PROPERTIES OF MATTER



Complete with the properties of matter.

VOLUME	THERMAL CONDUCTIVITY	SOLUBILITY
DENSITY	MASS	HARDNESS

	It is the **amount of matter** in an object. We measure it in **grams or kilograms.**
	It is the **amount of space** an object occupies. We measure it in **litres or mililitres**.
	It is the ability of certain objects to **conduct or transfer heat**. Most **metals** are good heat conductors.
	It is the ability of a substance to **dissolve** in another substance.
	It is the **scratch-resistance** of a solid. Diamonds are the hardest natural solids.
	It is the **amount of matter in a volume**. We measure density in kilograms per litre (Kg/l). It explains why some objects float in water while others sink.