Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude and Longitude Lab

1. You should have a copy of page 3 Generalized Bedrock Geology of New York State Map from the Earth Science Reference Tables.
2. On the Map using a red pencil connect with a straight horizontal line each value of Latitude starting with 41-degree and end at the 45-degree value.
3. This is a bit more difficult

With a horizontal DASHED line connect the 30-minute lines of latitude lines between the whole latitudes lines you drew in step 2. There are marks on the map represented with a small dash (-) or a Plus (+) sign to the side of the map.

1. Using an Orange Pencil connect lines of longitude vertically starting at 73 degrees and ending with 79 degrees.
2. As above, connect the 30-minute marks for longitude with a vertical dashed line in between the longitude lines drawn

Latitudes and Longitude

For the following Locations please list the Latitude and Longitude to the nearest 5 minutes.

|  |  |  |
| --- | --- | --- |
| Slide Mountain |  |  |
| Watertown |  |  |
| Riverhead (Long Island) |  |  |

Measuring distances

Using the scale distance at the bottom right of the map please measure the distances between the cities in miles and kilometers. Use a separate sheet of paper to mark off distances.

|  |  |  |
| --- | --- | --- |
| Cities of New York | Distance in km | Distance in Miles |
| Buffalo and Niagara Falls |  |  |
| Old Forge and Albany |  |  |
| Ithaca to Massena |  |  |
| Buffalo to Rochester |  |  |