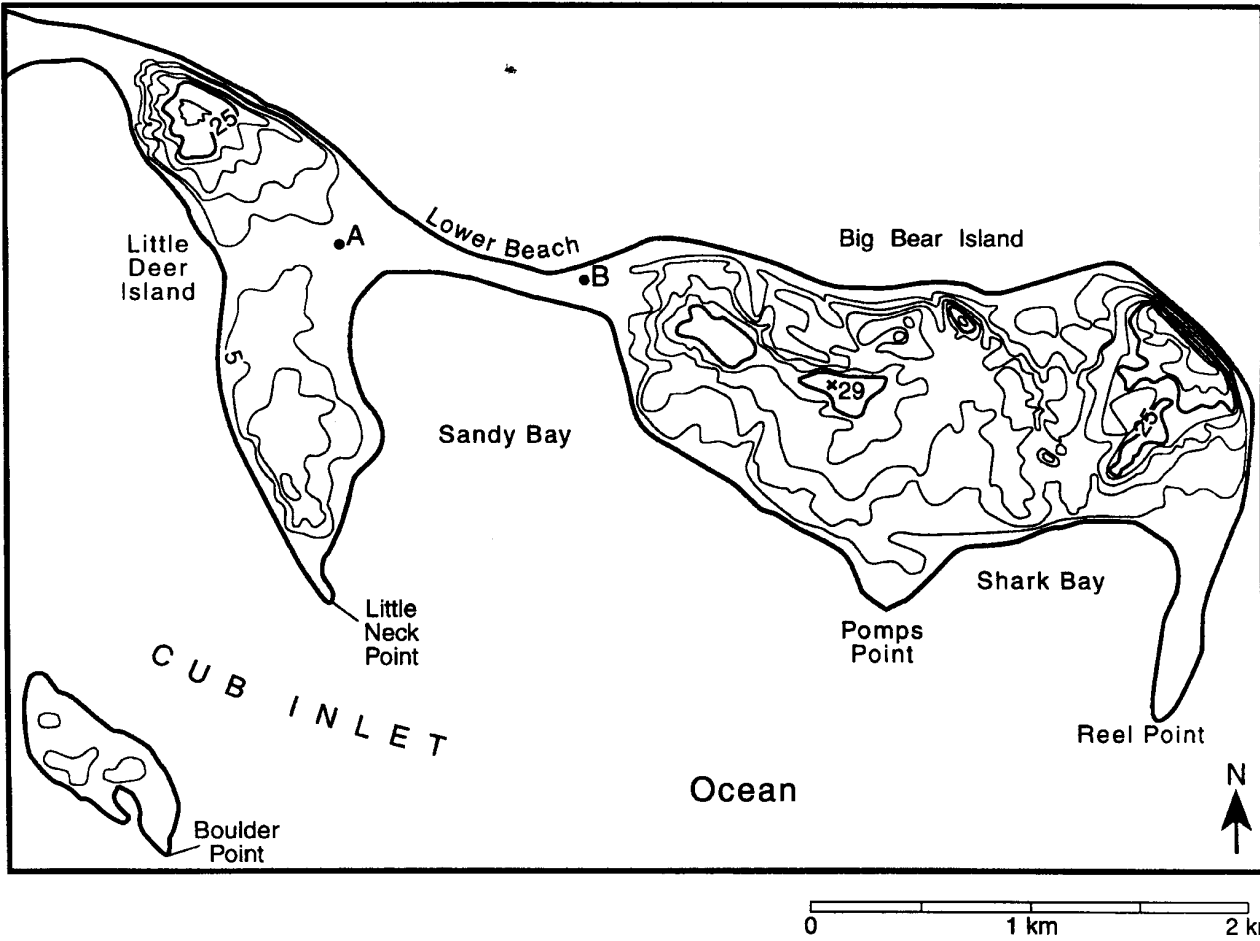


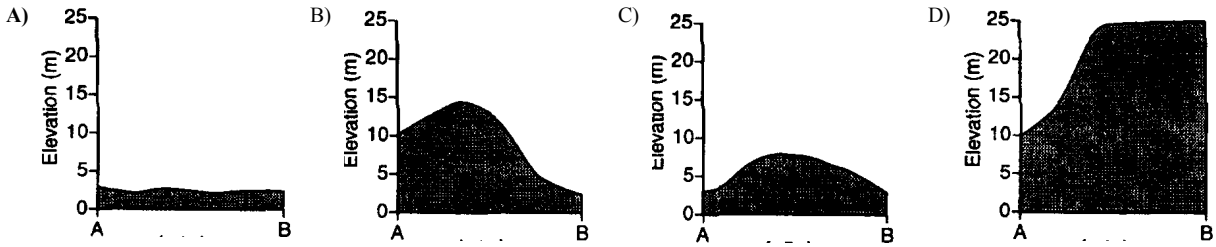
Name: _____

Topographic Profiles Multiple Choice

1. Base your answer to the following question on the topographic map below. Points A and B represent locations on the map. Elevations are shown in meters.

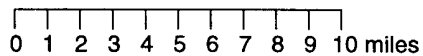
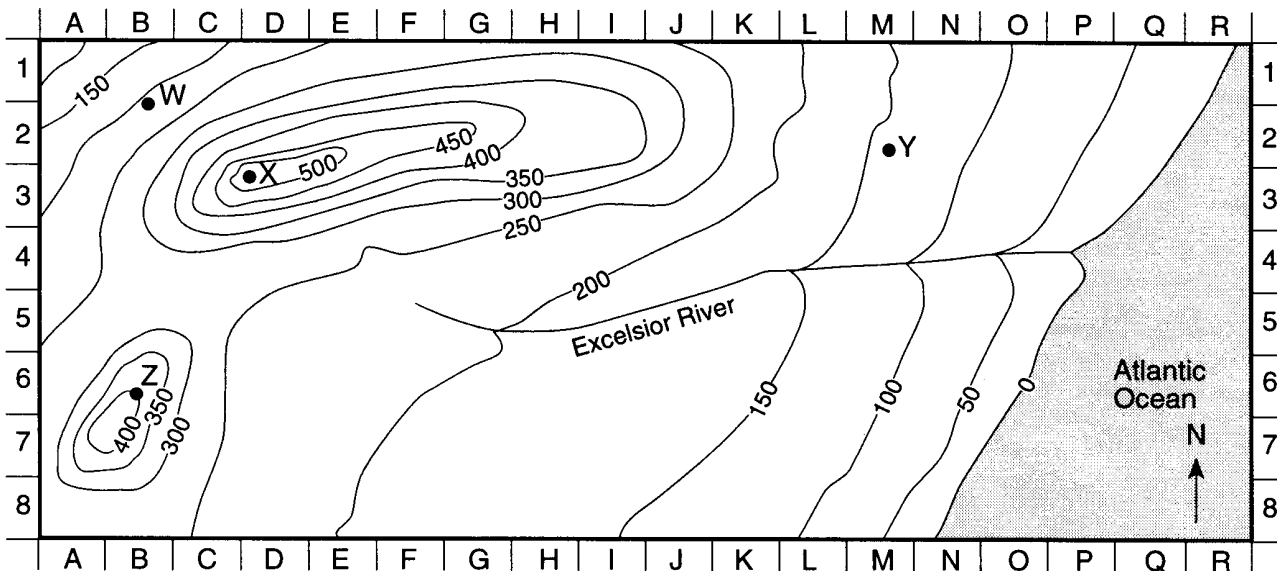


Which diagram best represents the topographic profile from location A to location B?



