

Dissolving sugar II

This task is about the surface area of a substance.

Surface area is how much area of a substance is exposed to the outside.



crushed grains of sugar



grains of sugar



sugar cube

a) Which type of sugar has the most surface area?



crushed grains of sugar



grains of sugar



sugar cube

b) Which type of sugar would dissolve most quickly in water?



crushed grains of sugar



grains of sugar



sugar cube

Explain why the sugar you chose would dissolve most quickly.

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