Match the words about the properties of matter.

Volume	amount of matter	thermal conductor and insulator
Mass	how resistant is an object	soluble and insoluble
Density	amount of space	diamond
Hardness	how can a material conduct heat	millilitres (ml)
Solubility	amount of matter in a volume	grams (g)
Thermal conductivity	the ability to be dissolved	kilogram per litre (kg/l)

Write the balls in order according to mass, from the lowest to the highest. Then, write them according to volume.

Billiard ball 160 g	Marble 18,5 g	Beach ball 50 g	Table tennis ball 2,7 g	Bowling ball 6 kg	Golf ball 45 g

Mass: _____

Volume: _____

Complete the sentences with the words from the box. Then match each sentence to the pictures:

space	floats	lighter	volume	matter	density

a. The cork has lower _____ than water so it _____.

b. The feather is _____ than the book because it has less _____.

c. The can has less _____ than the balloon because it occupies less _____.

LIVEWORKSHEETS