Topographic Profiles Multiple Choice

2. Base your answer to the following question on the topographic map below that represents a location in North America. A grid system of letters and numbers along the edges of the map is provided to assist in finding locations. Elevations are expressed in feet.



Which profile best represents the topography along a straight line from point Z (6-B) to point Y (2-M)?

- A)

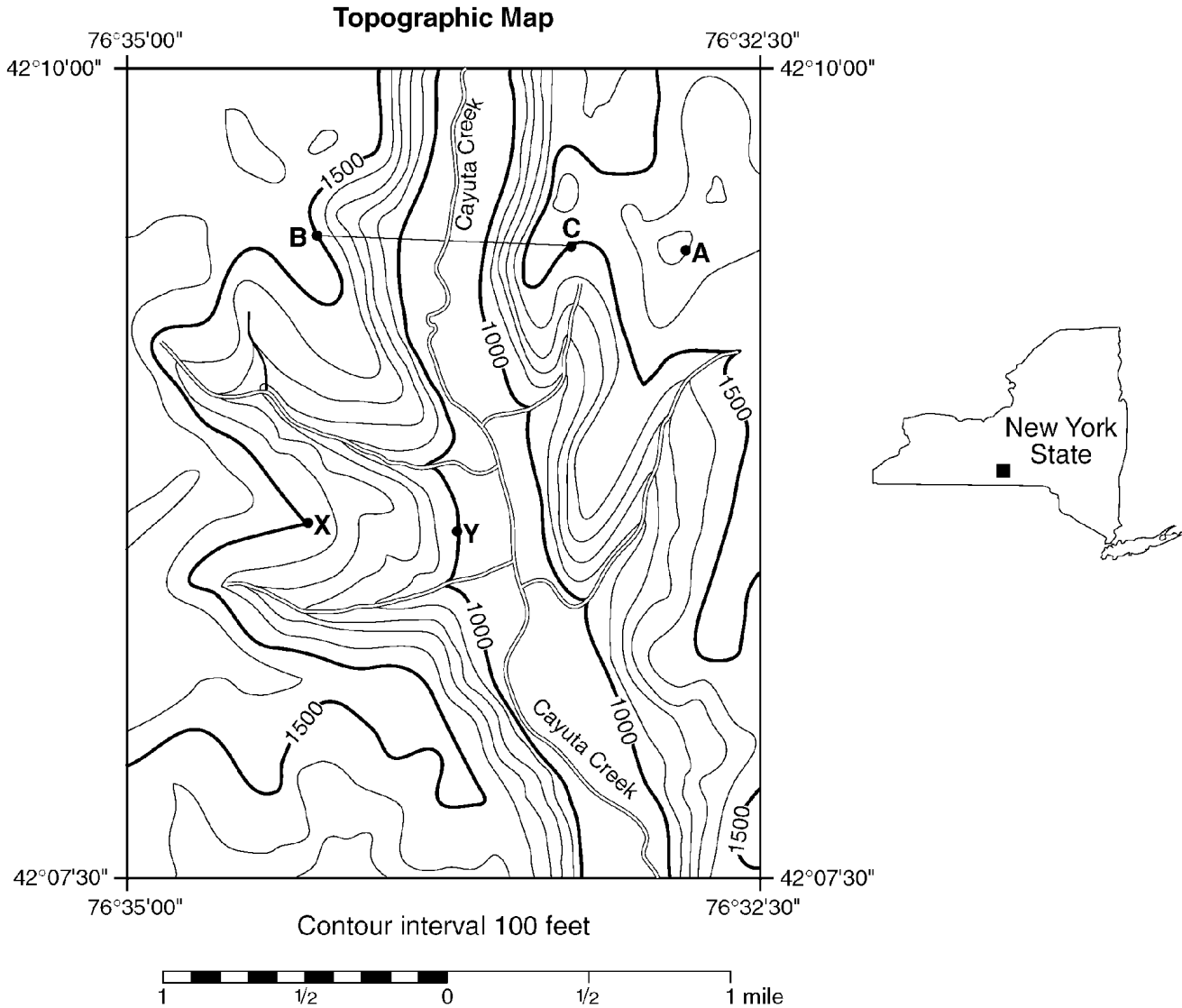
B)

C)

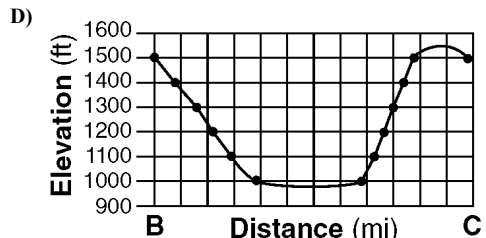
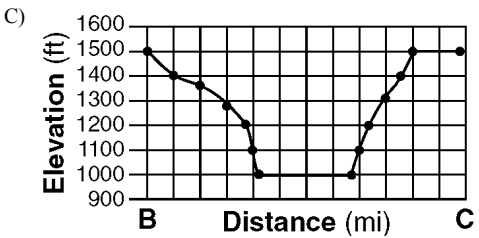
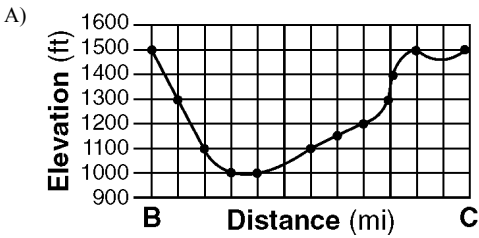
D)

Topographic Profiles Multiple Choice

3. Base your answer to the following question on the maps below. Points *A*, *B*, *C*, *X*, and *Y* are locations on the topographic map. The small map identifies the New York State region shown in the topographic map.



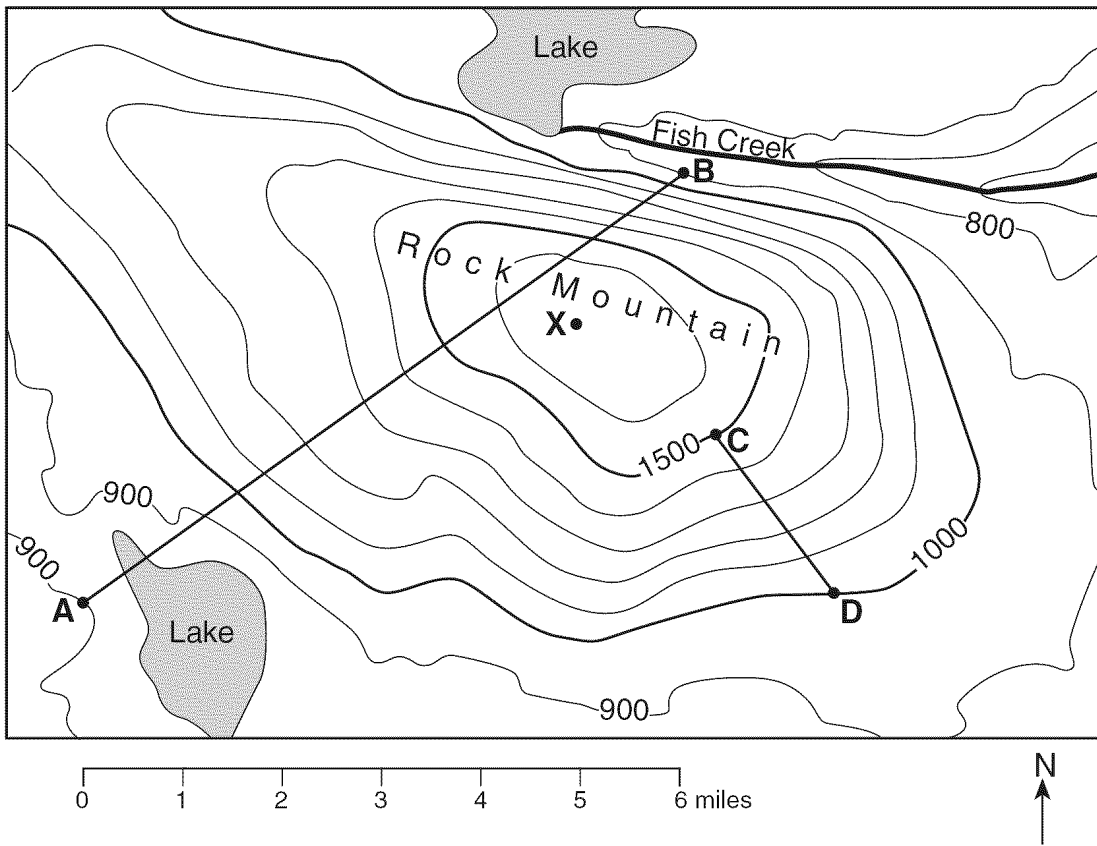
Which graph best represents the profile from point *B* to point *C*?



