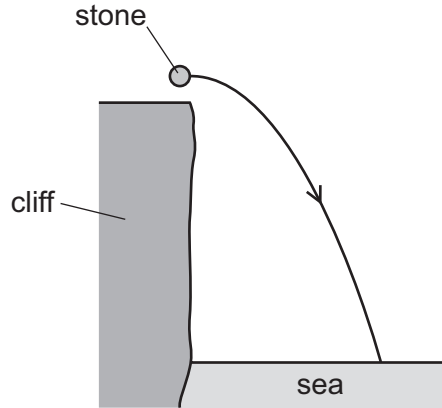


- 6** A stone is thrown horizontally from the top of a cliff and falls into the sea below. Air resistance is negligible. The path of the stone is shown.



In which direction does the resultant force on the stone act during its fall?

- A** horizontally to the right
- B** parallel to its velocity
- C** perpendicular to its velocity
- D** vertically downwards