2. Language loss may occur due to cultural convergence, which is accelerated by the use of communication technologies. - G3. Communication technologies may increase the availability of indigenous language resources (e.g., via websites, apps, social media), resulting in language preservation. - G4. Communication technologies may be used to increase awareness of indigenous identity issues, which may result in language preservation. - G5. Limited access or cultural resistance (e.g., reliance on oral tradition) to communication technologies can restrict or prevent significant changes in the cultural patterns of indigenous languages.	1 point
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Question 2: One Stimulus**7 points**

(A)	Identify ONE neighborhood labeled on the map where two or more Asian ethnic groups reside. Accept one of the following: A1. Walnut, Cerritos, Chinatown, or Koreatown	1 point
(B)	Describe the spatial pattern of Chinese ethnic neighborhoods labeled on the map. Accept one of the following: - B1. The neighborhoods are clustered inland and/or away from the coast. - B2. The neighborhoods are clustered in the eastern or northeastern portion. - B3. The neighborhoods are in areas east of the Los Angeles central business district (CBD). - B4. The neighborhoods are aligned along an east-west axis.	1 point
(C)	Explain ONE way immigrants may choose to assimilate into their new place of residence. Accept one of the following: - C1. Immigrants may adopt culture traits (e.g., language, food, clothing, religion, music, sport) of the majority population group. - C2. Immigrants may change, hide, and/or abandon aspects of their own culture (e.g., language, food, clothing, religion, music, sport). - C3. Immigrants may achieve entry into social and economic networks (e.g., schools, workplaces, business associations, attaining citizenship). - C4. Immigrants may settle in non-ethnic neighborhoods rather than in ethnic neighborhoods and/or ethnic enclaves.	1 point

(D) Explain ONE way immigrants may preserve their ethnic traditions in their new place of residence. 1 point

Accept one of the following:

- D1. By engaging in placemaking using aspects of their traditional culture (e.g., architecture, toponyms, signage) to establish a sense of place.
- D2. By continuing to celebrate and/or practice their ethnic traditions (e.g., traditional holidays, ethnic or traditional food, native languages, traditional clothing).
- D3. By creating or engaging with local institutions that promote their culture (e.g., schools, arts centers, religious groups, language learning centers, business associations, markets, organizations).
- D4. By seeking legal or other formal recognition and/or adoption of their traditions by the majority population (e.g., language taught in schools, bilingual social services, recognition of holidays).
- D5. By encouraging social relationships and/or connecting with those who share the same ethnic traditions in different places (e.g., ethnic neighborhoods, enclaves, on social media, country of origin).

(E) Describe ONE way that ethnic neighborhoods may contribute to a sense of place in large metropolitan areas such as Los Angeles. 1 point

Accept one of the following:

- E1. Ethnic neighborhoods exhibit names (e.g., toponyms), signs, sounds (e.g., language, music), symbols (e.g., religious, cultural, political), art, architecture, and/or foods typical of that ethnicity.
- E2. Ethnic neighborhoods create a distinct cultural landscape that is different from surrounding areas.
- E3. Ethnic neighborhoods often contain distinctive cultural institutions (e.g., places of worship), traditions, celebrations, retail shopping, and/or restaurants.
- E4. People may form perceptions, mental maps, or emotional attachments to ethnic neighborhoods based on the distinct culture traits or cultural events in that area.

(F) Explain how the process of redistricting may be used to decrease an ethnic community's political power. 1 point

Accept one of the following:

- F1. Redistricting or gerrymandering may negatively affect ethnic groups if the districts are redrawn to minimize the number of ethnic group voters in that area.
- F2. Redistricting or gerrymandering may be used to reduce the representation and/or the political power of that community by dividing (e.g., cracking) an ethnic area into two or more voting districts.
- F3. Redistricting or gerrymandering may be used to limit the representation and/or political power of those ethnic groups and/or allow a greater number of surrounding districts the chance to be won by the party in power by combining (e.g., packing, stacking) two or more ethnic areas into one voting district.
- F4. Redistricting or gerrymandering could result in a candidate from the ethnic community being geographically eliminated from running in that district, reducing the community's representation.
- F5. Redistricting or gerrymandering may intentionally decrease voting access or participation because of the changing boundaries of the districts.

(G) Explain how the process of redistricting may be used to increase an ethnic community's political power. 1 point

Accept one of the following:

- G1. Redistricting or gerrymandering may be used to empower ethnic groups if the districts are redrawn to maximize the number of ethnic group voters in that area.
- G2. Redistricting or gerrymandering may be used to increase the ethnic group's representation and/or political power by dividing (e.g., cracking) a non-ethnic group majority area into two or more voting districts.
- G3. Redistricting or gerrymandering may be used to limit representation and/or political power of the non-ethnic majority by combining (e.g., packing, stacking) two or more majority group areas into one district.
- G4. Redistricting or gerrymandering may be used to increase ethnic communities' political power by creating and/or recognizing majority-minority districts.
- G5. Redistricting or gerrymandering may be used to better represent ethnic communities' interests and/or increase voter participation by aligning district boundaries with ethnic areas.

