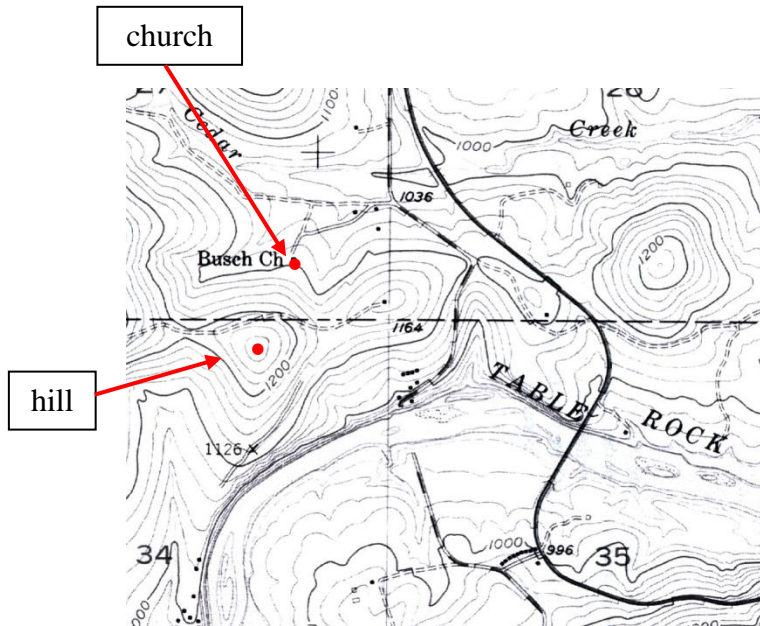


Physical Geology Slope Homework

Find Figure 8.3 in your lab manual (pp. 146-147). Note the Figure caption (with bar scale and other info) is on p. 146. On the map, NORTH is up towards the book's spiral binding.

Locate Busch Church in the NW corner of the map. Assume the church is located exactly on the index contour and calculate the slope (in ft/mile) from the church to the top of the hill just to the southwest of the church. **The figure below is for reference only, use the map in your lab manual to answer the question.**

Show all of your work:



Slope = \_\_\_\_\_