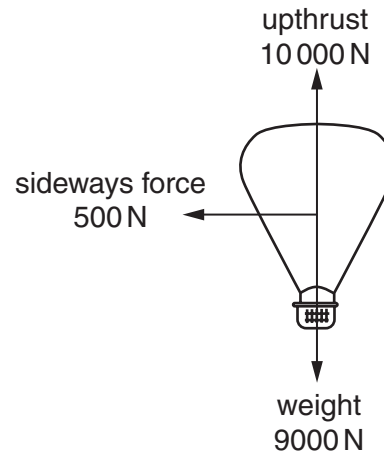


- 14** A balloon is acted upon by three forces, weight, upthrust and sideways force due to the wind, as shown in the diagram.



What is the vertical component of the resultant force on the balloon?

- A** 500 N      **B** 1000 N      **C** 10 000 N      **D** 10 500 N