Total for question 2: 7 points

Question 2: One Stimulus**7 points****(A) Identify ONE type of boundary shown on the map.****1 point**

Accept one of the following:

- A1. Political boundary (e.g., state, district, county)
- A2. Physical or natural boundary (e.g., the Potomac River)
- A3. Geometric boundary (e.g., District of Columbia, Arlington County)
- A4. Relict boundary (e.g., Arlington County was once part of the District of Columbia)
- A5. Superimposed boundary (e.g., District of Columbia)
- A6. Consequent boundary (e.g., Potomac River between the District of Columbia and Virginia)
- A7. Antecedent boundary (e.g., colonial-era boundaries)
- A8. Subsequent boundary (e.g., District of Columbia carved out of already existing Maryland and/or Virginia)

(B) Describe ONE site characteristic of Washington, D.C., shown on the map.**1 point**

Accept one of the following:

- B1. Washington, D.C., is located along the Potomac River and/or the Anacostia River.
- B2. Washington, D.C., is at the confluence or intersection of the Potomac River and the Anacostia River.
- B3. Washington, D.C., is at the intersection of the coastal plain and the Piedmont (foothills) or on the fall line.
- B4. Washington, D.C., is located in an area with a tidal estuary, a peninsula, freshwater streams, wetlands, fertile soils, low-lying areas, and/or tidal flats.

(C) Explain how political power is spatially distributed within a federal system of governance.**1 point**

Accept one of the following:

- C1. Power is dispersed or shared between the central, sub-national, and/or local governments.
- C2. Most federal systems have capital districts (e.g., Washington, D.C., Brasília) or locations (e.g., courts, military bases) where some government functions are centralized and also sub-national (state, provincial, departmental) capitals where local or regional political functions are dispersed.

(D) Explain ONE way suburban sprawl is likely to negatively affect environmental sustainability in metropolitan areas.**1 point**

Accept one of the following:

- D1. Development related to sprawl (e.g., construction, transportation, utilities) can lead to increased air or water pollution.
- D2. Land cover change related to sprawl (e.g., deforestation) can lead to the loss or fragmentation of habitats, water pollution, and/or decreased biodiversity.
- D3. Expansion of transportation networks related to sprawl can lead to more pollution and/or warmer climates (e.g., traffic, congestion, urban heat islands, inefficient energy use).
- D4. Development related to sprawl can inhibit the use of land for local food production, open space, conservation, greenbelts, or preservation efforts.

(E) Describe ONE way transportation-oriented development, such as expanding a Metrorail line, may promote urban sustainability.**1 point**

Accept one of the following:

- E1. By promoting walkability, livability, more efficient land use (e.g., fewer roadways, reduction in impermeable surfaces), and/or reductions in pollution.
- E2. By reducing the number of cars, resulting in decreased air and/or noise pollution.
- E3. By reducing the ecological footprint (e.g., reduced carbon footprint, reduced energy use) of the city.
- E4. Heavily trafficked and/or accessible transit stops may become places of mixed-use development.
- E5. Additional transit stops can reduce commuting distances or travel times to work and/or to other service locations.
- E6. Commuting can be more economically sustainable than car travel (e.g., cost of car ownership, fuel, maintenance, insurance, parking).

(F) Explain how regional transportation networks led to the development of edge cities.**1 point**

Accept one of the following:

- F1. Transportation enabled commercial land use to decentralize (move away) from city centers.
- F2. Edge cities formed near major highway intersections or transit stations because those developments needed to be accessible to workers and/or consumers.
- F3. By providing access to services or office locations for the people who live, work, and/or shop there.
- F4. Transportation provides access to lower-cost land away from the city center (bid rent theory).

- (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. 1 point

Accept one of the following:

- G1. Construction could be challenging because it would involve multiple governments to fund, plan, zone, and/or cooperate.
- G2. Local governments could disagree with the federal government about where to construct a new Metro line.
- G3. Construction could be challenging because parts of the new Metro line might not fall clearly under the jurisdiction of a specific government.
- G4. Having many competing ideas or authorities could make the planning process inefficient and/or make it difficult to determine accountability.
- G5. Local governments could disagree on how to share the costs of construction and/or operational costs of the rail system.
- G6. Local governments could disagree on the location of new stations because development around new Metro stations is a source of tax revenue and/or economic development.

Total for question 2: 7 points

Question 1: No Stimulus 7 points

- (A) Define the concept of territoriality in terms of political geography. 1 point

Accept one of the following:

- A1. Territoriality is the connection of people, their culture, and their economic systems to where they live (can apply to multiple scales).
- A2. Territoriality is the process by which a set of political units with fixed distinct boundaries are created, expanded, annexed, and/or defended.
- A3. Territoriality is the process by which a land area (or land and water) is established under a jurisdiction (e.g., an established or recognized system of governance, or administrative control).

