10 A speed boat with two engines, each of power 32 kW, can travel at a maximum speed of 14 m s^{-1}. The total drag force on the boat is directly proportional to the speed of the boat.

What is the maximum speed of the boat when only one engine is working?

A 3.5 m s^{-1} **B** 7.0 m s^{-1} **C** 9.9 m s^{-1} **D** 11 m s^{-1}