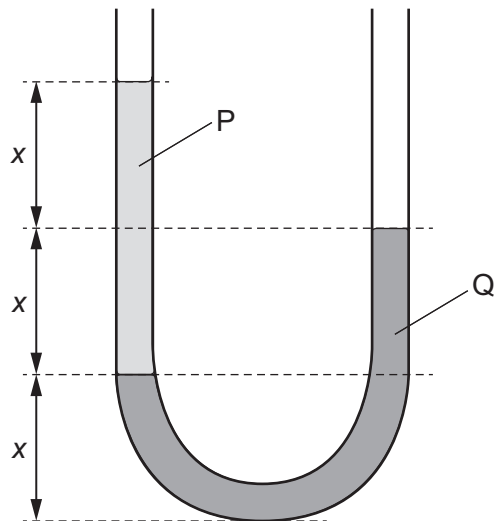


- 16** The diagram shows two liquids, labelled P and Q, that do **not** mix. The liquids are in equilibrium in an open U-tube. Three equal distances  $x$  are labelled.



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