**ICT Assignment 1**

1. Sonia wants to buy her mother a present. She wants to buy a blue vase. She has $5 saved for the present. She sees a vase in a shop window. Write a logical argument and truth table to determine if she can buy the vase.
2. A building is equipped with smoke sensors and heat sensors. If either sensor is triggered, an alarm must sound so that the building can be cleared. Write a logical argument and truth table to describe this system.