**Borders, boundaries, and barriers**

**HUMAN**

# GEOGRAPHY from the Esri GeoInquiries™ collection for Human Geography

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| **Audience – Advanced human geography** | **Time required – 15 minutes** |

**Activity Identify major boundaries, borders, and barriers around the world.**

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| **APHG Benchmarks** | **APHG: IV.B2. Evaluate the nature & function of boundaries including types. APHG: IV.B1. Explain the concepts of political power and territoriality.** |
| **Learning Outcomes** | **• Students will learn examples of boundaries, borders, and barriers around the world that exhibit the organization of the earth’s surface as identified through political geography.** |
|  | **Map URL: http://esriurl.com/humanGeoInquiry9** |

**Ask**

**Why are boundaries important? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

ʅ Click the map URL link above to start the map. ʅ Zoom and pan the map to see the entire world.

**?** What types of boundaries are on the earth? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**?** Why do boundaries exist? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Acquire**

**What are examples of the different types of boundaries on the earth?** ʅ With the Details button depressed, click the button, Show Contents of Map. ʅ Click on checkbox to the left of the layer name, World Administrative Divisions.

**?** Zoom in to the continent of Europe.

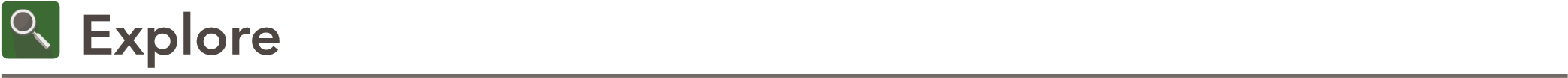
**?** What types of boundaries can be seen? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

ʅ Click a few administrative units to view the data.

ʅ Hover the mouse over the layer name, World Administrative Divisions. Click the three dots and select the option, Transparency. Set transparency to 50%.

**?** Where do you see geometric boundaries? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**?** Where do you see physical boundaries?*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*



**Are borders just boundaries?**

**?** On which boundaries do countries disagree? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

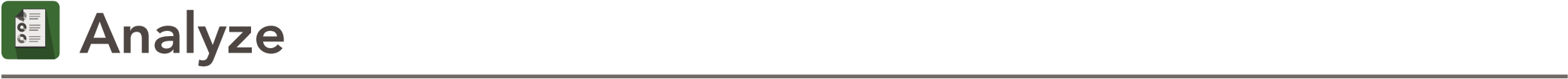
ʅ Filter the data in the World Administrative Divisions layer. Hint: See the tool tip on the bottom of page 2.

ʅ Build the following query from the drop-down lists: Autonomous Is Not Disputed (ensure that the Field option is chosen for the third drop-down list). ʅ Click Apply Filter. If results do not appear, ensure that the map is zoomed in enough that the layer name appears in dark text.

**?** What changed on the map? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**?** Where are most of the disputed boundaries of the world located? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

ʅ Turn off the layer, World Administrative Divisions. more



**What other types of boundaries and borders exist on the earth?** ʅ Click the button, Basemap. Select the basemap, Imagery with Labels. ʅ Click the button, Bookmark. Choose Badaling, Beijing, China.

**?** What barrier do you see? How was this boundary useful for the time when it was built? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

ʅ Click the Republic of Chile bookmark.

**?** What type of border can be found here? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ʅ Observe the border of Chile with Peru, Bolivia, and Argentina.

**?** What are the advantages and disadvantages of this border? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ʅ Click the North and South Korea bookmark.

**?** What type of boundary is between these two countries? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Act**

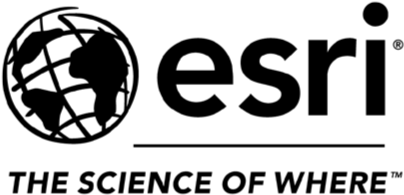
**How can borders change?** ʅ Investigate the boundary of Western Sahara and Morocco.

**?** What would happen if Morocco controlled the entire region? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**?** What natural, cultural, or political factors can affect boundaries? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**?** How have trade and globalization affected borders and boundaries of countries around the world? *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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