

Sugary drinks

This task is about what happens when you add sugar to water.

Manaia's father liked sweet tea. He stirred three heaped teaspoons of sugar into a cup that was almost overflowing. He was surprised that adding the sugar didn't make the tea spill over into the saucer.

What happened to the sugar?

The hot tea caused it to evaporate.

It settled on the bottom of the cup.

It melted and became liquid.

It dissolved in the hot liquid.

Manaia was mixing a fruit cordial drink in a large glass which was three-quarters full of water. He was adding spoonfuls of sugar and stirring it in.

If he kept adding sugar and kept stirring the mixture, what would happen eventually?

The sugar would continue to dissolve, but Manaia's drink would be very sweet.

The mixture would slowly thicken and become a syrup.

All the sugar would dissolve, but the volume of the drink would increase.

No more sugar would dissolve and it would collect at the bottom of the glass.