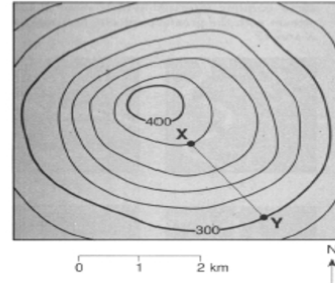


- 1) Using the diagram to the right: Elevation in meters.
 a) What are the two contour index lines given?

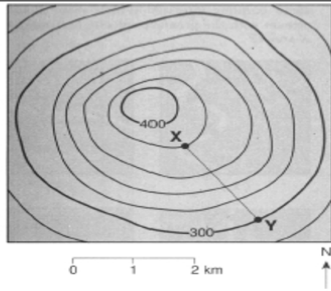


- b) What is the contour interval of the topographic map given? Explain your answer.

- c) If you were standing on the contour line labeled X, but you were standing on the northwest side of the peak, what is your elevation. Explain.

The topographic map below shows a hill. Points X and Y represent locations on the hill's surface. Elevations are shown in meters.

- 2) What is the gradient between points X and Y? (Show all work below)



1. 40 m/km
2. 80 m/km
3. 100 m/km
4. 120 m/km

- 3) What information is given when there is a V shaped contour line?

- 4) What does it mean if contour lines are close together?