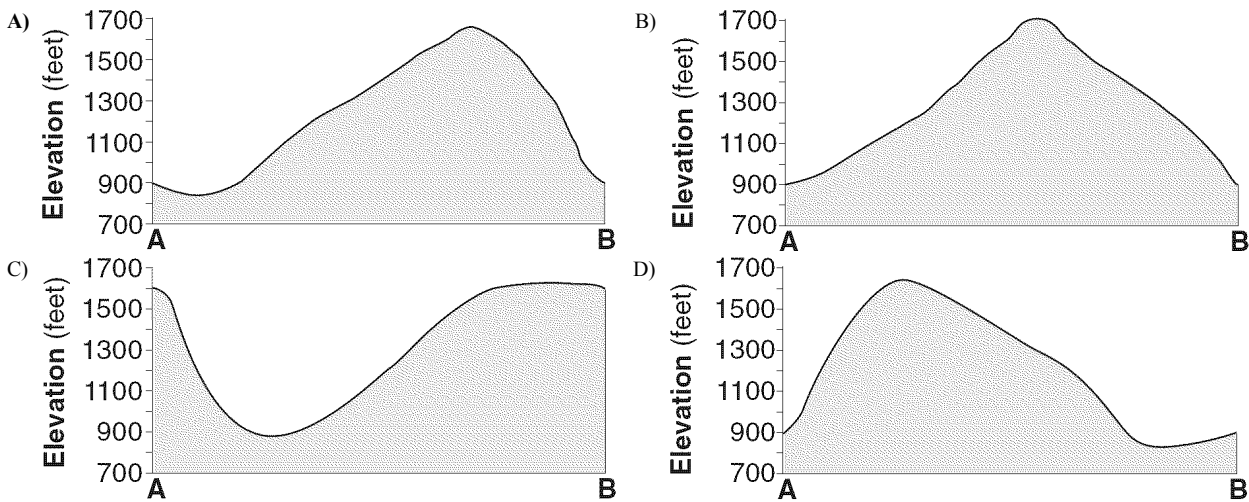
Name: _____

Topographic Profiles Multiple Choice

4. Base your answer to the following question on the topographic map below. Points *A*, *B*, *C*, *D*, and *X* represent locations on the map. Elevations are measured in feet.

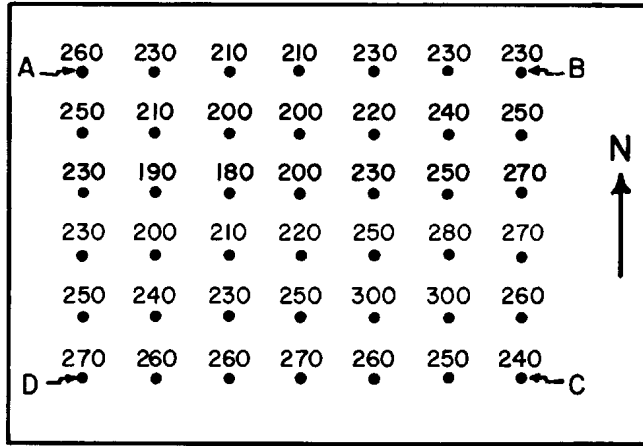


Which cross section best represents the profile along straight line *AB*?

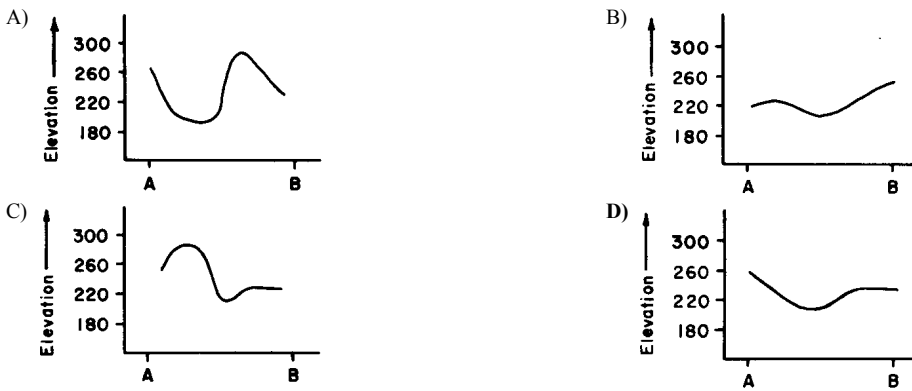


Topographic Profiles Multiple Choice

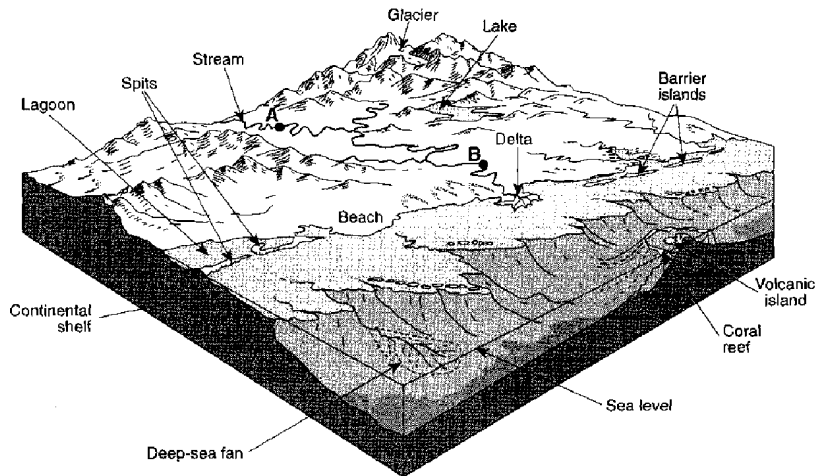
5. Base your answer to the following question on the diagram below which represents the elevation data for a certain landscape region. Points *A*, *B*, *C*, and *D* are specific locations on the surface of this landscape.



