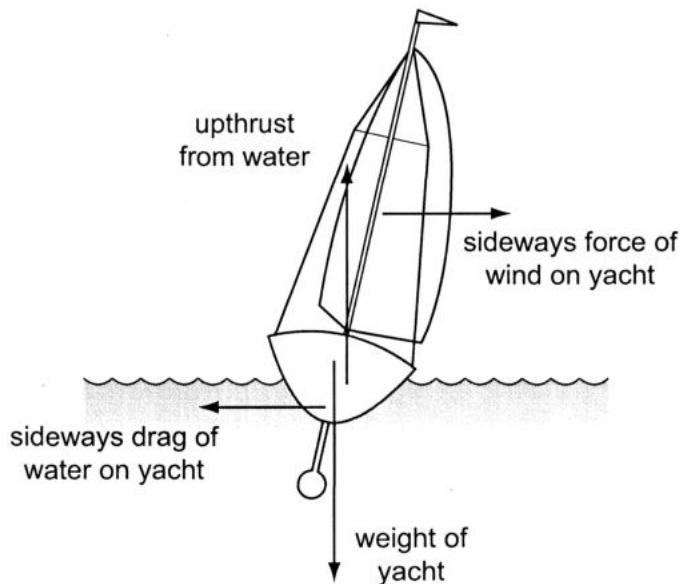


- 8 A yacht that is in equilibrium has two vertical and two horizontal forces acting on it.



Which statement about the forces is **not** correct?

- A The sideways drag from the water on the yacht is equal and opposite to the sideways force of the wind on the yacht.
- B The resultant of all four forces is zero.
- C The torque provided by the vertical forces is the same as the torque provided by the horizontal forces.
- D The upthrust from the water is equal and opposite to the weight of the yacht.