



Name: Form:

See pages 16 and 17 of *Forces in action*

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.

