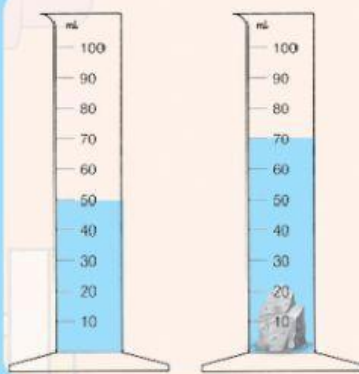


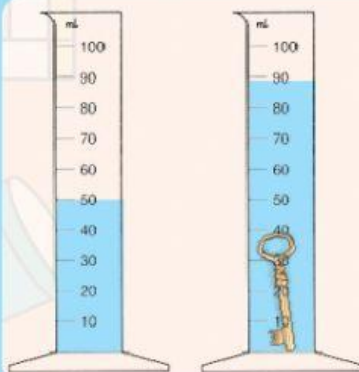
CALCULATING DENSITY

$$D = \frac{m}{v}$$

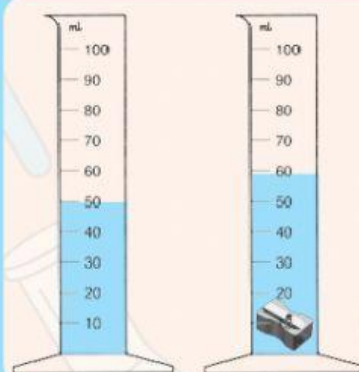
Density is the amount of matter that occupies a space.
We can calculate it by **dividing** the **mass** (g or kg) by the **volume** (ml or l)



- Mass of rock:
- Volume of rock: -
= ml
- Density: $\frac{\text{ }}{\text{ }} = \text{ } \text{ g/ml}$



- Mass of key:
- Volume of key: -
= ml
- Density: $\frac{\text{ }}{\text{ }} = \text{ } \text{ g/ml}$



- Mass sharpener:
- Volume of sharpener: -
= ml
- Density: $\frac{\text{ }}{\text{ }} = \text{ } \text{ g/ml}$