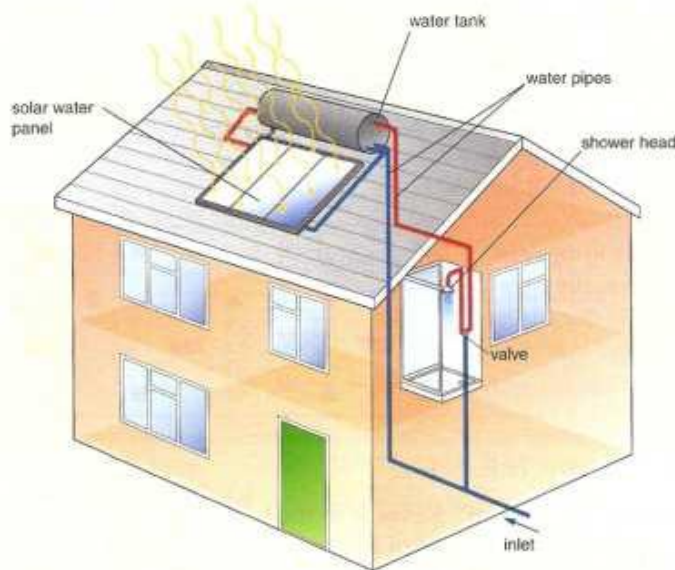


1 Heating system

- Start here** 1 Work in groups. Which way does the water flow in this system? Draw arrows to show the direction of the flow.

**Solar water heater**

The main parts of this system are water pipes, a solar water panel, a water tank, an inlet, a valve and a shower head. The tank is above the solar panel.

- 5 Cold water enters the system through the inlet. **It** then flows into the tank. From **here**, the water flows into the solar panel.

The Sun heats the water in the panel.

- 10 The hot water rises and flows from the panel into the tank. In the tank, hot water stays at the top and cold water sinks to the bottom.

- 15 When you open the valve, hot water flows from the tank, through the valve, to the shower head. **Here**, **it** finally leaves the system.

- Reading** 2 Read the text. Check the directions of your arrows in 1.

- 3 What do these words refer to?

- | | | | |
|------------------|----------------|---------------|----------------|
| 1 It (line 6) | a) inlet | b) cold water | c) system |
| 2 here (line 7) | a) tank | b) inlet | c) water |
| 3 Here (line 16) | a) tank | b) valve | c) shower head |
| 4 it (line 16) | a) shower head | b) valve | c) hot water |

Example: 1 Cold water enters the system through the inlet. It then ...
In line 6, it refers to cold water.

- 4 Draw the flow chart, putting these boxes into the correct order.

