

**21** At a depth of 20 cm in a liquid of density  $1800 \text{ kg m}^{-3}$ , the pressure due to the liquid is  $p$ .

Another liquid has a density of  $1200 \text{ kg m}^{-3}$ .

What is the pressure due to this liquid at a depth of 60 cm?

- A**  $\frac{p}{2}$       **B**  $\frac{3p}{2}$       **C**  $2p$       **D**  $3p$

**22** Which line in the table gives approximate ratios of density and molecular spacing for a substance