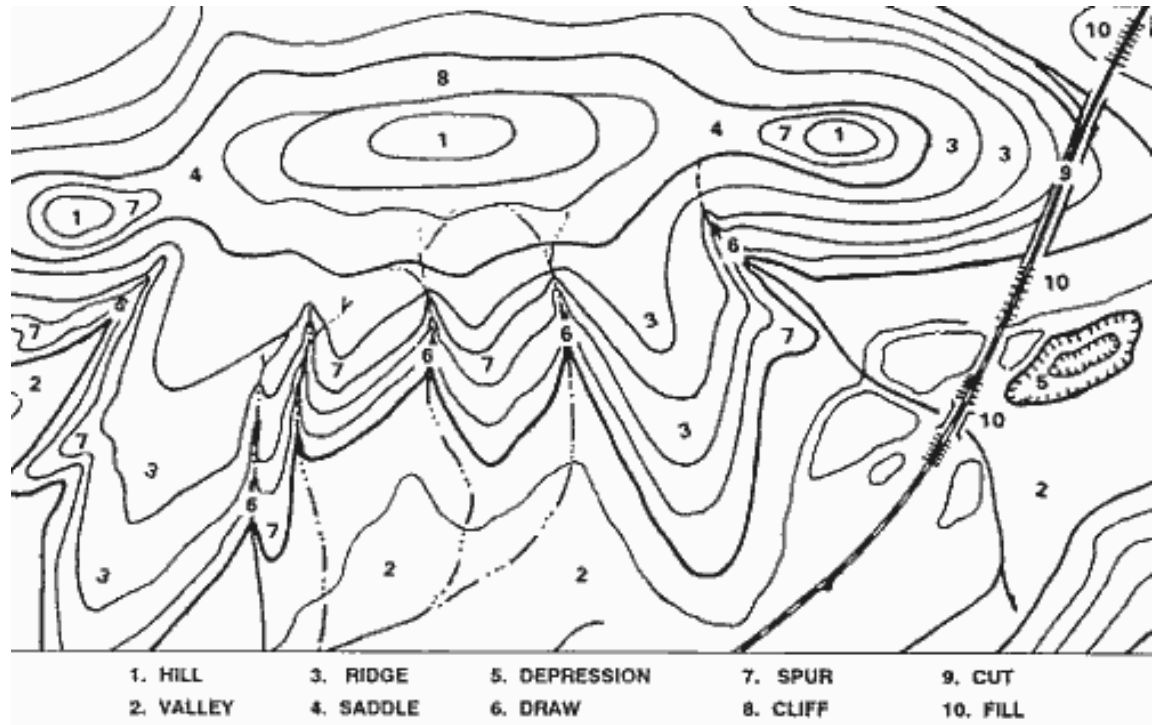


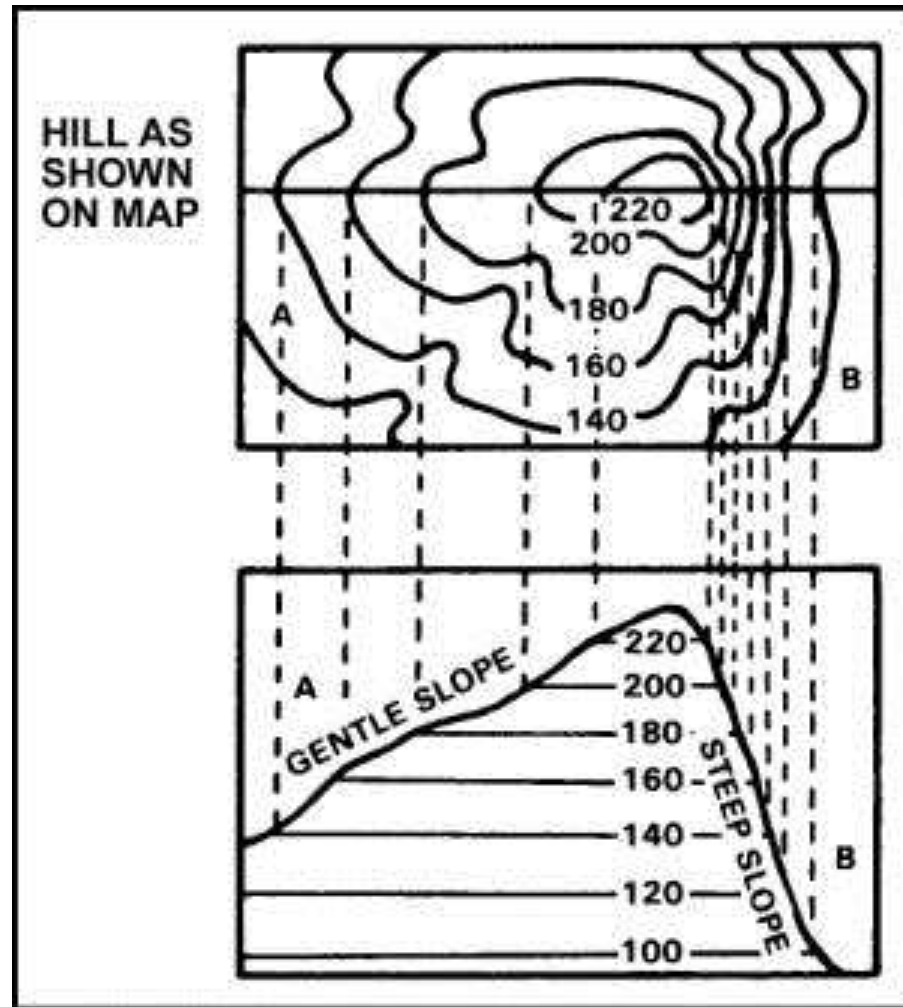
# Topographic Maps

## Part