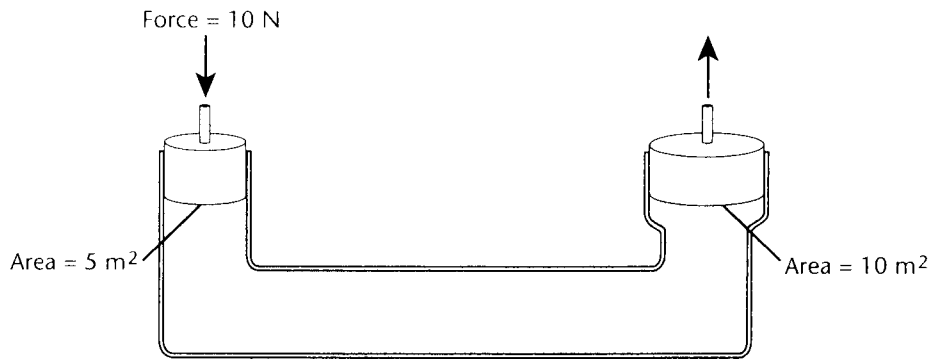


Forces in Fluids ▪ *Review and Reinforce*

Pascal's Principle

Answer the following questions in the spaces provided.

1. What is Pascal's principle?
When pressure on a confined fluid changes, the change is transmitted equally to all parts of the fluid
2. The diagram below shows a fluid-filled tube that multiplies the force applied by the smaller piston. What is the device called?
A hydraulic device
3. As the left piston presses down with a force of 10 N, 2 Pa of pressure is pushing against it. What is the pressure on the right piston?
2 Pa
4. The force exerted by the left piston is 10 N. What is the force exerted by the right piston?
20 N



Forces in Fluids