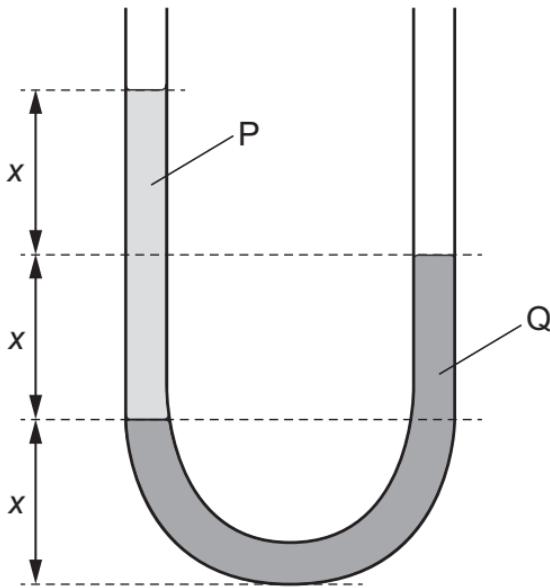


- 16 The diagram shows two liquids, labelled P and Q, that do **not** mix. The liquids are in equilibrium in an open U-tube. Three equal distances  $x$  are labelled.



What is the ratio  $\frac{\text{density of P}}{\text{density of Q}}$  ?

A  $\frac{1}{2}$

B  $\frac{2}{3}$

C  $\frac{3}{2}$

D 2