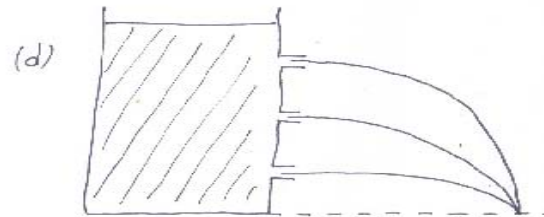
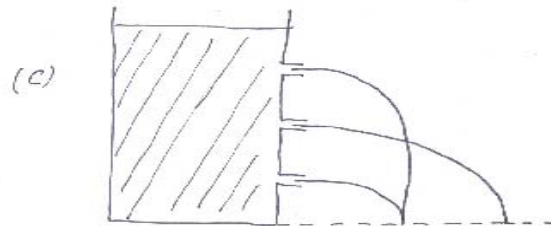
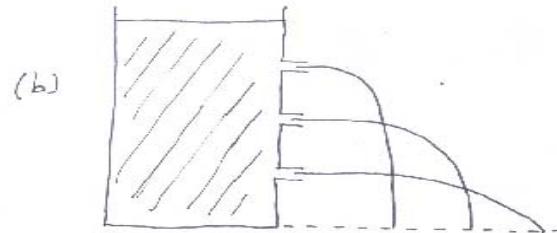
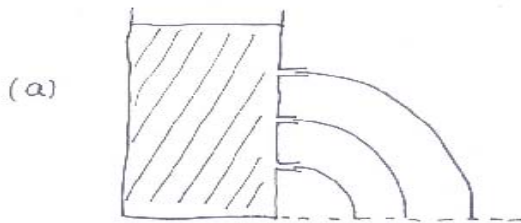


Consider a tank of liquid whose top is open to the atmosphere. The level of the liquid is a distance h from the bottom of the tank, which is at ground level. Three spouts on the side of the tank are placed at heights $h/4$, $h/2$ and $3h/4$ above the ground. Fluid shoots out of each spout and each fluid stream eventually reaches the ground. Four possible sketches are shown displaying where the three fluid streams reach the ground.



Which sketch is the most accurate (assuming all trajectories shown are parabolic in shape)?