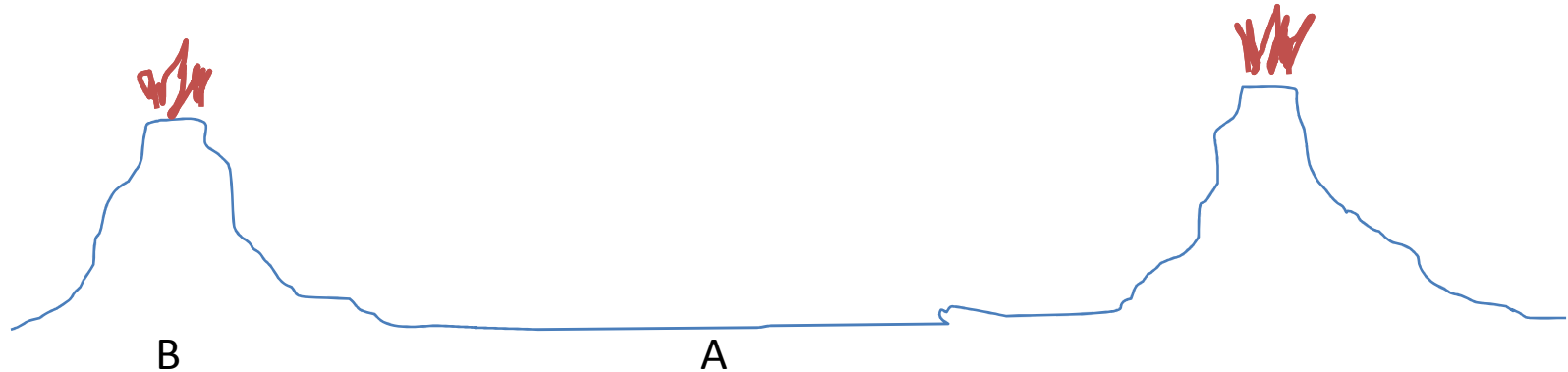


A scientist standing midway between two volcanoes (point A) sees the two volcanoes erupt simultaneously. In the reference frame of a scientist standing at point B, which volcano erupts first?

- A) The left one
- B) The right one
- C) They erupt at the same time
- D) Not enough information.



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A and B are in the same frame of reference since they are at rest relative to one another. Thus, the eruptions are simultaneous in B's frame of reference also. B sees the left volcano erupt first, since the light from that one arrives first, but the question is asking about when the eruptions actually happened.