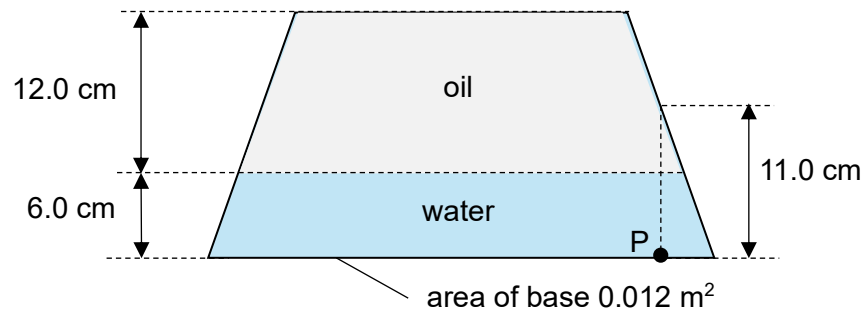


- 5 A container is filled with oil and water. The oil has a mass of 0.40 kg and density 750 kg m^{-3} . The water has a mass of 0.30 kg and density 1000 kg m^{-3} .



What is the pressure exerted by the oil and water at point P on the base of the container?

- A** $5.7 \times 10^2 \text{ Pa}$ **B** $9.6 \times 10^2 \text{ Pa}$ **C** $1.5 \times 10^3 \text{ Pa}$ **D** $1.0 \times 10^5 \text{ Pa}$