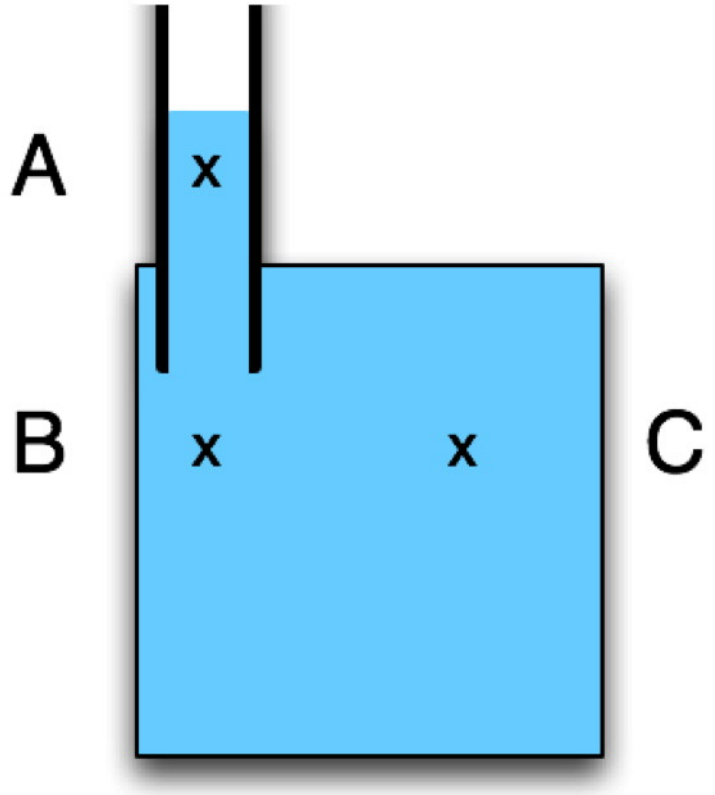
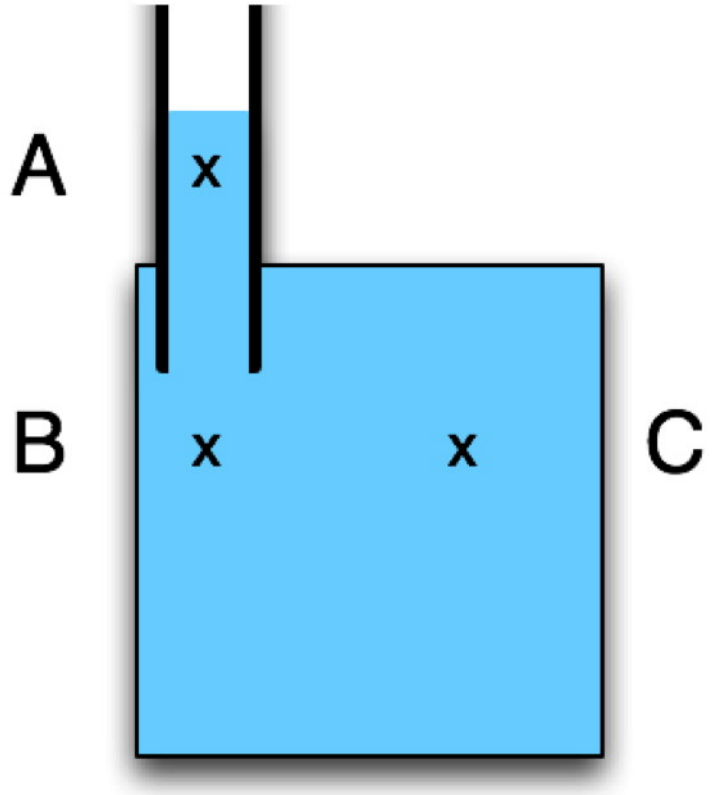
The gasoline can shown in the figure below is filled so that the gasoline goes up into the spout. How does the pressure at A and B compare?

A. $P_A > P_B$
B. $P_A = P_B$
C. $P_A < P_B$
D. You can't tell from the information given



The gasoline can shown in the figure below is filled so that the gasoline goes up into the spout. How does the pressure at B and C compare?

A. $P_C > P_B$
B. $P_C = P_B$
C. $P_C < P_B$
D. You can't tell from the information given



Consider the containers at right. Which of the following correctly compares the *pressure* (P) of the water at the bottoms of the containers?

A. $P_1 = P_2 = P_3$

B. $P_3 > P_1 > P_2$

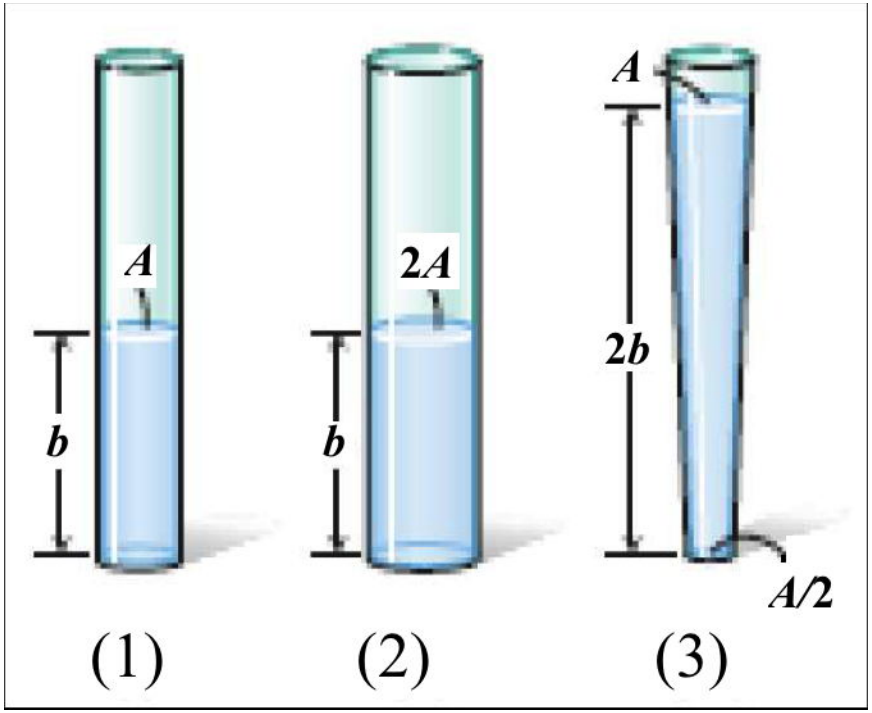
C. $P_3 > P_1 = P_2$

D. $P_2 > P_1 > P_3$

E. $P_1 = P_2 > P_3$

F. $P_2 > P_1 = P_3$

G. None of these



Consider the containers at right. Which of the following correctly compares the *force* (F) exerted by the water on the bottoms of the containers?

A. $F_1 = F_2 = F_3$

B. $F_3 > F_1 > F_2$

C. $F_3 > F_1 = F_2$

D. $F_2 > F_1 > F_3$

E. $F_1 = F_2 > F_3$

F. $F_2 > F_1 = F_3$

G. None of these