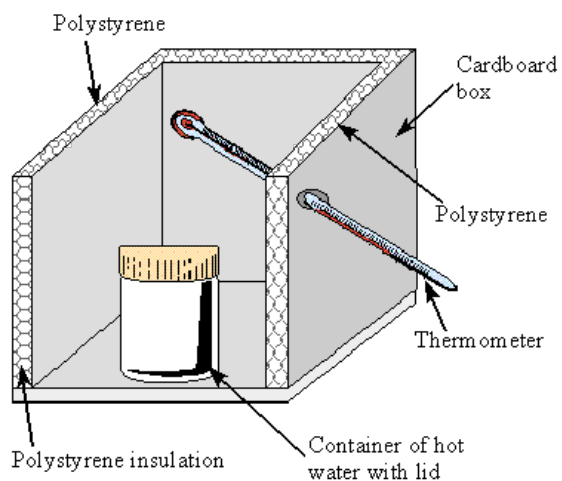


# Insulated house

---

Sara wanted to find out how well house insulation works. She made models of two houses - one that was insulated, and one that was not insulated. She used a cardboard box as a house and a sealed container of hot water as a heater.

This diagram shows a cross section of Sara's insulated house.



a)How would the walls be different in Sara's non-insulated house?

---

---

---

b)To make her investigation a "fair test", what are three things Sara would need to keep the same?

- i) 

---
- ii) 

---
- iii) 

---

c)Why do people use house insulation?

---

---