

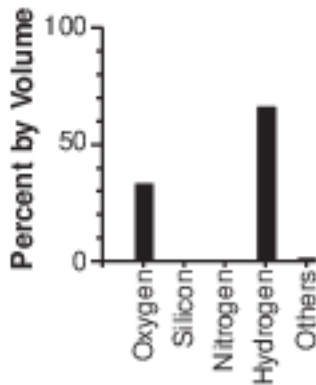
## Formation Of Oceans

1 Earth has sedimentary bedrock of marine origin that is four billion years old. Which inference can be made from this information?

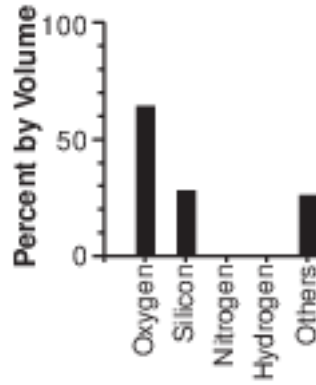
- (1) Earth had oceans four billion years ago.
- (2) Sedimentary rocks formed from magma when Earth cooled four billion years ago.
- (3) Most sedimentary rocks are at least four billion years old.
- (4) Life existed on Earth four billion years ago.

2 Which bar graph best shows the percent by volume of the elements that make up Earth's hydrosphere?

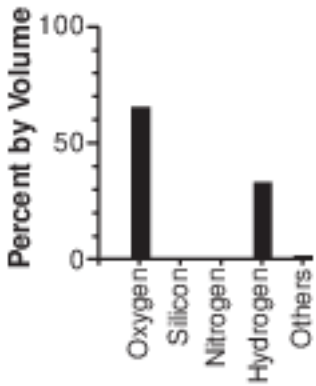
(1)



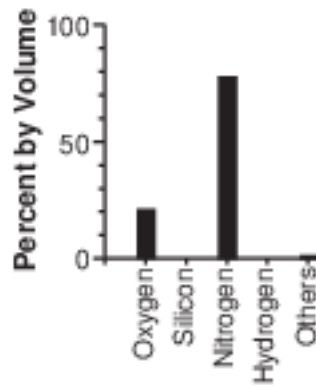
(3)



(2)



(4)



3 Which important geologic event in New York State occurred just after the Grenville Mountains were starting to erode?

- (1) Pangaea began to break up.
- (2) The Iapetus Ocean began to open.
- (3) The Catskill Delta formed.
- (4) The Taconic Mountains were eroded.

4 In the past, cyanobacteria produced oceanic oxygen that combined with iron in seawater to form iron oxide layers on ocean floors. These iron oxide layers were formed during the

- (1) Early Archean
- (2) Early Carboniferous
- (3) Late Archean
- (4) Late Carboniferous

## Answer Keys

1 1

2 1

3 2

4 3