

Name: _____

Surface Processes

Date: _____ Period: _____

Earth Science

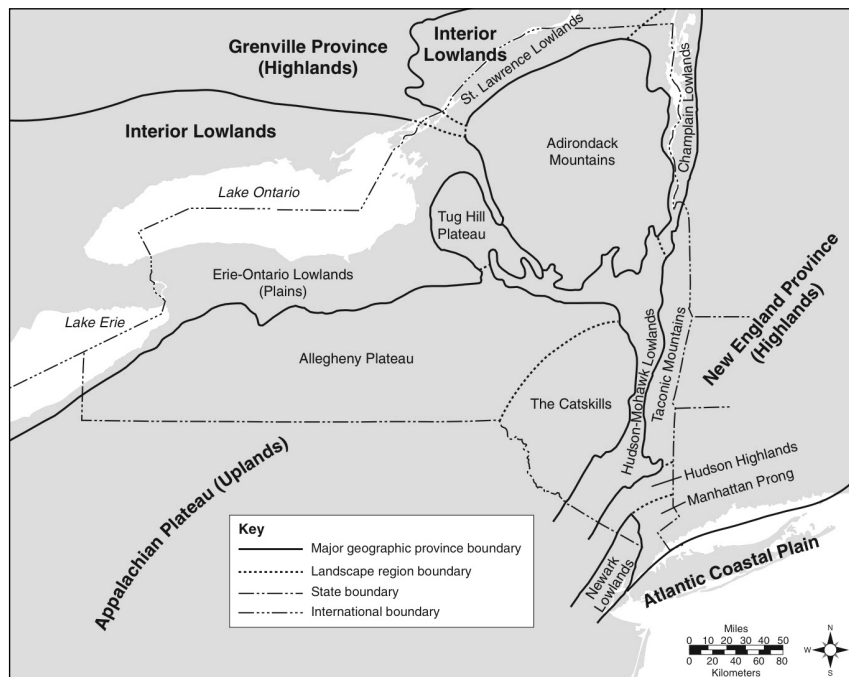
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CLASS NOTES

- New York State contains many different landscape regions characterized by different elevations and various rock types
 - High Elevations: _____
 - Medium Elevations: _____
 - Low Elevations: _____
- Atlantic Coastal Plain - landscape region formed during the Cretaceous and Pleistocene
 - Composition: _____
 - Elevation: _____
- Manhattan Prong - landscape region formed during the Cambrian and Ordovician
 - Composition: _____
 - Elevation: _____
- Hudson Highlands/Taconic Mountains - landscape region formed during the middle of the Proterozoic
 - Composition: _____
 - Elevation: _____
- Hudson / Mohawk Lowlands - landscape region formed during the Ordovician
 - Composition: _____
 - Elevation: _____
- Adirondack Mountains - landscape region formed during the middle of the Proterozoic Cambrian
 - Composition: _____
 - Elevation: _____

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- Tug Hill Plateau - landscape region formed during the Ordovician
 - Composition: _____
 - Elevation: _____
- Erie-Ontario Lowlands - landscape region formed during the Silurian
 - Composition: _____
 - Elevation: _____
- St. Lawrence Lowlands - landscape region formed during the Ordovician and Cambrian
 - Composition: _____
 - Elevation: _____
- Allegheny Plateau / Catskills - landscape region formed during the Devonian
 - Composition: _____
 - Elevation: _____



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PART I QUESTIONS: MULTIPLE CHOICE

1. The Catskills are part of which landscape region?
 - a. plateau
 - b. coastal lowland
 - c. mountain
 - d. plain
2. The major landscape regions of the United States are identified chiefly on the basis of
 - a. similar surface characteristics
 - b. similar climatic conditions
 - c. nearness to continental boundaries
 - d. nearness to major mountain regions
3. Which New York State landscape region has the lowest elevation.
 - a. Atlantic Coastal Plain
 - b. Adirondack Mountains
 - c. Allegheny Plateau
 - d. Tug Hill Plateau
 - e. Triassic Lowlands
4. The boundaries between landscape regions are usually indicated by sharp changes in
 - a. stream discharge rate and direction of flow
 - b. weathering rate and method of deposition
 - c. soil associations and geologic age
 - d. bedrock structure and elevation
5. Landscape regions are generally determined by
 - a. amount of yearly precipitation
 - b. method of surface sediment deposition
 - c. underlying rock structure and elevation
 - d. amount of stream discharge and direction of flow
6. The Adirondack Mountains landscape region was formed primarily by
 - a. changes in the water levels of the Great Lakes
 - b. mountain building and erosion
 - c. wind erosion in an arid climate
 - d. erosion by the Hudson and Mohawk Rivers
7. Which major landscape region covers the greatest surface area in New York State?
 - a. Atlantic Coastal Plains
 - b. St. Lawrence Lowlands
 - c. Adirondack Mountains
 - d. Tug Hill Plateau