Instructions: After completing the assigned lab readings complete the following prelab assignment before coming to lab. Assignments will not be accepted after the beginning of class on the due date.

Readings: Review the background materials for Lab 7 in the lab manual (p. 79-83).

Questions:

(1) The Seattle area is North / East / South / West (circle one) of the equator and is

North / East / South / West (circle one) of the prime meridian.

(2) Lines of latitude / longitude (circle one) run North to South (from pole to pole) and are

described as being North-South / East-West (circle one) of the ___________________.

(3) The contour map to the right shows a hill

(elevations are in feet). What is the elevation of

the contour line at the top of the hill?

(4) The trail up Mt. Si in North Bend rises 4000 ft in 4 miles. What is the gradient of the Mt. Si trail (in feet per mile)?