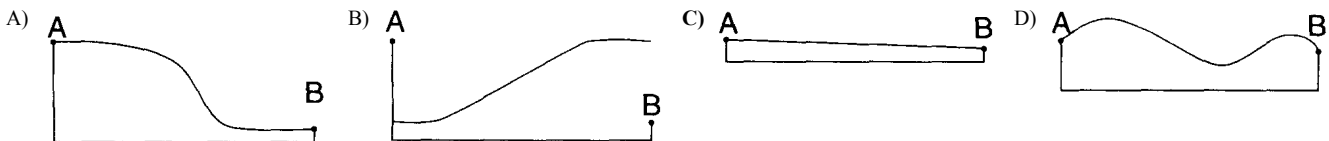
Which graph best represents the elevation profile along a straight line from point *A* to point *B*?



6. Base your answer to the following question on the diagram below, which shows a coastal area with a variety of landforms. Points *A* and *B* are reference points along a meandering stream.

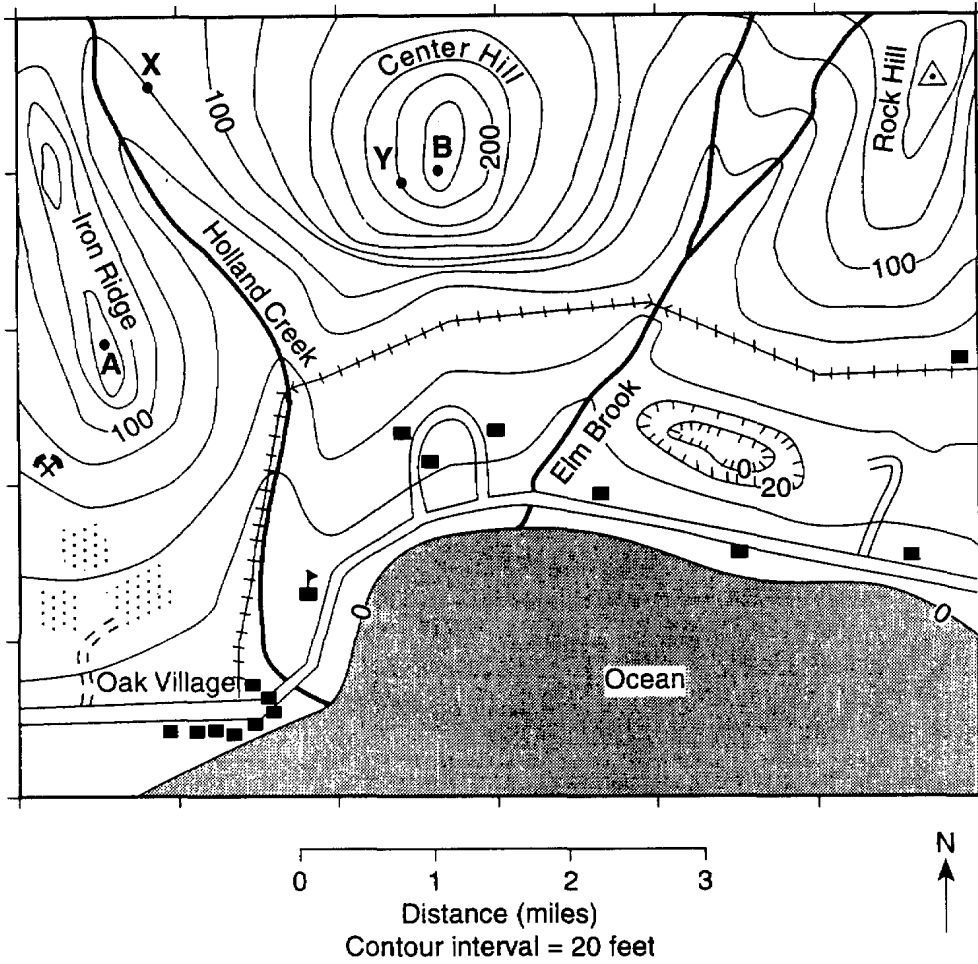


Which profile best represents the slope of the meandering stream between points *A* and *B*?



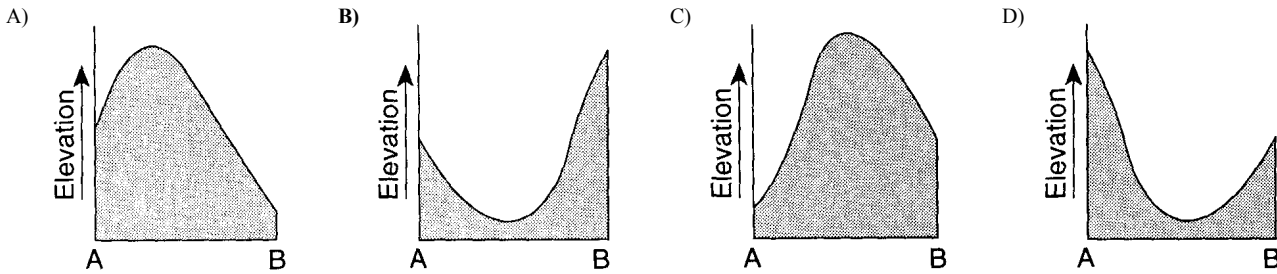
Topographic Profiles Multiple Choice

7. Base your answer to the following question on the topographic map below. Points *A*, *B*, *X*, and *Y* are locations on the map. Elevations are shown in feet.



Symbols Key	
	Triangulation point
	School
	Mine
	House
	Depression contours
	Railroad
	Roads

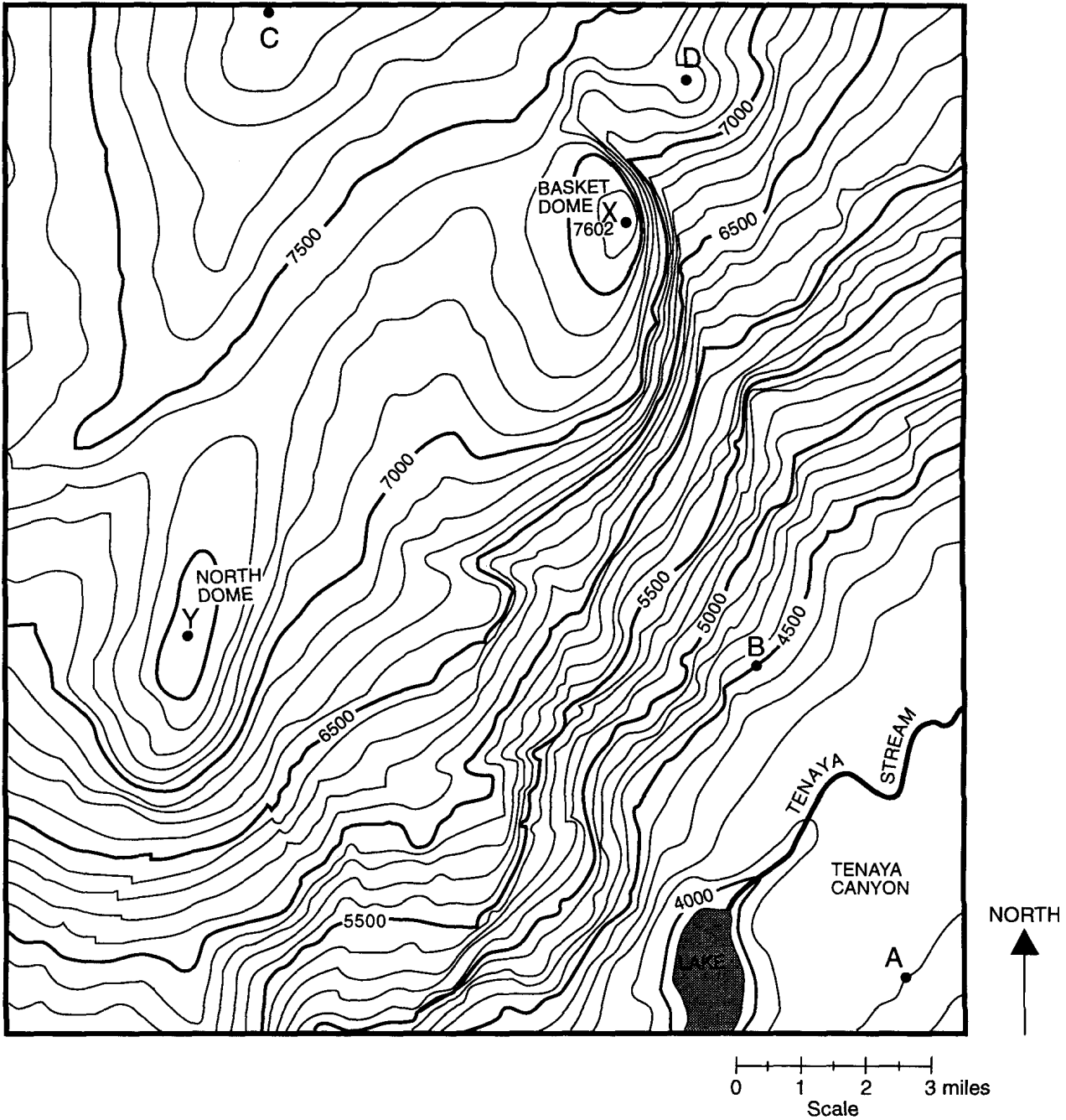
Which diagram best represents the topographic profile along a straight line from point *A* to point *B*?



