

# Find the best solvent

This task is about carrying out a practical task to find out which of two liquids are solvents for any three given solids.

## How to do this task:

- Plan and carry out a "fair test" to find out which liquid is the best solvent. (A solvent is able to dissolve another substance, usually a solid).
- Complete the results table and write a conclusion.
- Liquids to use: water and cooking oil.
- Solids to use: salt, sugar, and cocoa.
- You might like to think about:

*What does "best" mean?*

*What are you going to measure?*

*What will you need to keep the same?*

*Will it be a "fair test"?*

a) Describe how you are going to carry out your fair test.

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b) Write your results in the table below.

| Liquids     | Solids |       |       |
|-------------|--------|-------|-------|
|             | Salt   | Sugar | Cocoa |
| Water       |        |       |       |
| Cooking oil |        |       |       |

c) What was your conclusion?

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