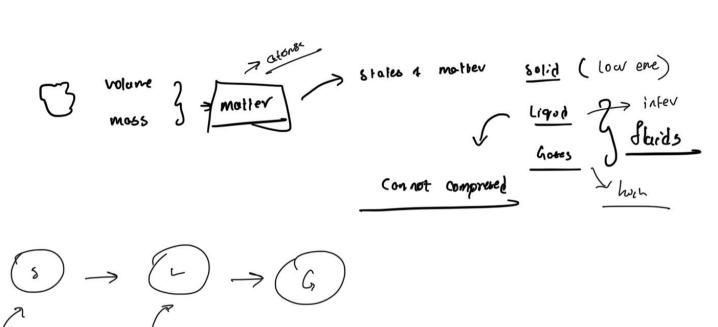
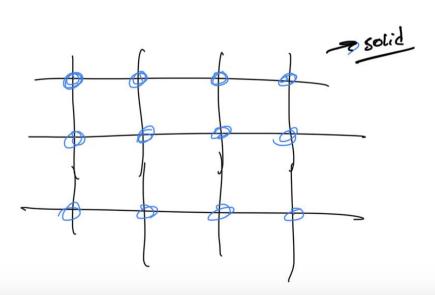
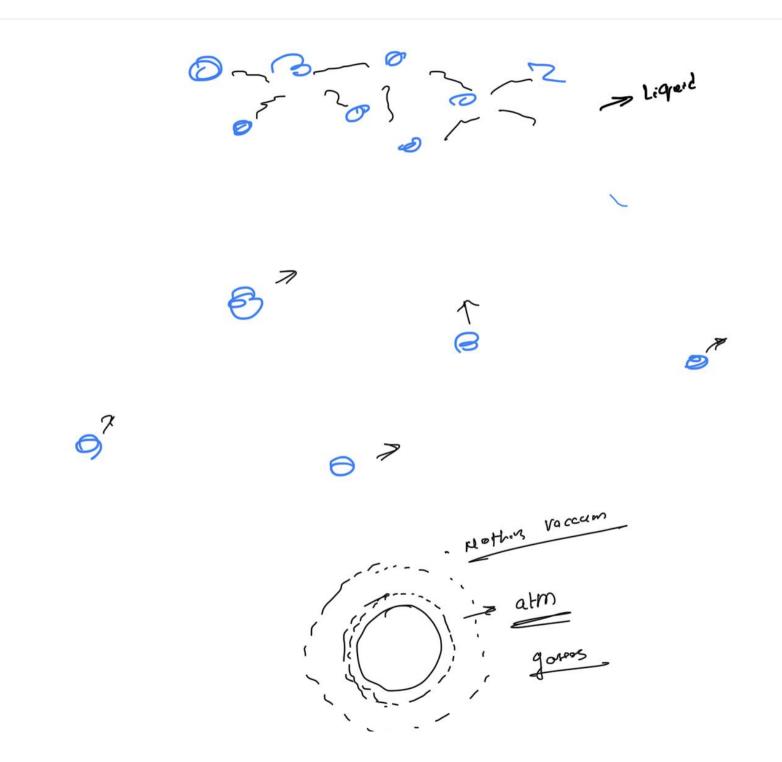
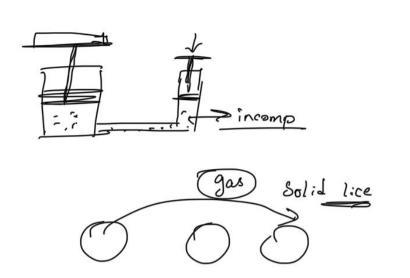
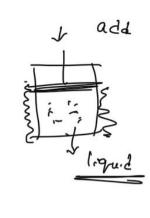
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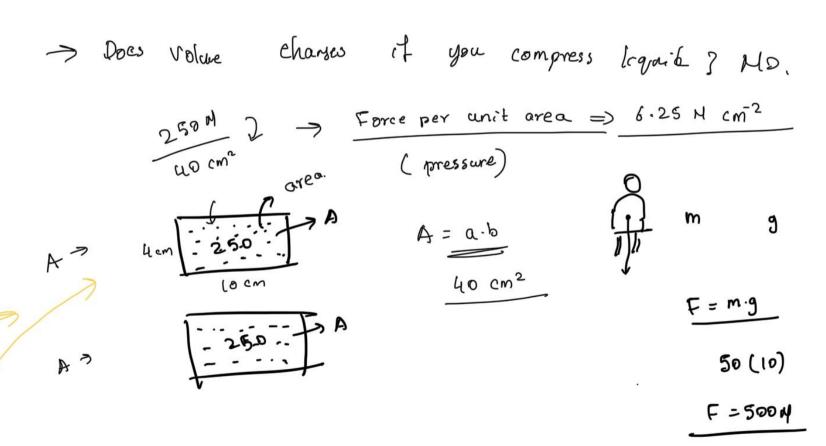