Name: _____

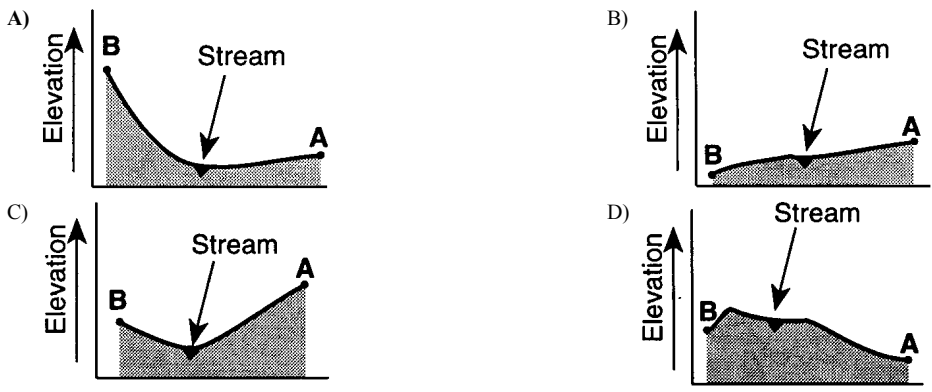
Topographic Profiles Multiple Choice

8. Base your answer to the following question on the contour map below. Points *A*, *B*, *C*, *D*, *X*, and *Y* are locations on the map. Elevations are expressed in feet. The maximum elevation of Basket Dome is indicated at point *X*.

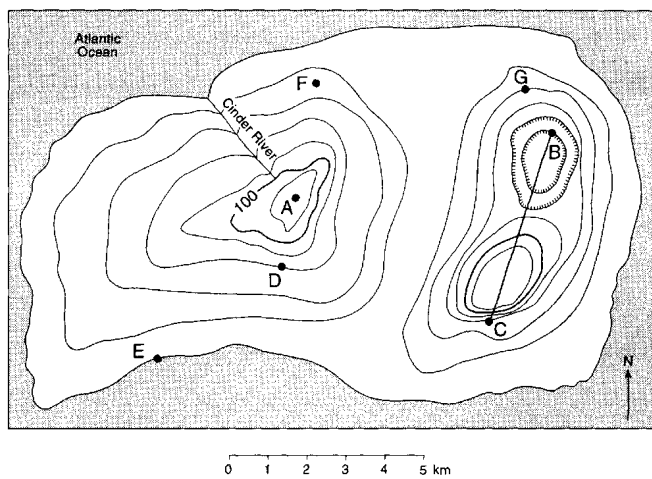


Topographic Profiles Multiple Choice

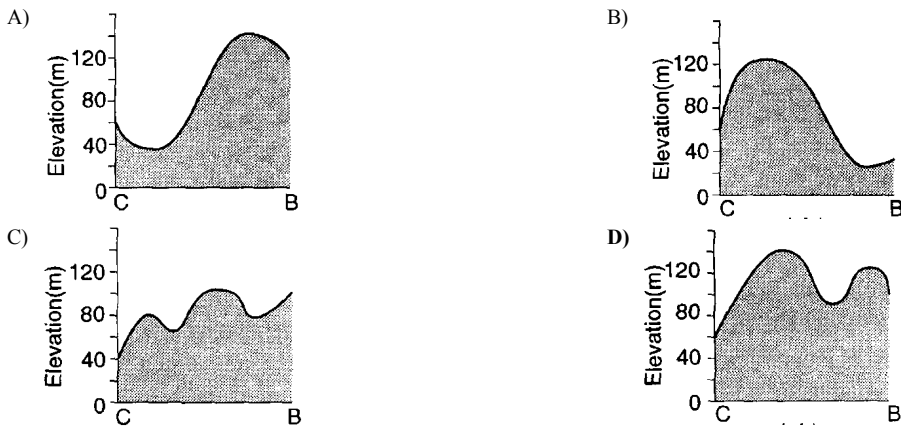
Which graph best represents the profile along a line between point *B* and point *A*?



9. Base your answer to the following question on the contour map of an island below. Points *A* through *G* represent locations on the island. Elevations are in meters.



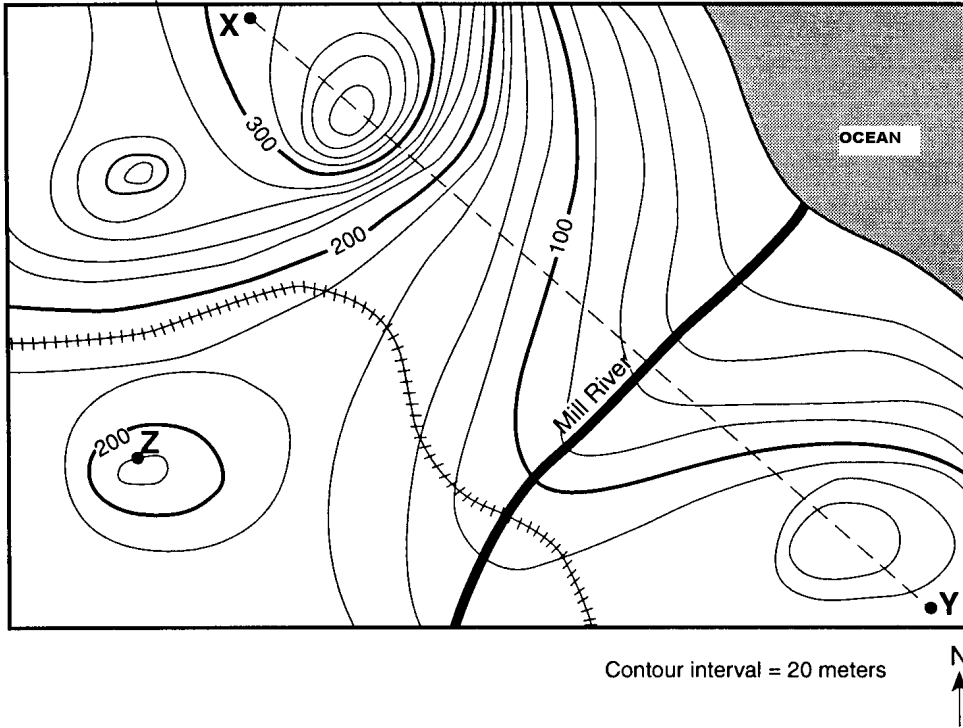
Which diagram best represents the topographic profile from location *C* to location *B*?



