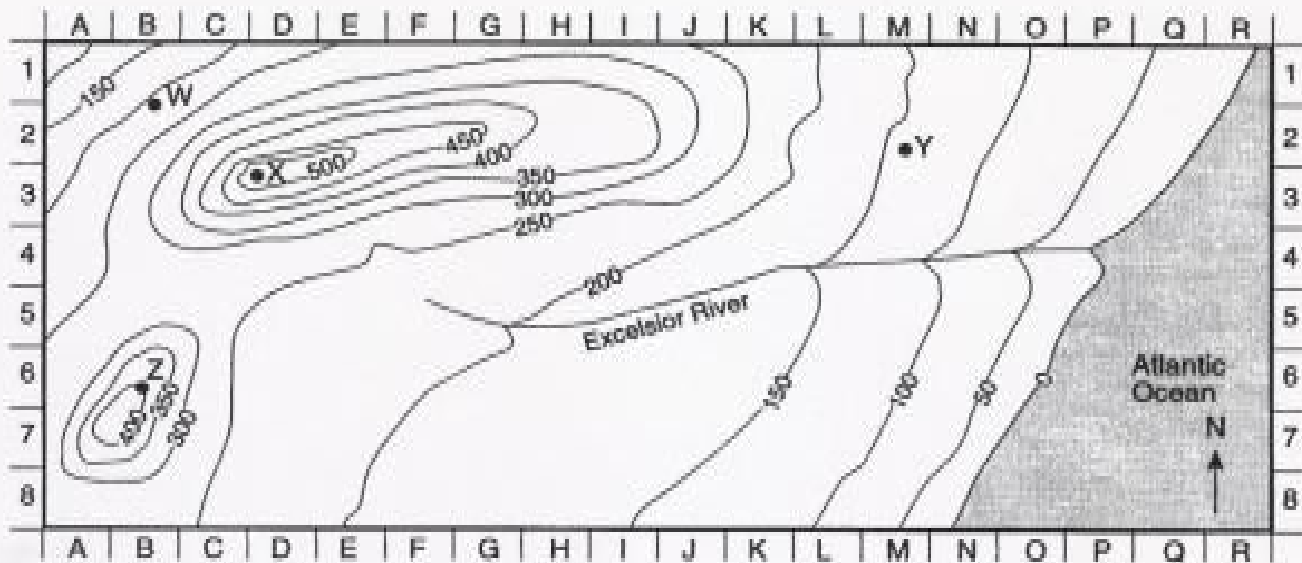


Name \_\_\_\_\_  
Date \_\_\_\_\_

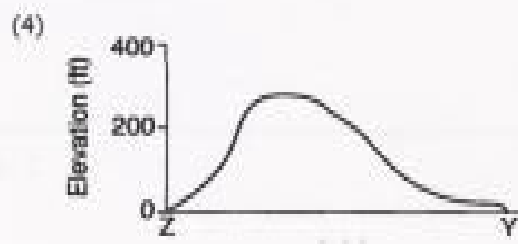
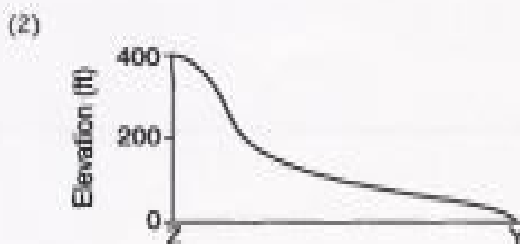
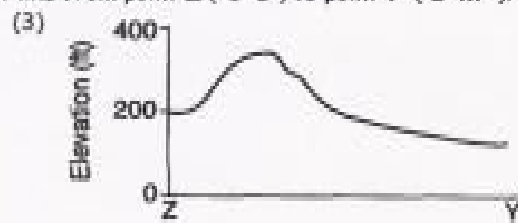
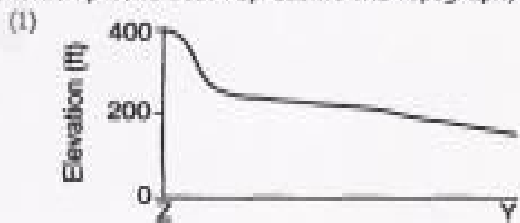
### Topo Maps

Earth Science  
Finelli

Base your answers to questions 1 through 5 on the *Earth Science Reference Tables* and 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.



- What is the approximate elevation at grid location 7-I ?  
 (1) 140 ft                      (2) 170 ft                      (3) 200 ft                      (4) 230 ft
- What is a possible elevation at point X (grid location 3-D) ?  
 (1) 488 ft                      (2) 548 ft                      (3) 558 ft                      (4) 598 ft
- If a person at point W (grid location 2-B ) travels uphill, in which direction is the person traveling?  
 (1) northwest                      (2) northeast                      (3) southwest                      (4) southeast
- What is the gradient of the entire length of the Excelsior River?  
 (1) 0.1 ft/mi                      (2) 11 ft/mi                      (3) 24 ft/mi                      (4) 48 ft/mi
- Which profile best represents the topography along a straight line from point Z ( 6-B ) to point Y ( 2-M ) ?



Name \_\_\_\_\_

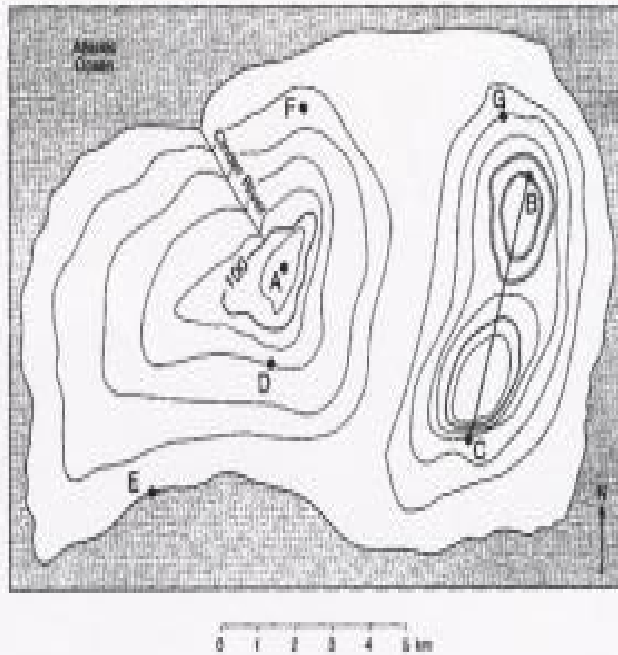
# Topo Maps

Earth Science

Date \_\_\_\_\_

Finelli

Base your answers to questions 1 through 5 on the contour map of an island below. Points *A* through *G* represent locations on the island. Elevations are in meters.



1. Which point is located on the steepest slope?

- (1) *F*                      (2) *B*                      (3) *C*                      (4) *D*

2. In which direction does the Cinder River flow?

- (1) southeast              (2) southwest              (3) northeast              (4) northwest

3. What is the contour interval for this map?

- (1) 10 m                      (2) 15 m                      (3) 20 m                      (4) 25 m

4. Which two points have the same elevation?

- (1) *G* and *F*                      (2) *B* and *D*                      (3) *C* and *D*                      (4) *G* and *C*

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

