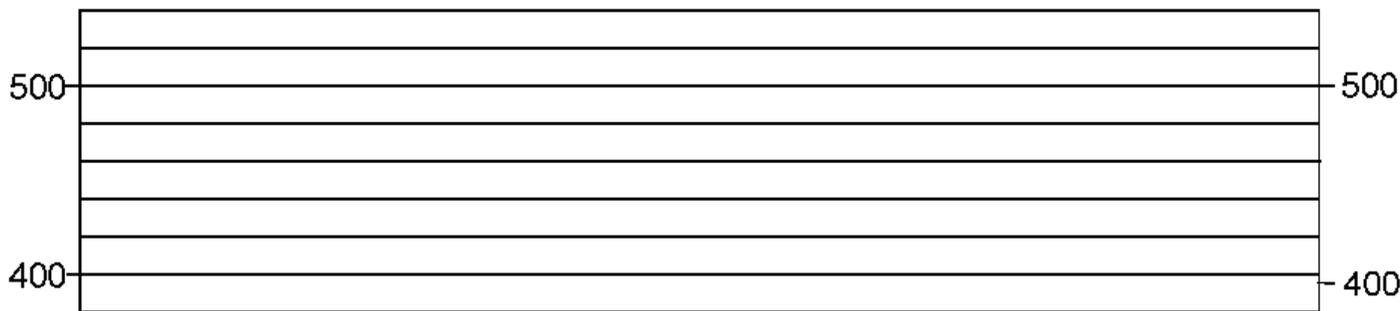
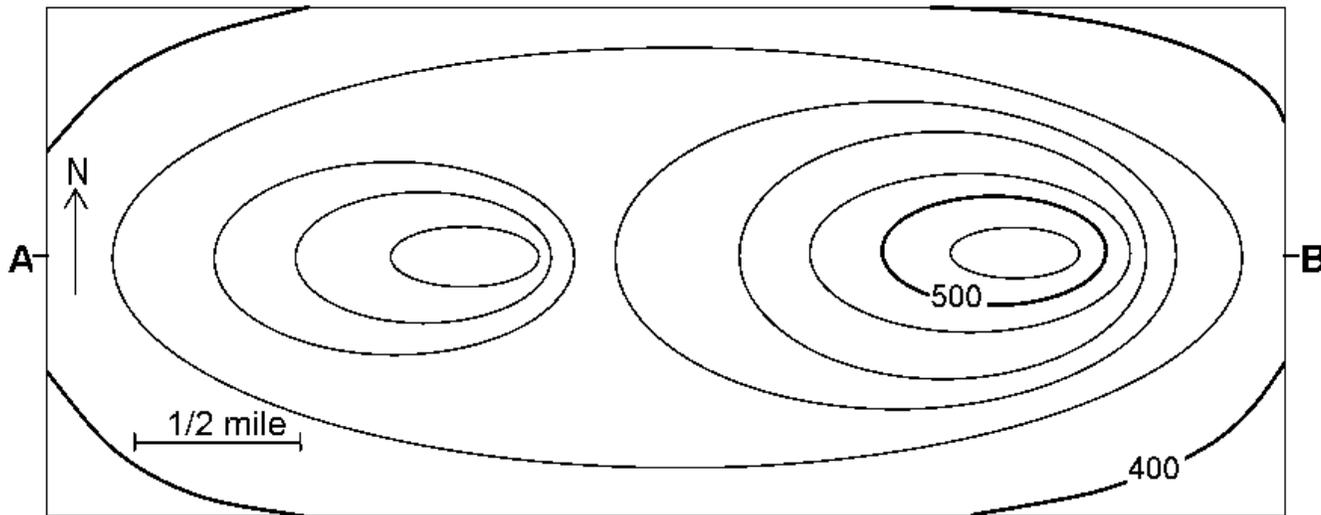


Lab 7A Making a Topo Profile

Name _____

Look at the map. below. What is the land like? How many hills are there? What is between the hills?



1. Draw a line with a ruler from A to B on the top map. Lay a scratch sheet of paper along line A-B.
2. On that sheet of paper, make small tick marks where the contours intersect the edge.
3. Record the elevation in feet next to the marks you made in #2.
4. Shift your marked paper down to the grid below the topo map.
5. Transfer the data by making dots on the appropriate lines directly above each tick mark.
6. Draw the profile by connecting the dots... smoothly. (Do you really think the land goes STRAIGHT to each dog?)
7. Measure 1/2" vertically on the profile below That distance = _____ feet.

Vertical exaggeration is calculated by dividing the horizontal feet in one unit by the vertical feet in one unit. On the map above, one horizontal inch 3000 feet as shown on the scale. Now you will calculate the vertical exaggeration (X) dividing what one unit, in this case an inch, equals both horizontally by what one inch equals vertically.

8. _____ horizontal feet / _____ vertical feet = _____ X vertical exaggeration

Uma lava pisupo! (All the corned beef is gone. Means "All done!")