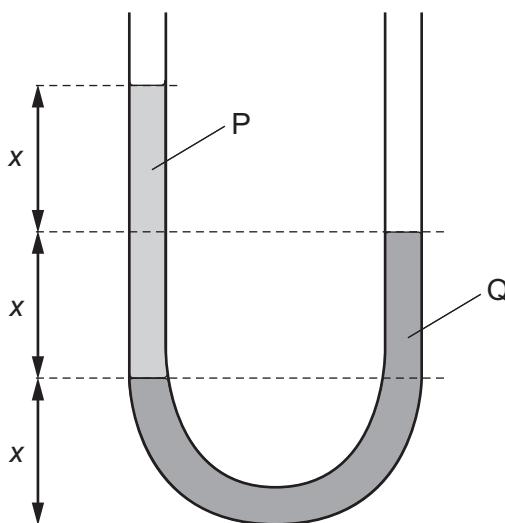


- 22** The diagram shows two liquids, labelled P and Q, which do **not** mix. The liquids are in equilibrium in an open U-tube.



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

Space for working