I



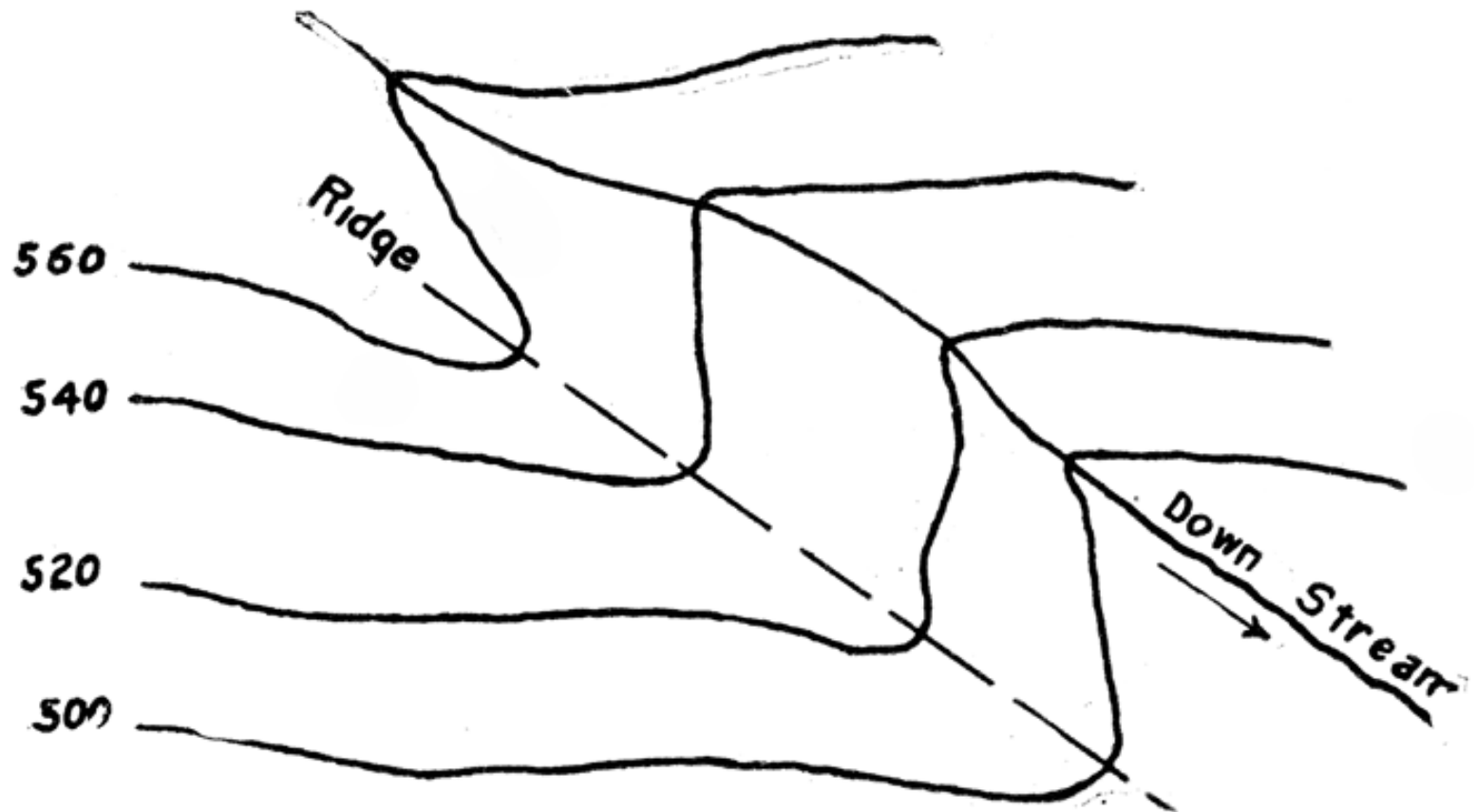
8<sup>th</sup> Grade Earth and Space Science  
Class Notes

