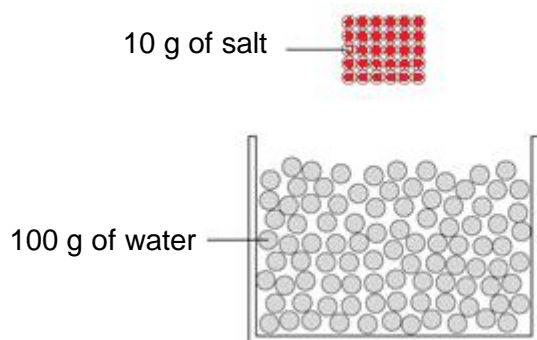


Particles and dissolving

100	110	120	130	dissolves	fixed	mix
particles	salt	solute	solution	water	mass	

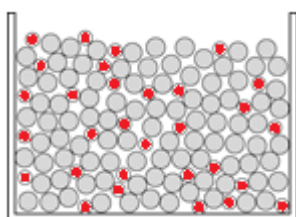
1 Fill in the gaps in these sentences using words from the box above.

Each word may be used once, more than once, or not at all.



The particles in _____ cannot move; they are held together in a _____ arrangement.

The _____ in water can move around.



When the salt _____ the salt _____ are not held together any more.

They _____ with the _____ particles to form a _____.

The mass of the solution will be _____ g.

If we had dissolved 20 g of salt in the water, the _____ of the solution would have been _____ g.

big filter gaps paper salt sand small trap water

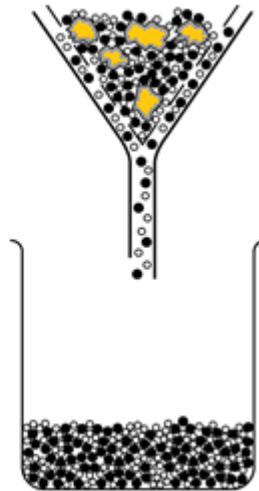
2

Key

○ = _____

● = _____

☉ = _____



This diagram shows a mixture of sand and salty water being filtered.

Fill in the key and the gaps in these sentences using words from the box.

You may need to use some words more than once.

You can use _____ paper to separate _____ from salty water.

The sand grains are too _____ to go through the tiny _____ in the filter paper.

The filter will not _____ the particles of salt, because they are very _____.

They will fit through the gaps in the filter _____.