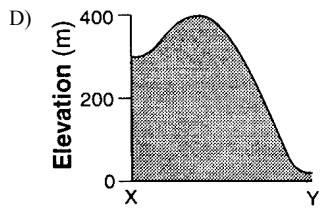
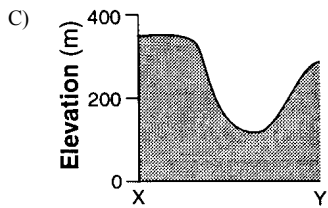
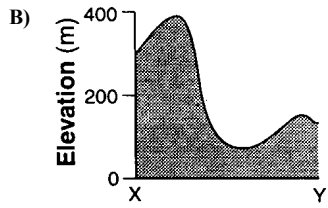
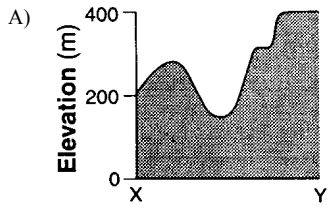
Name: _____

Topographic Profiles Multiple Choice

10. Base your answer to the following question on the topographic map below. Points X, Y, and Z are locations on the map. Elevations are expressed in meters.

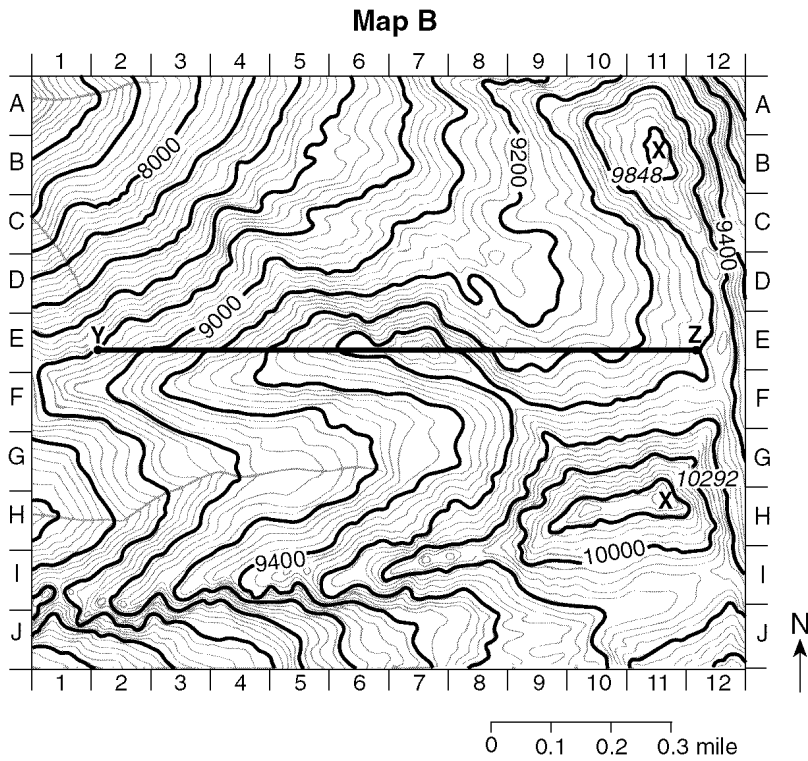
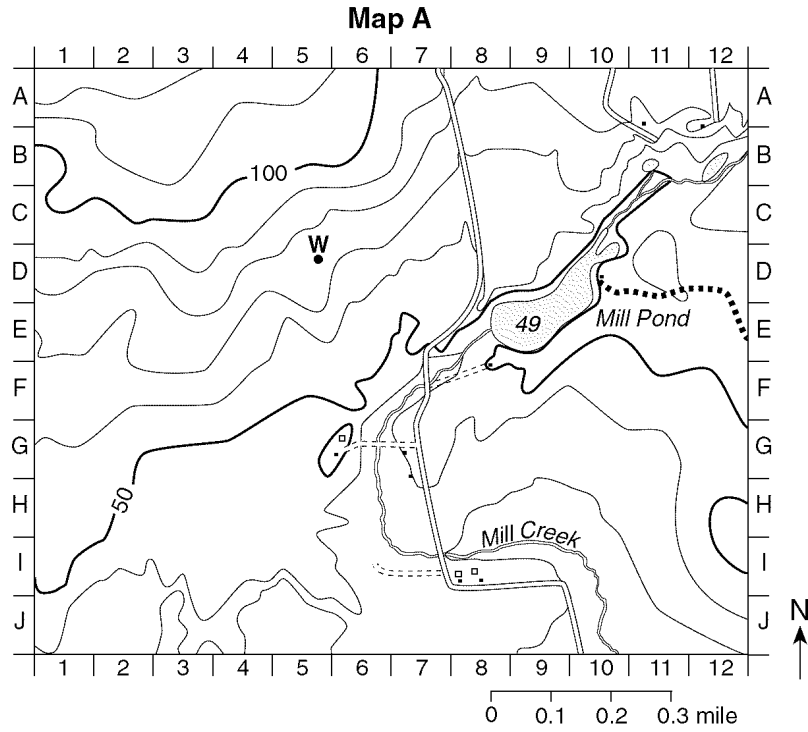


Which profile best represents the topography along the dashed line from point X to point Y?



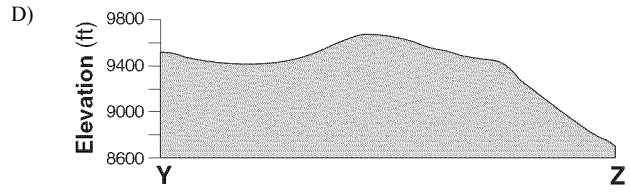
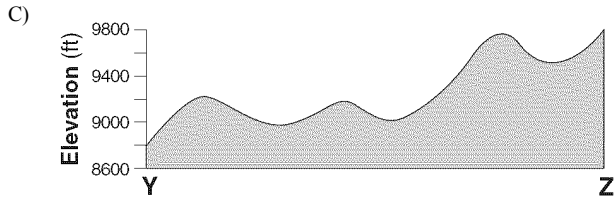
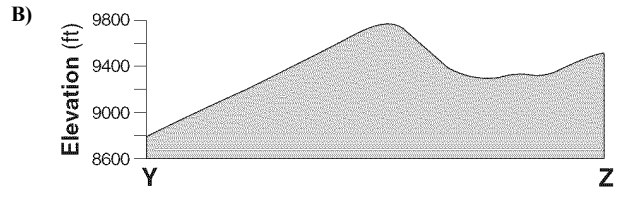
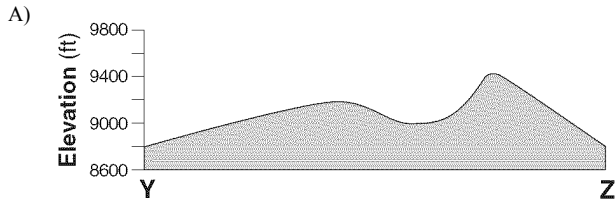
Topographic Profiles Multiple Choice

11. Base your answer to the following question on the two topographic maps below. A grid system of numbers and letters appears along the edge of each map to help locate features. Both maps show elevations in feet above sea level.