# What Do the Lines on a Topographic Map Represent?



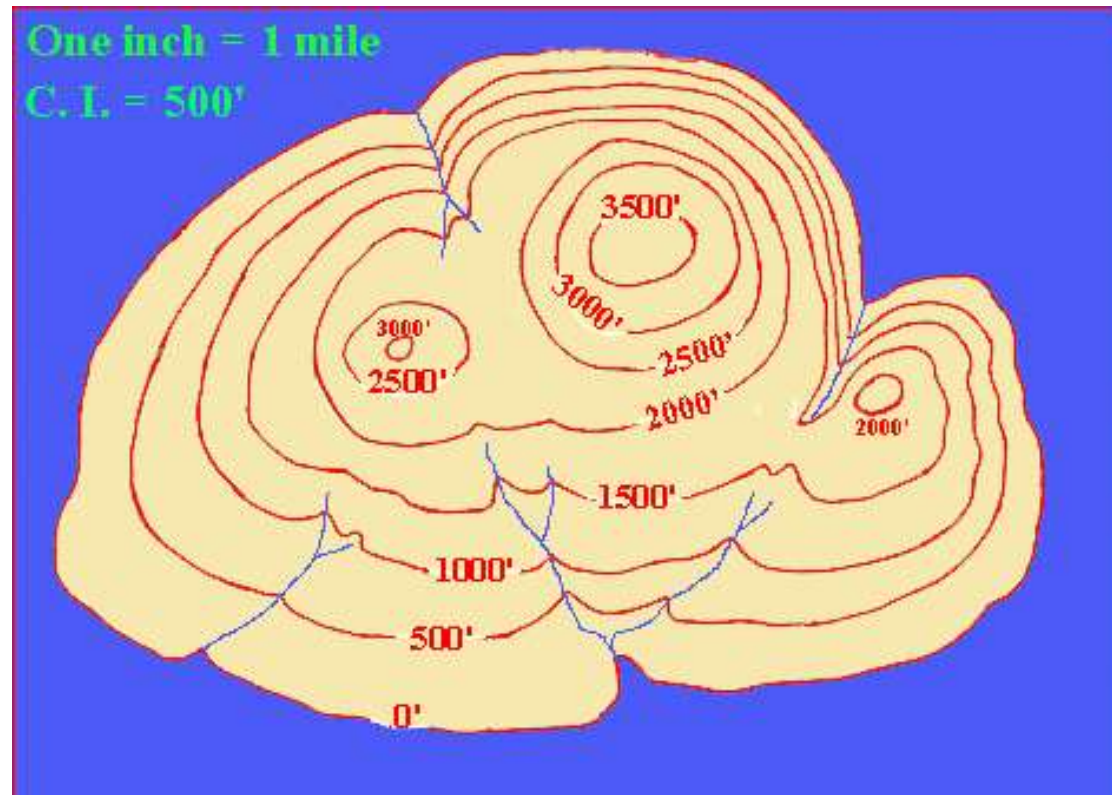
# Contour Lines

- Connects points of equal elevation



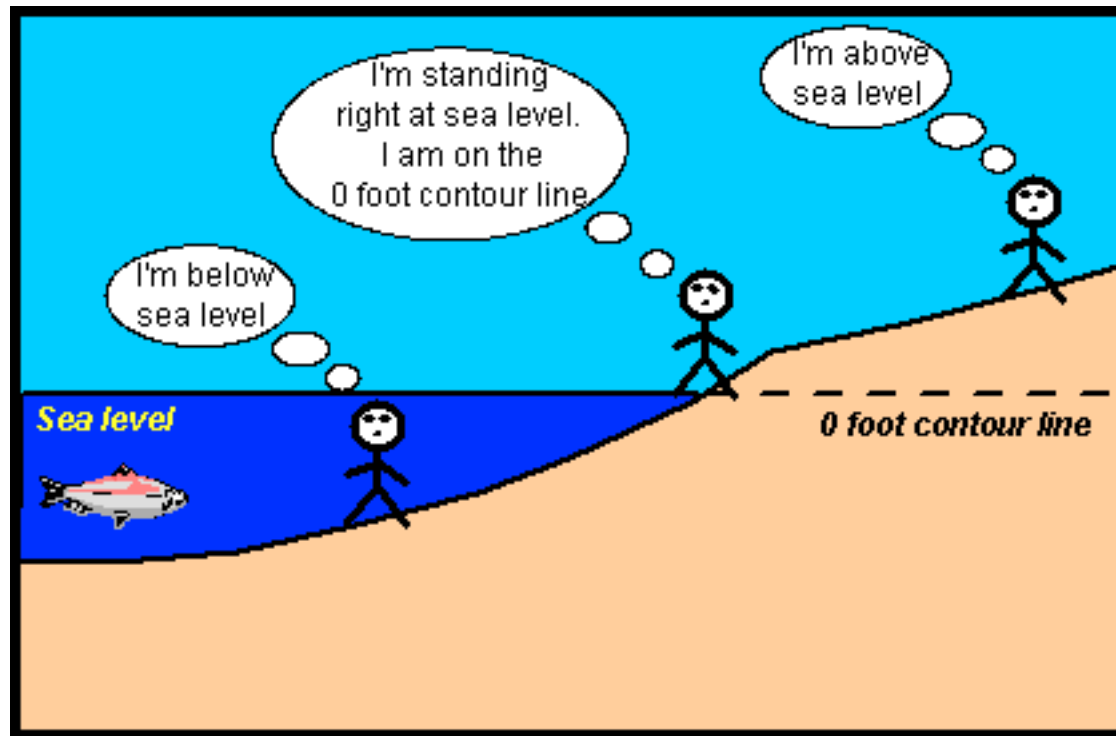
