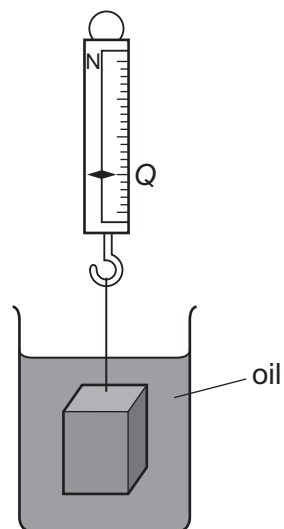
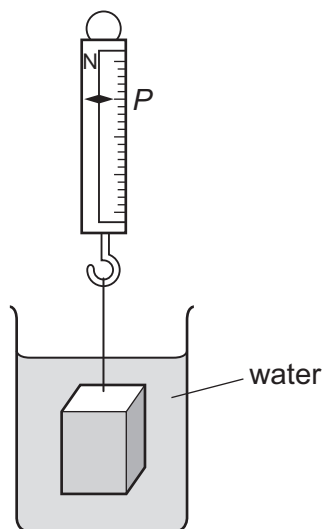


- 11 An object of weight  $W$  is suspended from a newton meter. When the object is completely immersed in water, the newton meter reads  $P$ . When the object is completely immersed in oil, the newton meter reads  $Q$ .



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

- 12 Which diagram shows a couple?

