

Name: _____

Date: _____ Period: _____

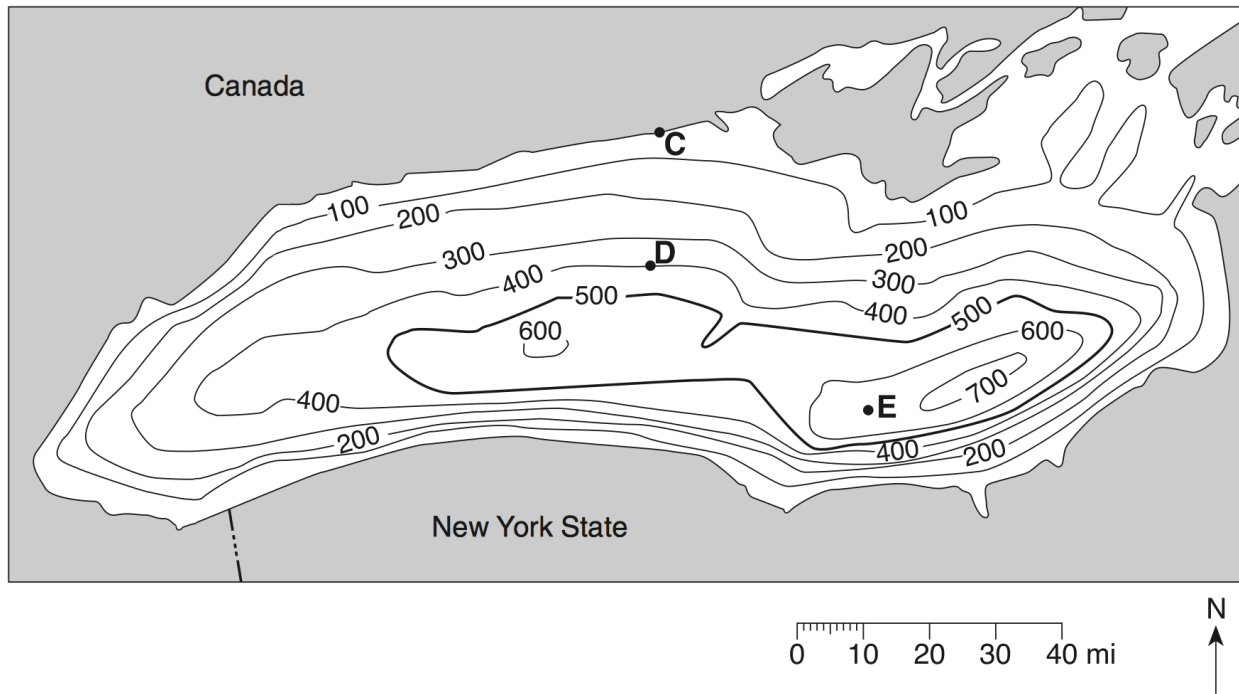
Mapping the Earth

The Physical Setting: Earth Science

Worksheet: Field Maps I

Base your answers to questions 1 through 4 on the field map below and on your knowledge of Earth Science. The map shows the depth of Lake Ontario. Isoline values indicate water depth, in feet. Point C represents a location on the shoreline of Lake Ontario. Points D and E represent locations on the bottom of the lake.

Water Depth of Lake Ontario



1. What is the depth of the water at location D?
 - a. 200 feet
 - b. 300 feet
 - c. 400 feet
 - d. 500 feet
2. What is a possible depth of the water at location E?
 - a. 250 feet
 - b. 450 feet
 - c. 650 feet
 - d. 850 feet
3. What is the highest isoline value on the Water Depth of Lake Ontario map?
 - a. 600 feet
 - b. 700 feet
 - c. 800 feet
 - d. 900 feet
4. Calculate the approximate gradient of the lake bottom between point C and point D.
 - a. 10 ft/mile
 - b. 20 ft/mile
 - c. 30 ft/mile
 - d. 40 ft/mile