# Contour Interval

- The difference in elevation between two side-by-side contour lines



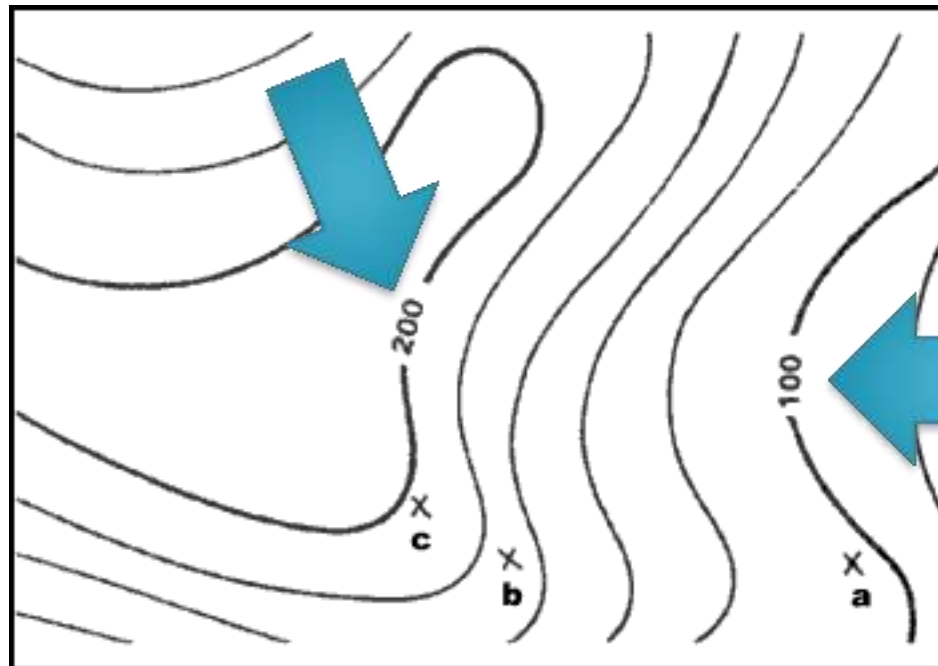
# Elevation

- The distance of a location above (or below) sea level

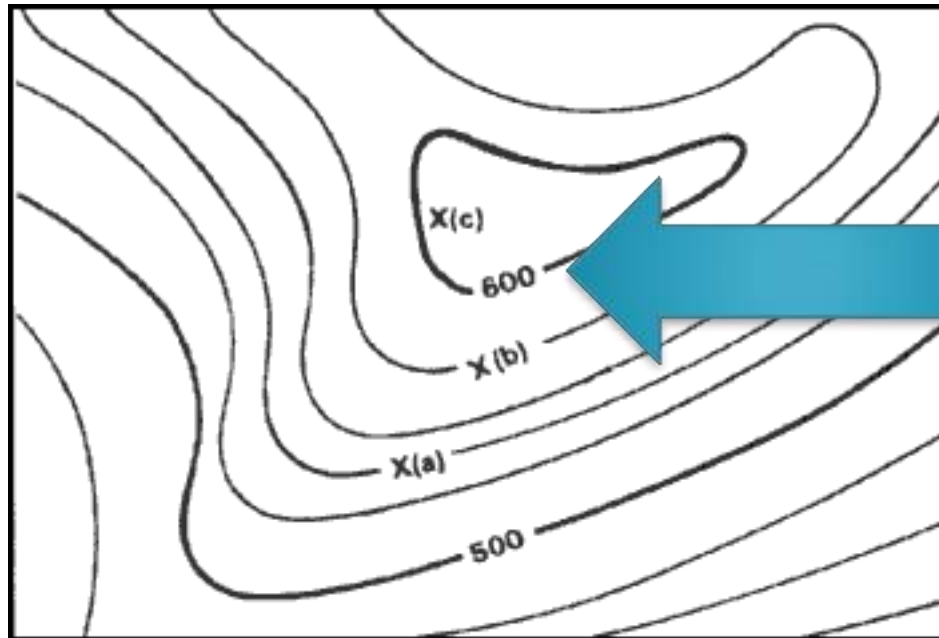


