


1. What is the contour interval of this map? _____
2. What is the length of Horsenden Road? _____
3. How long is Mountain Rest Road from Canaan Road to where it leaves the map? _____
4. What is the approximate gradient of Mountain Rest Road over this distance? **SHOW ALL WORK**

5. What is the highest possible elevation at the top of Bonticou Crag? _____
6. What is the actual elevation of Bonticou Crag? _____
7. Which side of Bonticou Crag is the steepest? _____ How can you tell? _____

8. What is the elevation of the bench mark at the intersection of Shivertown Rd. and Rte. 32? _____
9. Which direction is the Swarte Kill River flowing? _____
 - a) How did you determine this? _____
 - b) What is another way of determining this? _____
10. Name the maps that fit along the following edges:
 - a) North _____
 - b) South _____
 - c) East _____
 - d) West _____

Find any 2 mile segment of the map that interests you and draw its profile. You must first write in the proper scale. Be sure to leave a little room at the top and bottom of the scale.

A vertical rectangular box with horizontal lines, intended for drawing a profile. The box is empty and contains 15 horizontal lines spaced evenly, with a larger margin at the top and bottom.

Cut the paper here and use it to mark the contour lines for the profile.
You must attach this to the lab