



Name: Form:

See pages 18 and 19 of *Solids and liquids*

Mixtures

When you mix some materials together, they do not change, and so you can sometimes separate them out again.

Q1. The diagram shows particles of coffee in water. A grain of sugar is added. In the box below right, draw how the sugar particles are arranged when the sugar has dissolved.

Q2. Name two liquids that can be mixed.

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Q3. How do you mix flour grains and sugar crystals?

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Q4. What is the word for a clear liquid mixture?

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Q5. What is the process in which a solid mixes with a liquid and disappears into it?

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Q6. (i) Is there a limit to how much solid you can

(a) mix with another solid?

(b) mix with a liquid?

(ii) How can you tell when the limit is reached?

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