# Important Concepts – Contour Lines

- Elevation is marked in spaces on **index** contour lines

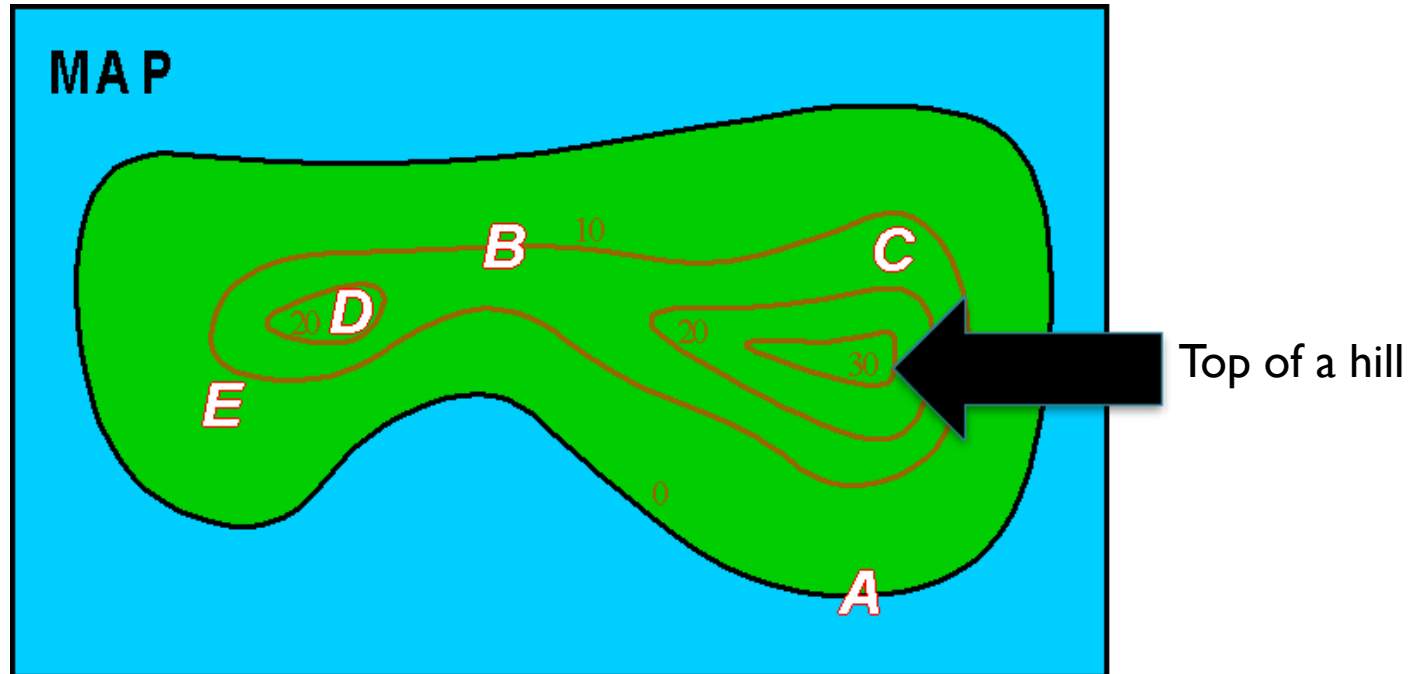


- All points on the same contour line must be the same **elevation**.



