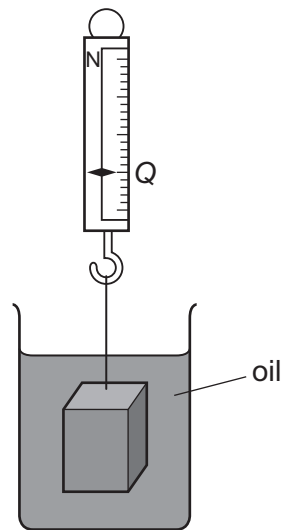
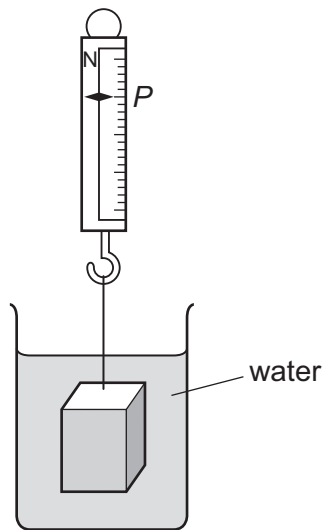


- 14 An object of weight  $W$  is suspended from a newton meter. When the object is completely immersed in water, the newton meter reads  $P$ . When the object is completely immersed in oil, the newton meter reads  $Q$ .



What is the ratio  $\frac{\text{density of oil}}{\text{density of water}}$ ?

A  $\frac{W - P}{Q - P}$

B  $\frac{Q - P}{W - P}$

C  $\frac{W - P}{W - Q}$

D  $\frac{W - Q}{W - P}$