Topographic Profiles Multiple Choice

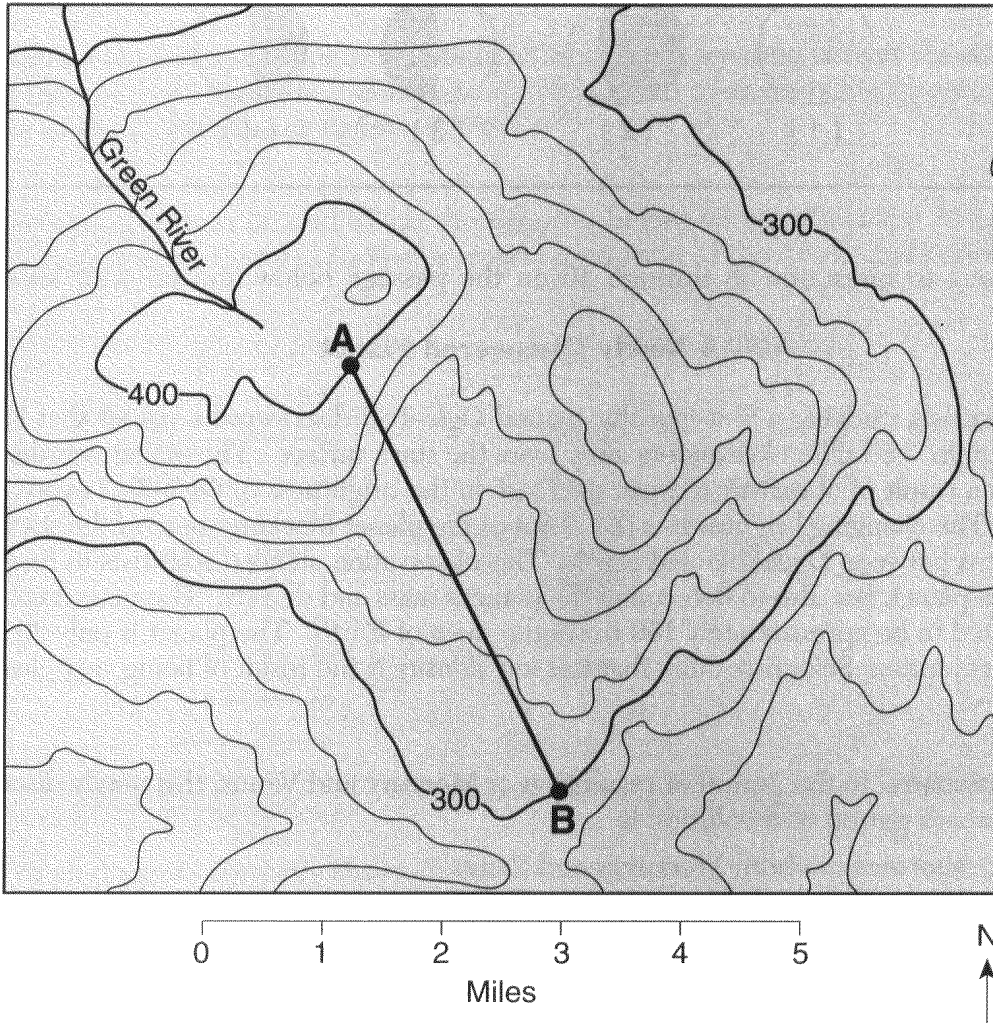
Which cross section best represents the topographic profile along the straight line from point Y to point Z on map B?



Name: _____

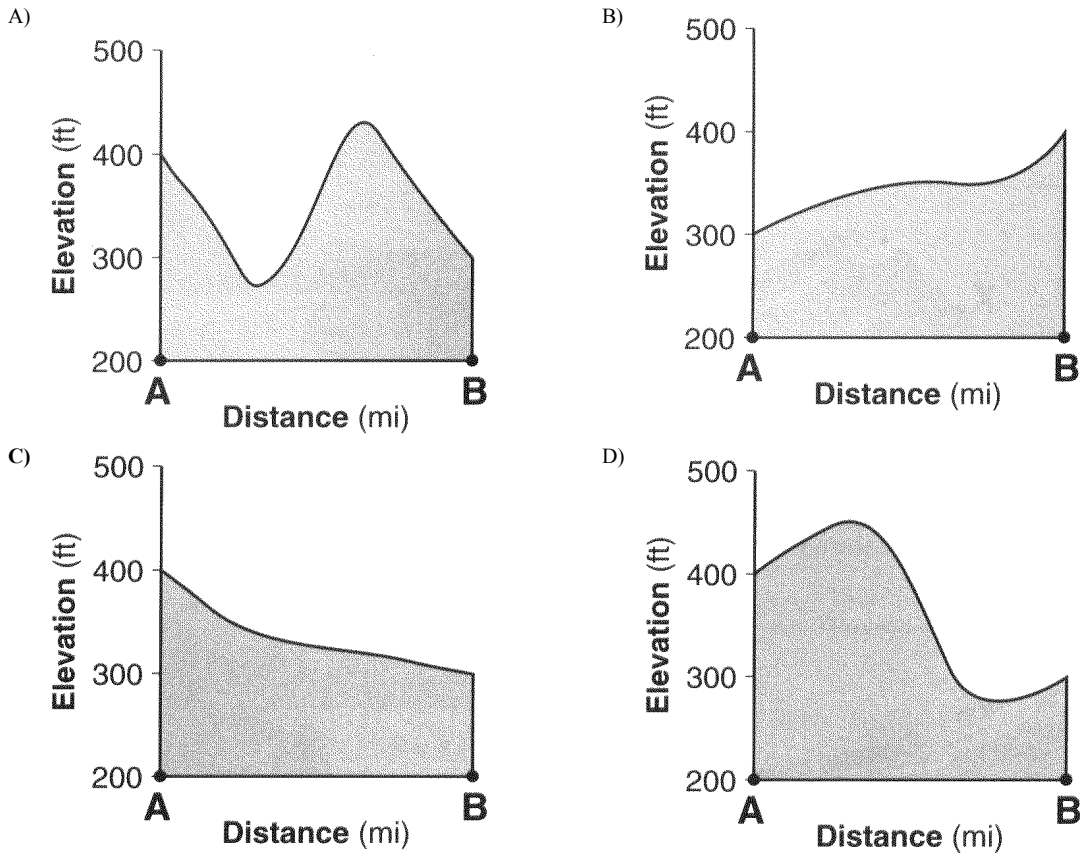
Topographic Profiles Multiple Choice

12. Base your answer to the following question on the topographic map below. Elevations are in feet. Point A and B are locations on the map.