Every point on this line is 600 ft. in elevation.

- Contour lines that close upon themselves, in a small area, usually indicate the **top** of a hill.



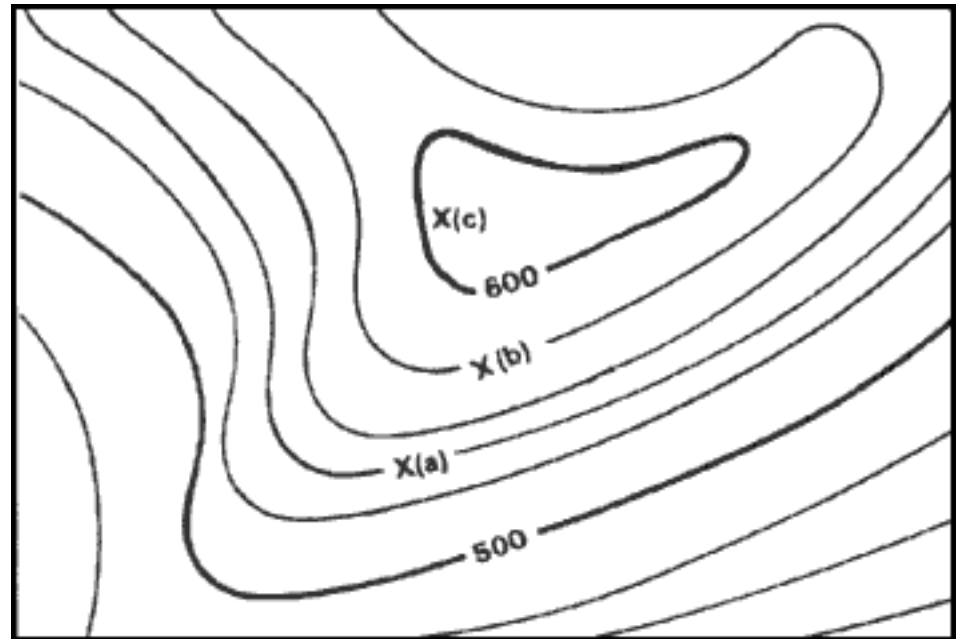


- Contour lines never:

