Matter, mass, volume and density.

1.Write volume (V) or mass (M).

You can measure it with a scale or balance. ■

You can measure it in grams. ■

You can measure it with a measuring cup. ■

The amount of matter an object contains. ■

The amount of space matter occupies. ■

You can measure it in liters. ■

2.What are the three states of matter?

3.Complete the definition of about density. Use the words in the box. There is one extra word.

amount	volume	space	mass	density

Density is how much an object occupies and the of matter it contains.You can find the of an object if you divide its mass by its .

4.Match each word with its measurement element.

Grams or Kilograms

Mass

Volume

Cubic decimeter or litre

Matter, mass, volume and density.

5.Compare the density of this objects. Choose the correct option and complete the sentences.



High / low density



High / low density

Objects with density float.

Objects with density sink.