1.90   Estimate the minimum absolute pressure (in pascals)
that can be developed at the inlet of a pump to avoid cavitation
if the fluid is carbon tetrachloride at 20 °C.

Cavitation may occur when the suction pressure
at the pump inlet equals the vapor pressure.
For carbon tetrachloride at 20°C $p_v = 13$ kPa (abs).
Thus, minimum pressure = <u>13 kPa (abs)</u>