- Touch

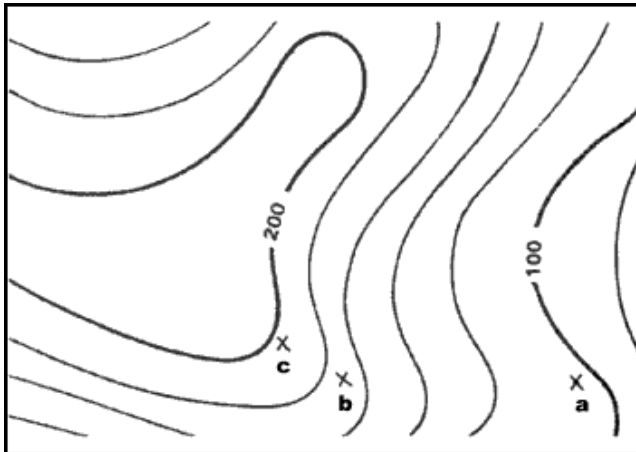
- Cross

- End

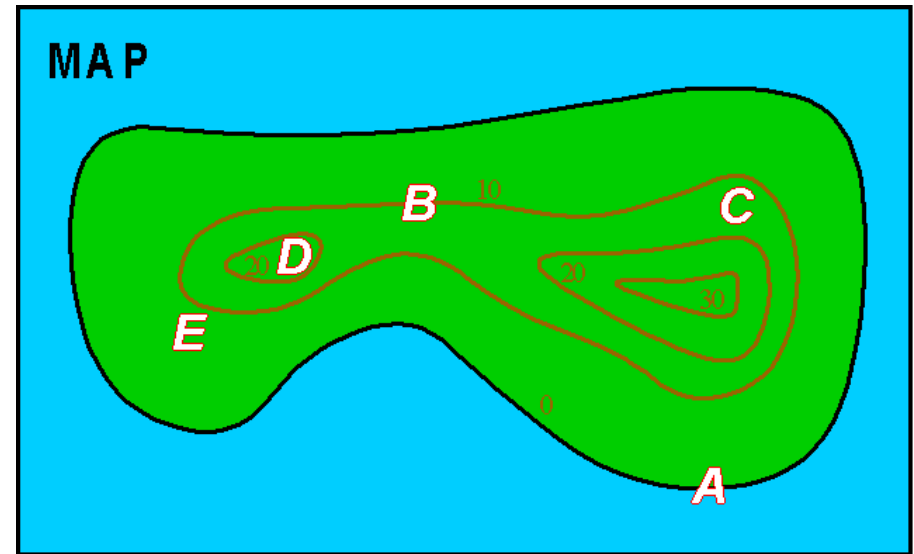


# Important Concepts – Contour Intervals

- Contour intervals are always the **same** on one map, but may be different on different maps.

