

Map Clues of New York

Use physical and thematic maps to explore New York State.

4.1a "Physical and thematic maps can be used to explore New York State's diverse geography."

NAME _____

DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline facts about physical maps, circle facts about thematic maps, and number two sentences that show a relationship between land and climate or vegetation.

Reading New York Maps

- ① New York State has coastlines, rivers, lakes, mountains, and plateaus. A physical map shows natural land and water features. On one physical map, blue lines trace the Hudson River and the St. Lawrence River. Blue areas show Lake Erie, Lake Ontario, the Atlantic Ocean, and Long Island Sound. Brown or shaded areas can show the Adirondack Mountains and the Appalachian Plateau. These features help people locate different kinds of land and water.
- ② A thematic map focuses on one topic. A climate map may use colors to show that northern mountain areas are usually cooler than low areas near New York City. A vegetation map may show forests, farms, or wetlands. In the Adirondack Mountains, cooler conditions and higher land support many evergreen forests. On parts of the plateau, map readers may see forest and farm vegetation.
- ③ Comparing maps helps readers ask how land affects climate and plants. First, find a place or feature on the physical map. Next, look at the same area on a climate or vegetation map. For example, mountains may match cooler climate colors, while low river valleys may show different vegetation. A map key explains what each color, line, or symbol means, so readers can use maps carefully.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Which kind of map would help you find the Hudson River, and why?

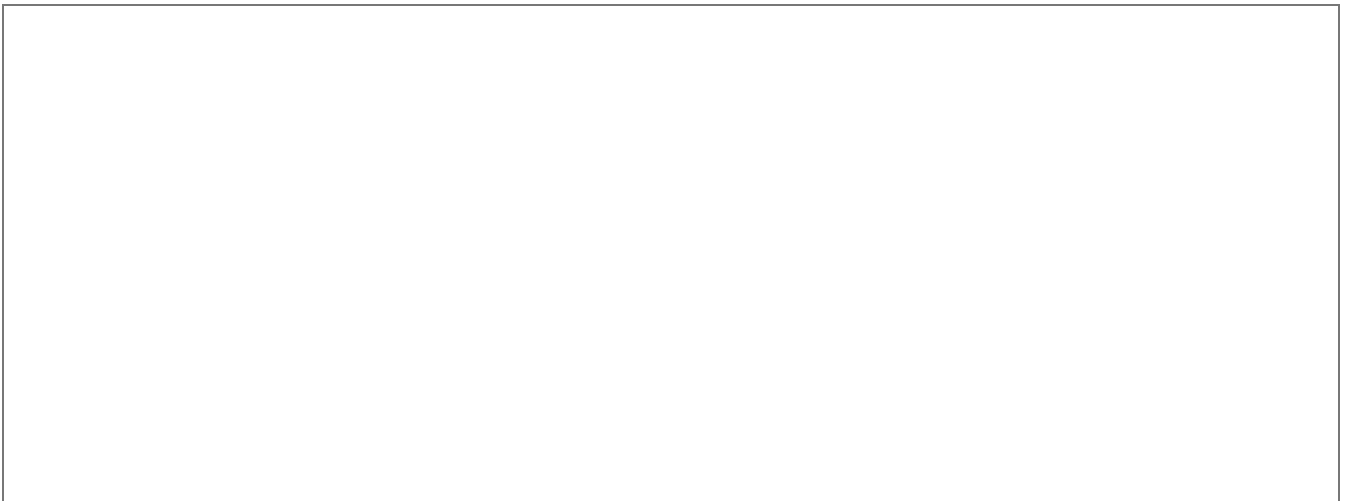
2 What is one topic a thematic map can show? Give one example from the passage.

3 What physical feature and vegetation are connected in the Adirondack Mountains?

4 How can a map key help you compare maps?

3 YOUR TURN _____ Your own words

Choose one place or physical feature named in the passage. In the box, draw a two-symbol map key that could help show that place on a physical map and on a climate or vegetation map. Then write two sentences explaining what your symbols show.



PART 1 • READ AND MARK

Underline facts about physical maps, circle facts about thematic maps, and number two sentences that show a relationship between land and climate or vegetation. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Which kind of map would help you find the Hudson River, and why?	A physical map, because it shows natural water features such as rivers.
2	What is one topic a thematic map can show? Give one example from the passage.	A thematic map can show climate or vegetation. For example, a climate map can show cooler northern mountain areas.
3	What physical feature and vegetation are connected in the Adirondack Mountains?	Higher land in the Adirondack Mountains is connected with many evergreen forests.
4	How can a map key help you compare maps?	A map key explains the meaning of each color, line, or symbol.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Key: triangles = Adirondack Mountains; pine tree = evergreen forest. The triangles show high land in the Adirondack Mountains. The pine tree shows evergreen forest vegetation in that area.

Accept any place or feature named in the passage with two clear, labeled symbols, one for a physical feature and one for climate or vegetation. The two sentences should accurately explain how the symbols help a reader compare the maps.