



Name: ..... Form: .....

See pages 4 and 5 of *Dissolving*

# What is dissolving?

**When something dissolves, it breaks up into tiny pieces that scatter evenly in a liquid.**

**Q1.** What seems to happen to sugar crystals when they dissolve in water?

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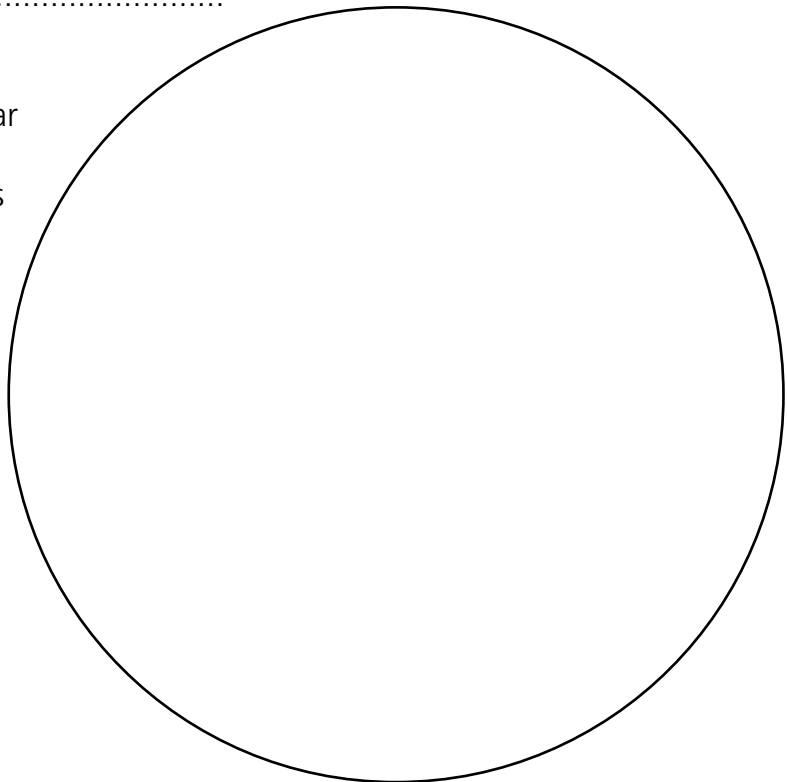
**Q2.** How could you test the water to see if it contained sugar?

 .....

**Q3.** What happens to the water when coffee grains dissolve in it?

 .....

**Q4.** The circle shows part of a liquid which has coffee and sugar dissolved in it. Draw how the coffee, sugar and water particles are arranged in the liquid.



**Q5.** A dissolved substance and the liquid it is dissolved in form a mixture. What is this mixture called?

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**Q6.** (a) Name a liquid that dissolves in water; (b) name a gas that dissolves in water.

(a)  .....

(b)  .....