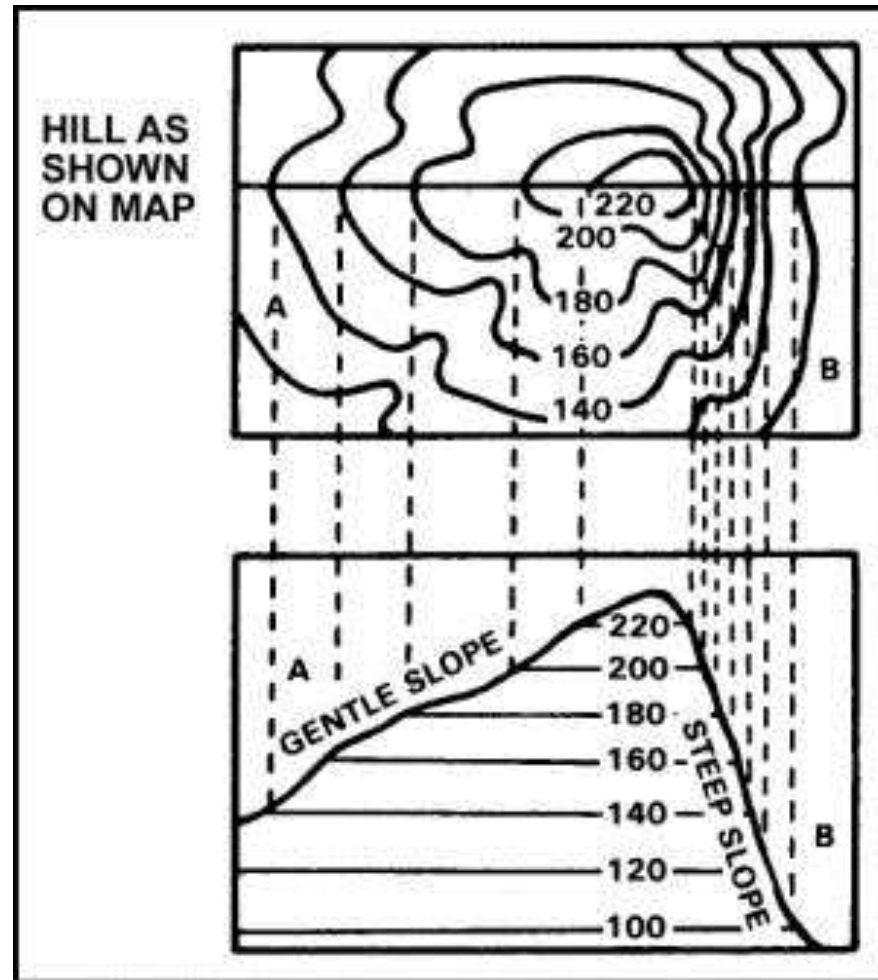


Contour Interval =  
20 ft.

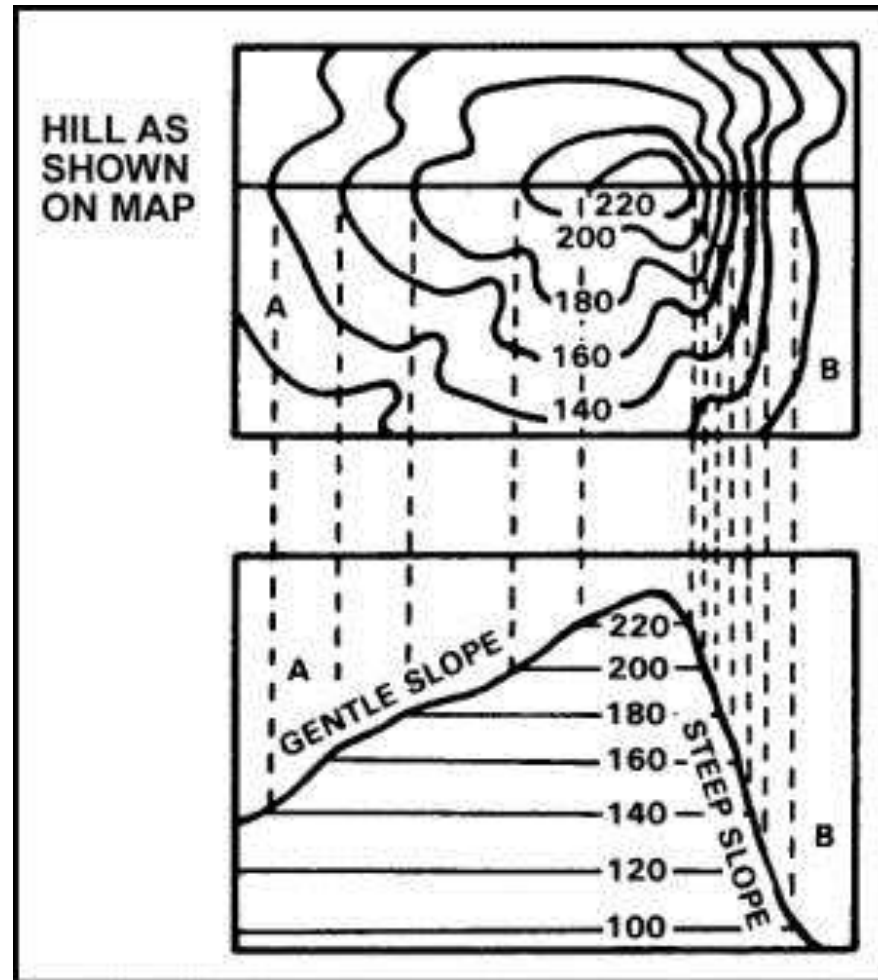


Contour Interval =  
10 ft.

- Contour lines that are spaced close together indicate a **steep** slope.



- Contour lines that are spaced further apart indicate a **gentle** slope.



# Let's Practice!!

