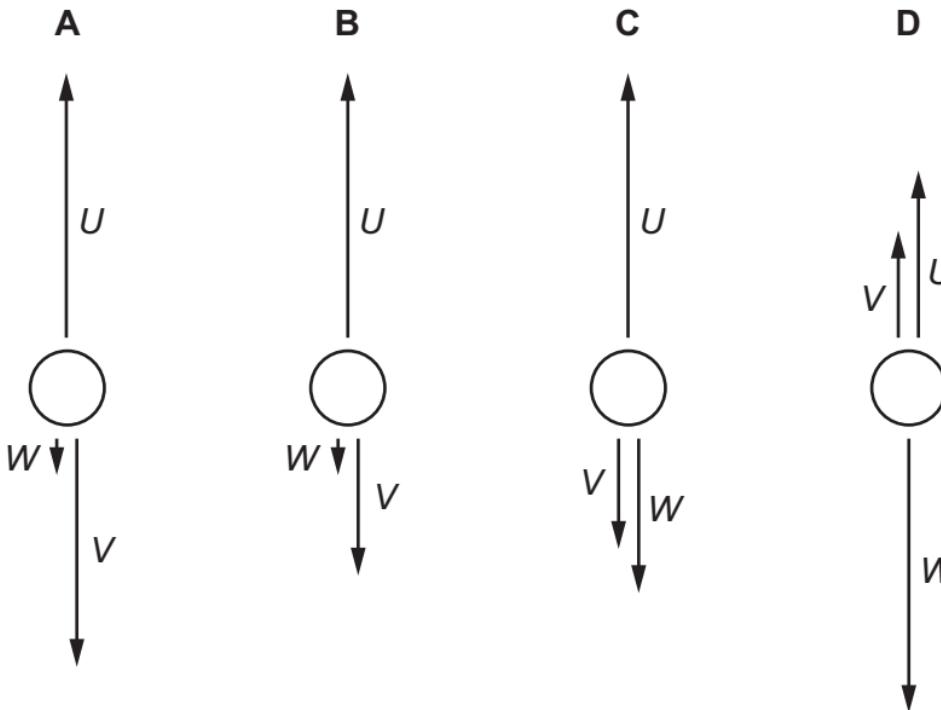


- 11 An air bubble is rising through a liquid at a constant speed. The forces on it are the upthrust U , the viscous drag V and its weight W .

Which diagram shows the directions and relative sizes of the forces?



- 12 A student did an experiment to find the viscosity of water.