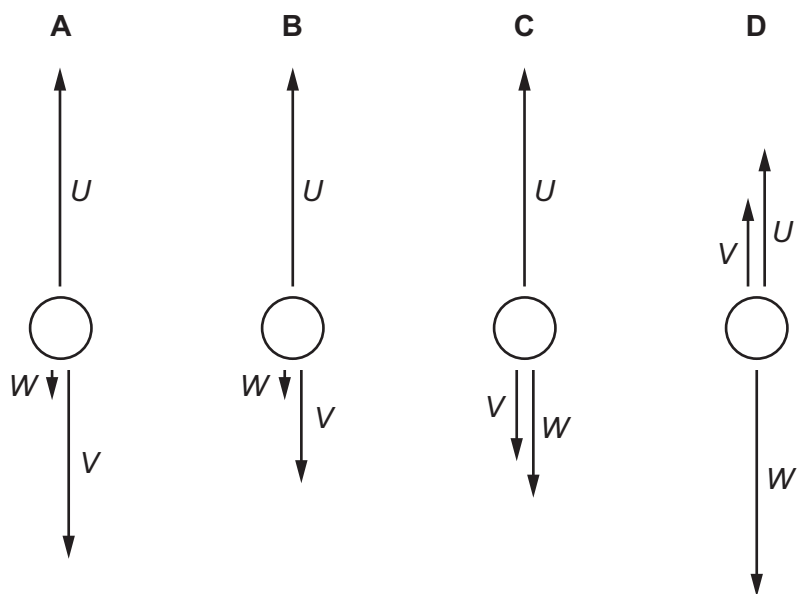


- 11** An air bubble is rising through a liquid at a constant speed. The forces on it are the upthrust U , the viscous drag V and its weight W .

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



- 12** A couple applies a clockwise torque of 9.0 N m to a circular disc.

Which diagram shows this couple?