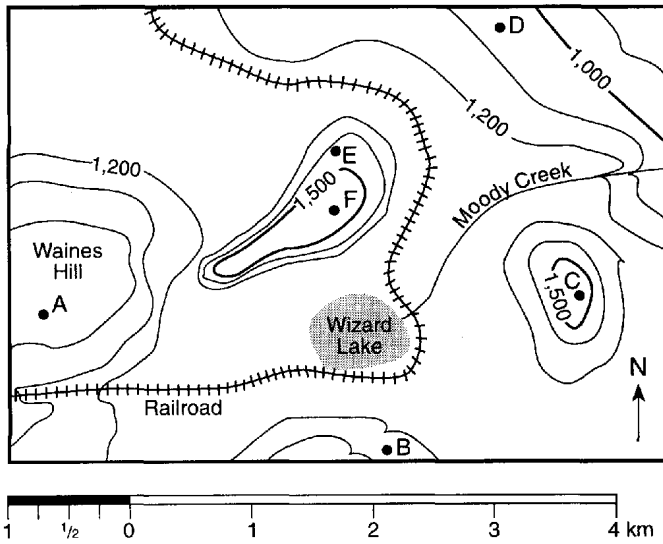


Topographic Profiles Multiple Choice

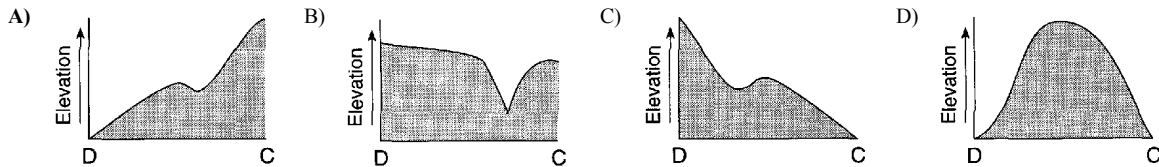
Which graph best represents the profile along line *AB*?



13. Base your answer to the following question on the topographic map below. Letters *A* through *F* represent locations on the map.

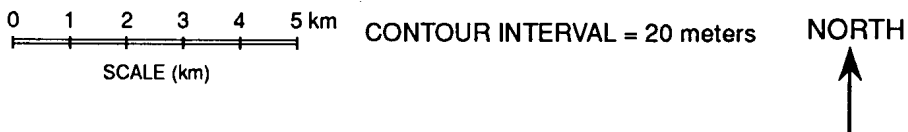
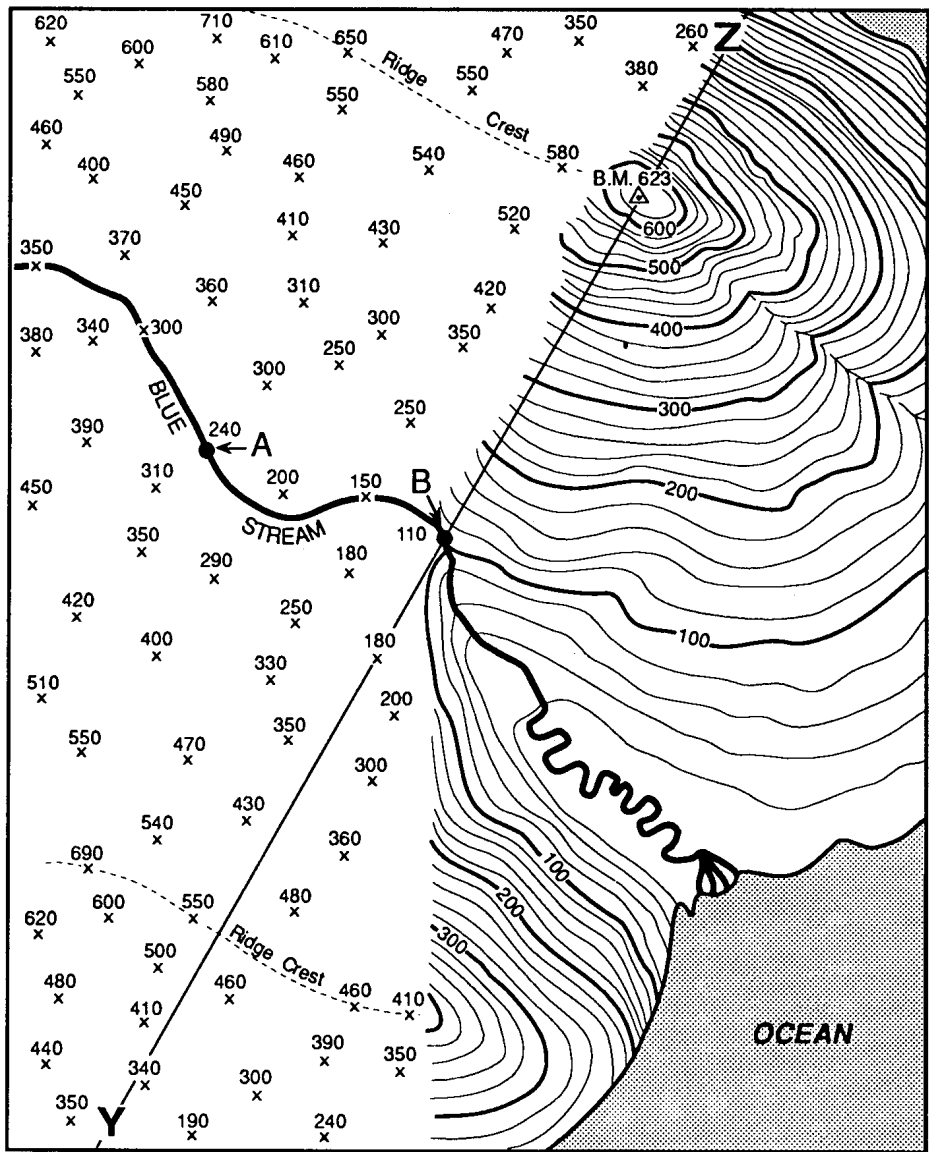


Which diagram best represents the profile along a straight line from point *D* to point *C*?

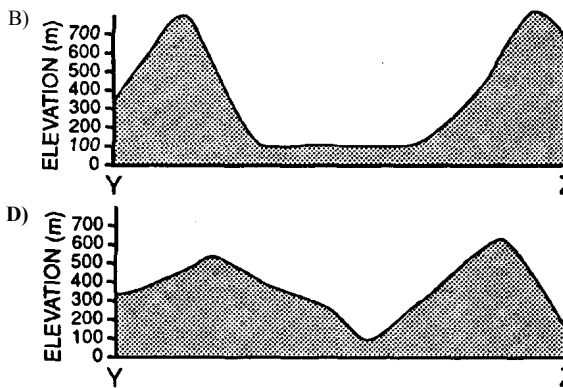
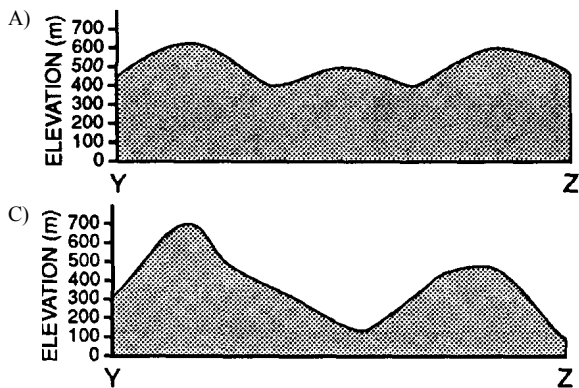


Topographic Profiles Multiple Choice

14. Base your answer to the following question on the contour map below. Points A, B, Y, and Z are reference points on the map. Note that portions of the map are incomplete.



Which diagram best represents the profile along line YZ?



2.DESCRIBING THE EARTH (9)

2.B.Positions on Earth (9)

2.B.ii.Position Description (9)

2.B.ii.b.Topographical Maps/Gradient (9)

Answer Key
Profile MC

1. **A**
2. **A**
3. **D**
4. **A**
5. **D**
6. **C**
7. **B**
8. **A**
9. **D**
10. **B**
11. **B**
12. **C**
13. **A**
14. **D**