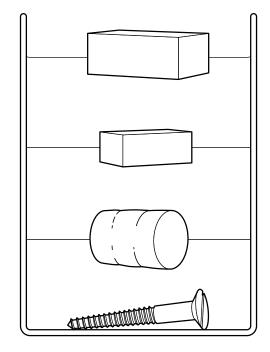


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	Name:	Form:
(See pages 16 and 17 of Forces in ac	tion

Floating

If something floats, it means that the force pressing down is balanced by the force pressing up.

- **Q1.** There are three liquids in the beaker in the diagram. The liquids are water, syrup and oil. Label them on the diagram.
- **Q2.** What happens to the weight of a brick when the brick is put in water?



- Q3. Why does the weight of the brick change when it is put in water?

- Q4. Why does a brick sink?

- **Q5.** How do you stop a ball of Plasticine from sinking?
- **Q6.** (i) Which liquid in the beaker is the most dense?
- (ii) Which liquid in the beaker is the least dense?
- (iii) Put an X on an object with is less dense than all the liquids.
- (iv) Put a Y on an object which is denser than all the liquids.
- (v) Put a Z on an object which is denser than one liquid but less dense than another.