

Answer on Question #53842, Physics Mechanics Kinematics Dynamics

Using the forces of adhesion and cohesion, explain why water has a concave meniscus and mercury has a convex meniscus.

Answer

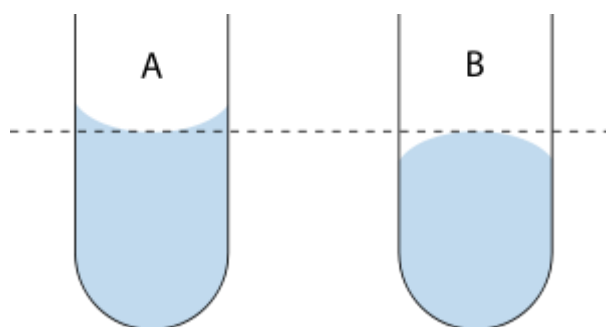


Fig.1

If the liquid wets a solid body, a concave meniscus is formed in the liquid. If the liquid does not wet the solid body forms a convex meniscus of liquid.