

## Crossword – Density

Fill in the following using the following words: **length, mass, unit, sinks, volume, balance, cylinder, floats.**

### Horizontal

- The \_\_\_\_\_ of a substance tells us how much matter (particles) is contained in that substance.
- Density is found by using the formula: density = mass/\_\_\_\_\_.
- The \_\_\_\_\_ of density are:  $\text{kg/m}^3$  or  $\text{g/m}^3$ .
- The mass of an object is measured using a \_\_\_\_\_

### Vertical:

- We can find the volume of a cube using: Volume = \_\_\_\_\_ x Breadth x Height
- An object \_\_\_\_\_ in a liquid of smaller density than its own.
- An object which is less dense than water (that is it have a density less than  $1000 \text{ kg/m}^3$ ) will \_\_\_\_\_ in water.
- A measuring \_\_\_\_\_ is used to measure the volume of a liquid.

