

- 18** Liquids X and Y are stored in large open tanks. Liquids X and Y have densities of  $800 \text{ kg m}^{-3}$  and  $1200 \text{ kg m}^{-3}$  respectively.

At what depths are the pressures equal?

	depth in liquid X	depth in liquid Y
<b>A</b>	8 m	12 m
<b>B</b>	10 m	10 m
<b>C</b>	15 m	10 m
<b>D</b>	18 m	8 m

- 19** When white sugar granules are heated, they melt. When the melt is cooled quickly, a brittle solid