- (B) Describe the concept of sovereignty as it relates to the state. 1 point

Accept one of the following:

- B1. Sovereign states have the right to control what is inside their borders without interference from outside states and entities.
- B2. Sovereign states are recognized by the international community and other foreign entities.
- B3. Sovereign states have the right to defend their borders against invasion by other states.
- B4. Sovereign states have the right to close the borders to immigration.
- B5. Sovereign states have the right to regulate international trade.
- B6. Sovereign states have the right to establish their own government by establishing a constitution and/or system of political representation.
- B7. Sovereign states have the right to enact laws or policies (e.g., the criminal justice code, civil legal code, land ownership system, and/or natural resource management system).
- B8. Sovereign states have the right to establish alliances and recognize foreign states or entities, and/or establish diplomatic relations and embassies in other countries.
- B9. Sovereign states have the right to establish policies (e.g., taxation, appropriations).

- (C) Compare ONE difference in territorial organization between the governments of unitary states and the governments of federal states. 1 point**

Accept one of the following:

- C1. Unitary states tend to have a more top-down form of governance, while federal states have more locally based power centers.
- C2. Unitary states have a single government that expresses power over the entire territory, whereas federal states divide power among regional governments that control a limited portion of territory.
- C3. Unitary states have a centralized system of administration (e.g., law enforcement, natural resource management, infrastructure development), whereas federal states have more dispersed power centers.
- C4. Unitary states tend to have a single system of territorial control, whereas federal states may have multiple types of internal territorial systems based upon each region's culture (e.g., different land survey systems, differing legal systems, different ethnicities).

- (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. 1 point**

Accept one of the following:

- D1. The United Kingdom (UK) left the European Union (EU) because its leaders believed the UK had surrendered too much sovereignty to the supranational government of the EU.
- D2. The free movement of people among the EU member states had increased immigration to the UK resulting in political pressure to limit immigration to the UK, in opposition to existing EU policies.
- D3. The leaders of the UK believed they could form more advantageous trade agreements by working independently from the EU.
- D4. The UK participated in the EU economic policies but never joined the eurozone, maintaining its own currency, the British pound, as a symbol of British identity, and/or source of economic stability or superiority in value as compared to the euro.
- D5. The UK is physically separated from Europe, with a long history of world trade and a strong sense of itself as a world power, and this translated into a weaker sense of being part of/belonging to the EU.

- (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. 1 point**

Accept one of the following:

- E1. People in one region within a state have a connection to the land of the ethnic group, culture, and/or regional identity and believe that they should have autonomy over the region or the right to secede from the state.
- E2. People in one region within a state believe that the leaders in the government or people in other parts of the country (e.g., core or capital) do not respect the people of the region's long history of culture and attachment to the land.
- E3. People in one region within a state believe that the economic policies of the state favor a majority group or another group in power at the expense of their region.
- E4. Many Scots believe that Scotland should have control of foreign policy and defense agreements.
- E5. Many Scots believe that Scotland is both its own country and a part of Europe (or the European Union) at the same time.
- E6. Many Scots believe that trade agreements among EU members will be better for the economy of Scotland if it rejoins the EU.
- E7. Many political leaders desire Scottish independence so that Scotland may have an economy and/or monetary system separate from the rest of the UK.
- E8. Some in Scotland desire an independent state (separate from England, Wales, and Northern Ireland) that still has the British monarch as the titular head of 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.** 1 point

Accept one of the following:

- F1. Redrawing district boundaries may shift the balance of political power among or favor certain political parties, candidates, and/or representative groups (intentionally or unintentionally).
- F2. If the boundaries are drawn in a manner that divides a voting group among several districts, the power of the group is diminished (cracking to decrease power).
- F3. If the boundaries are drawn such that a voting group is concentrated in one district, its political power is increased (packing to increase power) or favors a group that has a higher voter turnout (stacking to increase power).
- F4. If the boundaries are drawn in such a way that a voting group is so overwhelmingly concentrated in one district, then the group may lose the ability to influence power in any surrounding area (packing to decrease power).
- F5. Districts are often redrawn as population changes over time and new lines may create new districts that are different than before, which may mean voters recently added to these districts may be less familiar with issues and candidates in these districts.

- (G) **Explain why neighboring local governments may face challenges in providing transportation services to residents of a rapidly growing metropolitan area.** 1 point

Accept one of the following:

- G1. Local governments that are fragmented, divided, and/or dispersed may find it difficult to agree on transportation services and/or projects.
- G2. Local governments may be completely independent of each other and may not have an official regional or metropolitan forum or interface in which to interact and/or plan for transportation needs.
- G3. Local governments may compete for transportation funding resources from state, province, national, federal, or supranational government sources and may see neighboring governments as opponents and/or competitors for resources.
- G4. Local competitiveness (e.g., local pride, rivalries, or racial, ethnic, and/or economic differences) between neighboring communities may hinder effective cooperation between local governments on transportation planning.
- G5. Disparities in wealth between neighboring local governments dealing with a high volume of commuters coming from other local governments may not have the resources needed to meet the demand for transit infrastructure and/or services.
- G6. Suburban sprawl and the establishment of separate municipalities on the edge of the metropolitan area may increase demand, pressure, and/or traffic flow through communities closer to the city center and/or along major transit corridors.

Total for question 1: 7 points