

# Density

## 1. Match to make correct sentences

- a. Density indicates how much mass
- b. If a small object has a lot of mass
- c. Objects of the same size
- d. To calculate the density of an object

- 1. we divide its mass by its volume.
- 2. can have very different densities.
- 3. is concentrated in an object.
- 4. it has a high density.

## 2. Read and write A, B or C.

A

mass  $\div$  volume = density

B



scales

C



cylinder

- 1. We use this to measure volume.
- 2. We use this to measure mass.
- 3. We use this to calculate density.

## 3. Look at the table. Write true or false.

	bowling ball	football
volume	1,000cm <sup>3</sup>	1,000cm <sup>3</sup>
mass	7kg	450g

- a. The balls have the same volume. \_\_\_\_\_
- b. The balls have the same mass. \_\_\_\_\_
- c. The bowling ball has a lower density than the football. \_\_\_\_\_