

How does a pressure cooker work?

The class trip this year is to an unfurnished alpine hut. The list of items that should be taken along is quite long. However, everything needs to be carried up the mountain on foot. Some students therefore protest when Imke also suggests taking a pressure cooker.

“Why should we lug that with us?” asks Marco.

“Well, if you want to spend all your time standing at the stove until the potatoes are cooked, then it can stay here. I could make better use of my time,” Imke replies.



Your task

Find out why a pressure cooker can be especially advantageous for cooking food, such as potatoes, at higher altitudes.

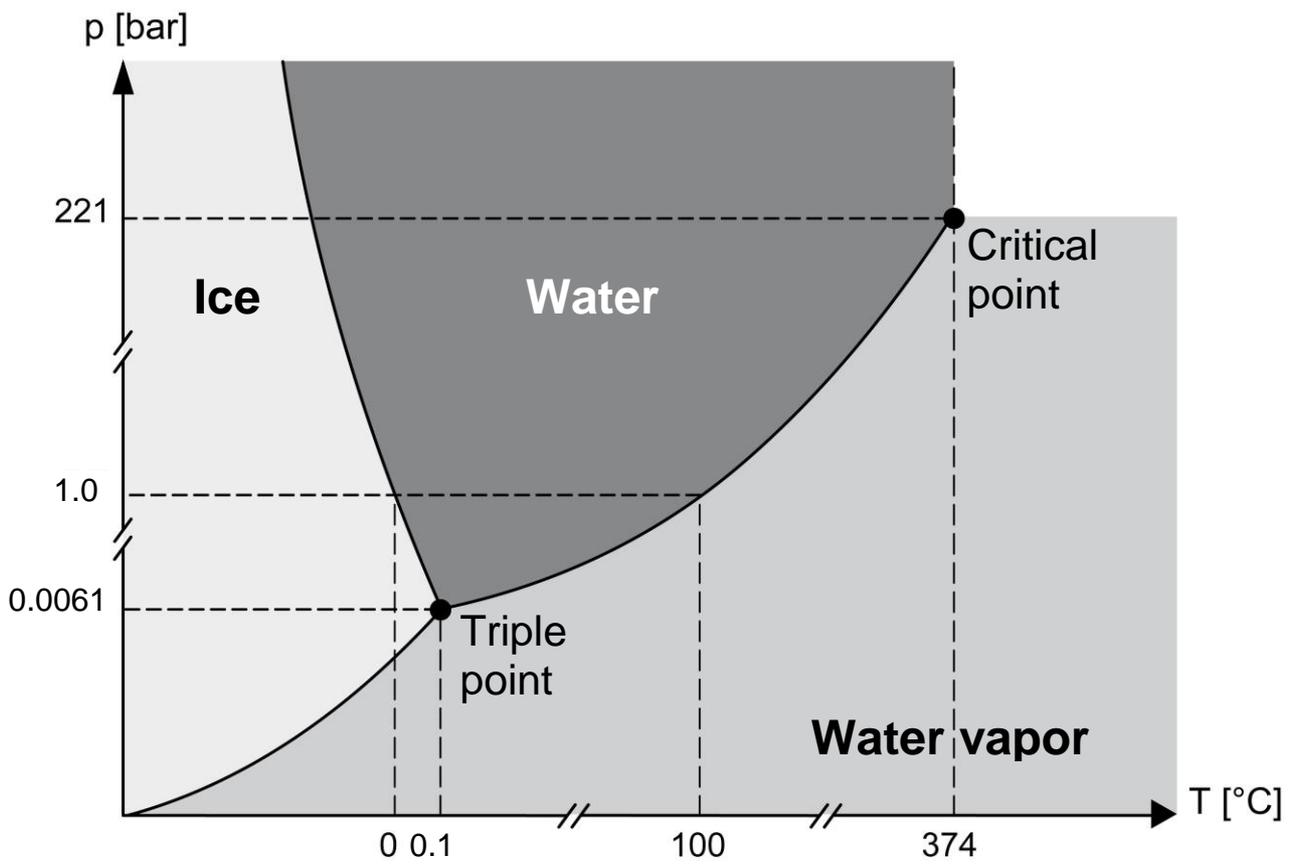
Use the phase diagram of water as an aid.

If you want to **use the online hints to solve the task**, scan the QR code with the **H**.

You can try to solve the task without using the provided hints.

When you are finished, compare your result with the sample solution. To do so, scan the QR code with the **S**.





Phase diagram of water.