1. **Modals of deduction and speculation:**
   a. **present:**
      1. Sam has just bought another new car. He must earn a lot of money.
      2. I can’t open the door because I don’t have the key.
      3. He can open the door because he has the key.
      4. It may/might rain tomorrow.
   b. **past:**
      1. You must have been happy when you heard you’d won the lottery.
      2. I can’t have left my wallet on the bus. I had it in the supermarket.
      3. They can have gone out for a picnic.
      4. I can’t find my wallet. I may/might have left it in the supermarket but I just don’t know.

2. **Modals of obligation:**
   a. **present:**
      1. You must/have to / ought to / should revise your lessons.
   b. **past:**
      1. I had to wear a school uniform when I was a child.
      2. You should/ought to have taken that job. It was a bad idea not to do so.
      3. We didn’t have to go to school on Saturdays. (no obligation)