

Inflating and deflating balloons

This task is about the effect of temperature on gases.



Sonja had her 12th birthday at a ski lodge. A friend gave her a large birthday balloon. When she went outside into the snow with her balloon it went down (deflated). But, as soon as she went back inside the lodge, it inflated again.

a) What made the balloon inflate and deflate?

b) What is happening to the gas particles when the balloon deflates?