

Matter

2. Separating mixtures

CONCEPT 3

TEST YOURSELF

SOLUTIONS

KNOW

- Q1 What word can be used to describe substances that do not dissolve in a particular liquid?
- Q2 What name is given to a mixture of a solute and a solvent?

APPLY

- Q3 Sand is insoluble in water. Salt is soluble in water.

How could a chemist remove the sand from a mixture of salt and sand? What needs to be done to get a pure dry sample of the salt?

EXTEND

- Q4 Why will filtering a solution of copper sulfate solution will not allow you to separate the copper sulfate from the water?