

Forces in Fluids ▪ *Review and Reinforce*

Pascal's Principle

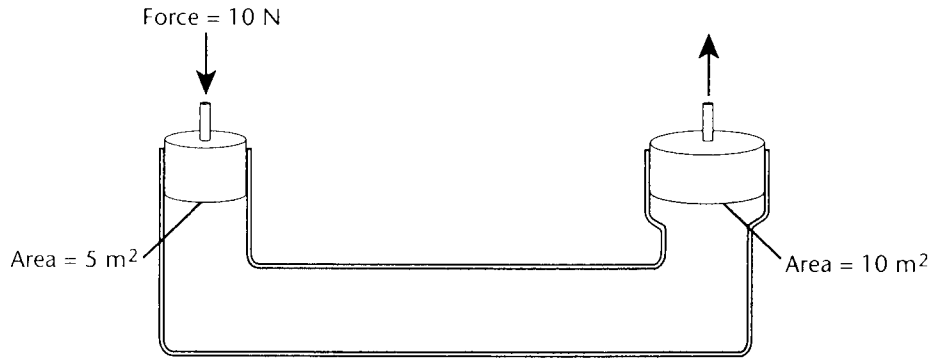
Answer the following questions in the spaces provided.

1. What is Pascal's principle?

2. The diagram below shows a fluid-filled tube that multiplies the force applied by the smaller piston. What is the device called?

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?

4. The force exerted by the left piston is 10 N. What is the force exerted by the right piston?



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