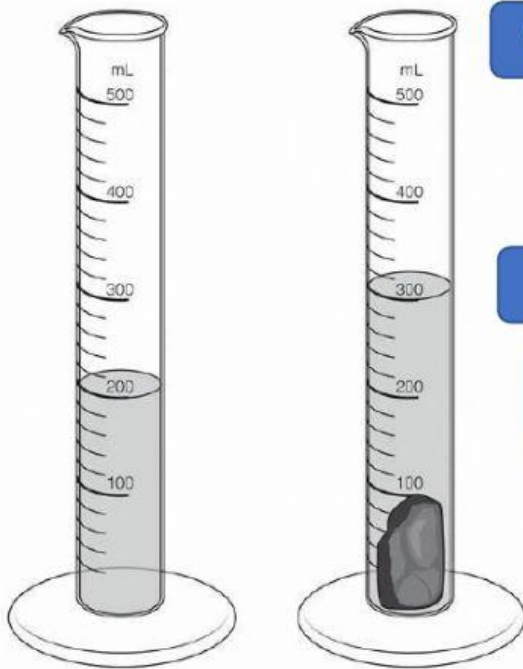


## Calculate the density of objects



Volume of Rock

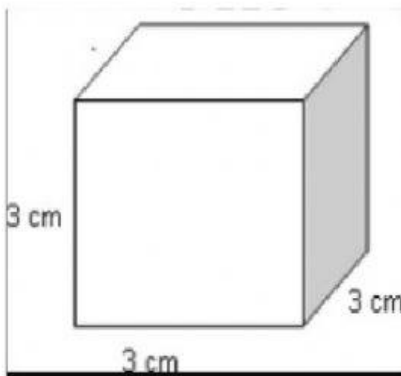
$$\begin{aligned} &= \boxed{\phantom{000}} - \boxed{\phantom{000}} \\ &= \boxed{\phantom{000}} \text{ Cm}^3 \end{aligned}$$

Mass of Rock

$$= 200 \text{ Grams}$$

Density of Rock

$$\begin{aligned} &= \boxed{\phantom{000}} \div \boxed{\phantom{000}} \\ &= \boxed{\phantom{000}} \text{ Grams/cm}^3 \end{aligned}$$



Volume of Block

$$\begin{aligned} &= \boxed{\phantom{000}} \times \boxed{\phantom{000}} \times \boxed{\phantom{000}} \\ &= \boxed{\phantom{000}} \text{ Cm}^3 \end{aligned}$$

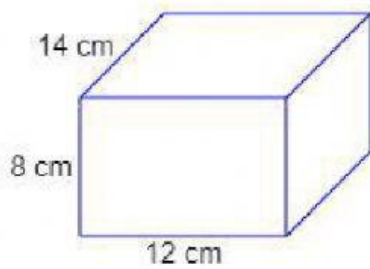
Mass of Rock

$$= 135 \text{ Grams}$$

Density of Rock

$$\begin{aligned} &= \boxed{\phantom{000}} \div \boxed{\phantom{000}} \\ &= \boxed{\phantom{000}} \text{ Grams/cm}^3 \end{aligned}$$

*Sreekanth Ramachandran*



Volume of Block

$$= \square \times \square \times \square$$

$$= \square \text{ Cm}^3$$

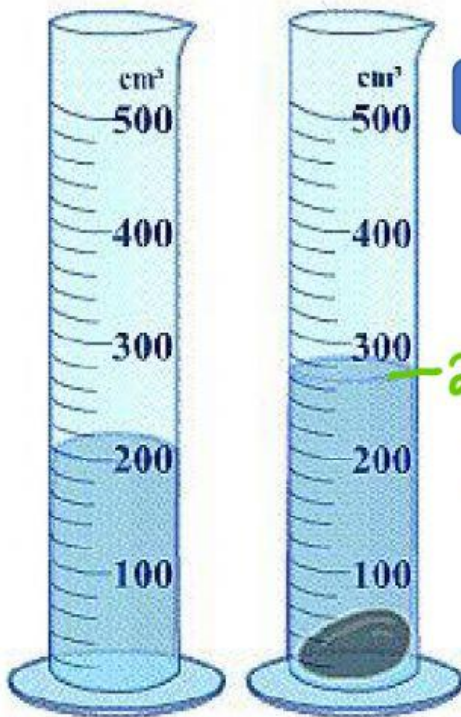
Mass of Rock

$$= 8064 \text{ Grams}$$

Density of Rock

$$= \square \div \square$$

$$= \square \text{ Grams/cm}^3$$



Volume of Rock

$$= \square - \square$$

$$= \square \text{ Cm}^3$$

Mass of Rock

$$= 200 \text{ Grams}$$

Density of Rock

$$= \square \div \square$$

$$= \square \text{ Grams/cm}^3$$

Sreekanth Ramachandran