## Topographic map

Draw the contour lines, then base your answers to the following questions on the topographic map below. Points $A, B, C, D$, and $X$ represent locations on the map. Elevations are measured in meters.


1. What is the elevation of points $\mathrm{A}, \mathrm{B}, \mathrm{C}$ and D ?
2. What is the contour interval of this map?
3. Calculate the Relief between C and D .
4. What is the elevation of Point X.?
5. Calculate the distance from point $X$ to the Lake 1.
6. Draw the valley and determine the direction of it.
7. On the grid, construct the topographic profiles from point $A$ to point $B$ and from point $C$ to point $D$.
8. Describe the main topographic feature on the map, and then discuss which side of it has the gentlest slope and which side has the steepest slope (write the direction).
