

- 12** A ball is falling at terminal speed in still air. The forces acting on the ball are upthrust, viscous drag and weight.

What is the order of increasing magnitude of these three forces?

- A** upthrust \rightarrow viscous drag \rightarrow weight
- B** viscous drag \rightarrow upthrust \rightarrow weight
- C** viscous drag \rightarrow weight \rightarrow upthrust
- D** weight \rightarrow upthrust \rightarrow viscous drag