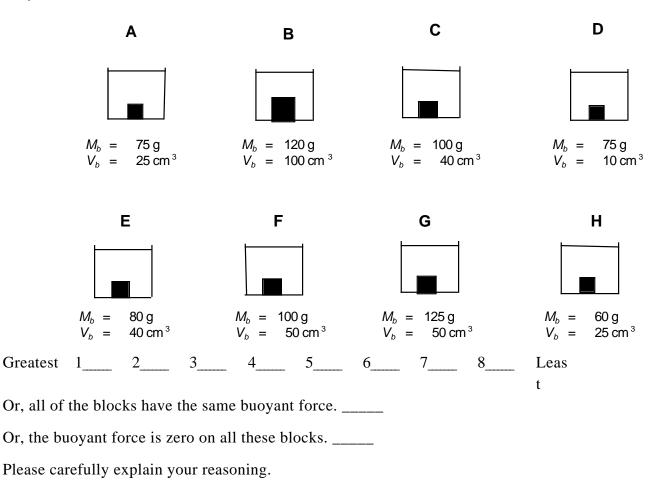
Blocks at the Bottom of Liquids—Buoyant Force ¹⁰⁶

Shown below are eight containers that have the same volume of the same liquid in them. Blocks of various solids are at the bottom of the containers. The blocks vary in both size and mass. Specific values for the masses labeled as M_b and volumes labeled as V_b of the blocks are given in each figure.

Rank these situations, from greatest to least, on the basis of buoyant force on the blocks. That is, put first the situation that has the greatest buoyant force on the block, and put last the situation that has the lowest buoyant force on the block.



How	sure were y	ou of your	ranking?	(circle one))					
Basically Guessed				Sure				Very Sure		
1	2	3	4	5	6	7	8	9	10	