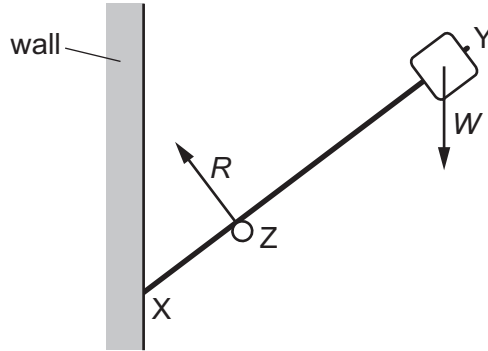


- 14** A light rigid rod XY has an object of weight W fixed at one end. The rod is in equilibrium, resting on a support at Z and a vertical wall at X . The support exerts a force R on the rod as shown. The diagram shows the directions, but not the magnitudes, of the forces R and W .



What is the direction of the force on the rod at X ?

A



B



C



D



15 A liquid of density ρ is contained in a U-tube of uniform cross-section.