\* Find the force acting on a surface whose area (rectangular)

is 
$$40 \text{ cm}^2$$
 and the pressure acting on the surface  $4:25$ 

10

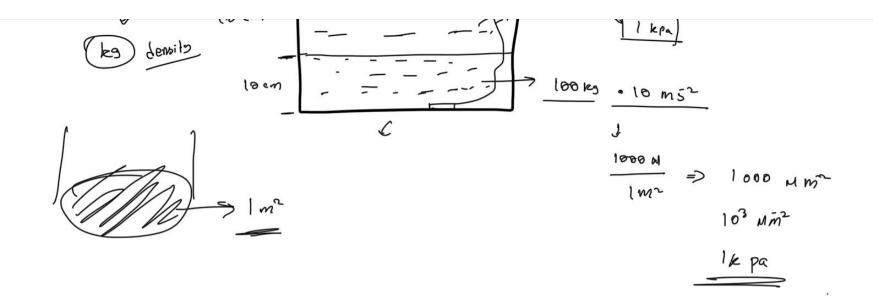
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\* convert the 6.25 H cm² into pascals.

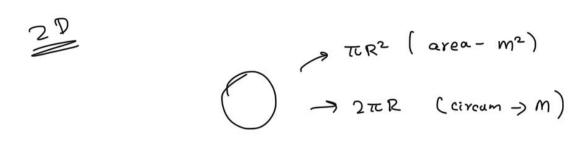
$$l cm^2 = \left(\frac{l}{100}\right)^2 m^2$$

$$\frac{6.25 \text{ N}}{10^{4} \text{ m}} = \frac{6.25 \text{ H}}{10^{4} \text{ m}} \Rightarrow \frac{6.25 \text{ K} 10^{4}}{10^{4} \text{ m}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ N} \text{ m}^{2}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ N}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ N}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ N}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{ m}^{2}}{10^{4} \text{ M}} \Rightarrow \frac{62.5 \text{ K} 10^{3} \text{ N} \text{$$

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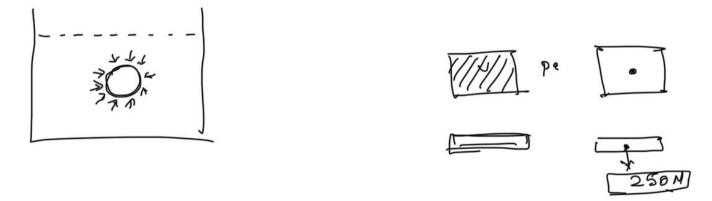


# Find the mass in kg for 1L of water. Given the density of crater is 1000 kg/m<sup>3</sup> [Note: density of liquid (kg) (mg) = 
$$\frac{mass}{volame(mg)}$$



3P 
$$\Rightarrow 4\pi\tau^2 \text{ (area-of the sphere)} \Rightarrow$$

$$\Rightarrow \frac{4}{3}\pi\tau^3 \text{ (volume )} \Rightarrow m^3$$



. Find the Force acting on a squarical ball when a pressure of 1 pa is applied on a by the liquid on the balls surface. Assure r = 1em.