

Name:

Class:



The boxes below show some methods of separating mixtures.

1. Filtration	2. Distillation	3. Evaporation
4. Fractional distillation	5. Chromatography	6. Use a separating funnel

Give the numbers of the boxes for your answers.

- i. Which method can be used to separate solid salt from salt solution?

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- ii. Which method can be used to obtain a solid from a mixture of solid and solution?

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- iii. Which method can be used to separate a solvent from a solution?

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- iv. Which method can be used to separate a mixture of two miscible liquids with different boiling points?

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- v. Which method can be used to make pure water from sea water?

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- vi. Which method can be used to separate coloured dyes in a solution?

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Circle the correct answers.

Atoms are the smallest unit of?

Mixtures

Gases

Elements

Wasp stings are mildly alkaline. The best treatment for a wasp sting would be?

Vinegar

Sodium hydroxide solution

Metals are usually?

Magnetic

Brittle

Solids

Particles are most spread out in?

Solutions

Liquids

Solids

Gases

A sample of magnesium was dropped into some copper(II) sulfate solution.

Write a word equation for the reaction that would occur.

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