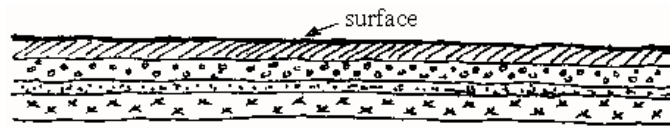


# At the gorge

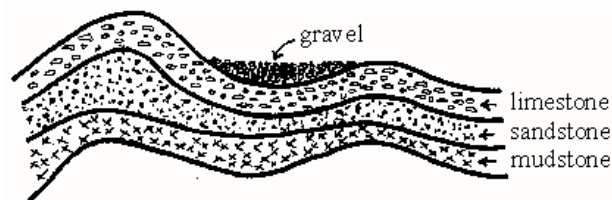
This task is about how rock layers are formed.



The sides of a river gorge have layers of earth like those shown in the diagram.

It is most likely these layers were formed by

*earthquakes and heavy rain | water erosion and silting | volcanoes and folding  
| prolonged droughts and high winds | glaciers and weathering*



What is the oldest layer of rock? *limestone | sandstone | mudstone*

A scientist said that the gravel had been deposited after the folding occurred. What evidence supports this statement?

Explain your answer.

Tim and Susan live on a hilly farm 20 km from the coast.

Tim said, "Tens of thousands of years ago the farm would have been on the side of a volcano."

Susan said, "No. It would have been under the sea then." This is a diagram of the rock layers underneath their house:



Who was right? *Tim | Susan*

Explain your answer:

