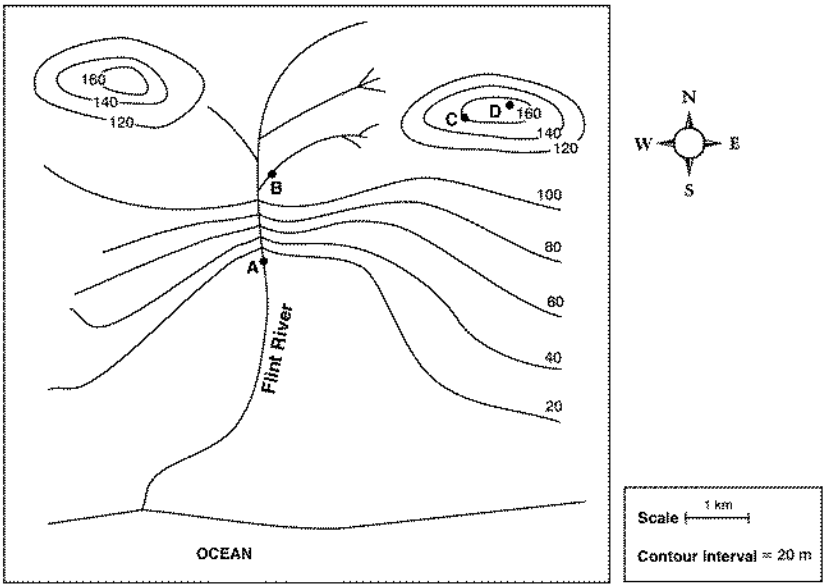
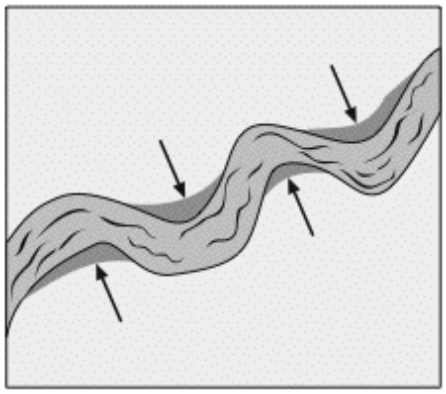
Use the topographic map below to answer the question.



_____ Throughout the area shown in the map, a thunderstorm dropped about seven centimeters of rain in less than two hours. Which point on the map would be in the greatest danger of flooding?

A. point A
B. point B
C. point C
D. point D

The diagram below shows a river.



_____ The shaded land areas on either side of the river were most likely formed by

A. tectonic activity.
B. the deposition of sediments.
C. land development by humans.
D. compression of preexisting rock.

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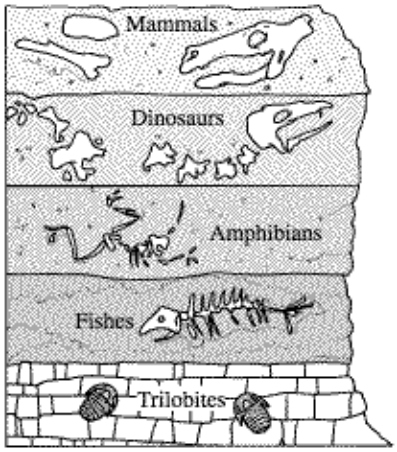
The diagram below represents a cross-section of a cliff. It shows several rock layers containing fossils.



_____ Which of the following layers of rock is **most likely** the youngest?

A. the layer containing trilobites
B. the layer containing fishes
C. the layer containing amphibians
D. the layer containing dinosaurs

_____ Where is an igneous rock such as pumice most likely formed?

A. in a desert
B. in a creek bed
C. near a volcano
D. under a glacier

_____ A researcher found shark fossils on top of a mountain. This evidence suggests which of the following about this region?

A. It was once below a waterfall.
B. It was once part of a riverbed.
C. It was once covered by an ocean.
D. It was once near a freshwater lake.

Earth's crust and rigid upper mantle are broken into enormous slabs called tectonic plates that interact at plate boundaries. The three types of plate boundaries are transform, divergent, and convergent.

a. Describe the plate movements at **two** of these boundaries.

b. Give one example of a formation created at **each** of the boundaries that you described in part a.