Quiz 2: E-R Modeling

Based on the car dealership E-R schema below, indicate which of the following statements are TRUE and which are FALSE by circling the appropriate response.

1. Each mechanic has a unique name.
   TRUE FALSE

2. A mechanic may not be a salesperson and vice versa.
   TRUE FALSE

3. Every employee is either a mechanic or a salesperson.
   TRUE FALSE

4. A given salesperson can sell multiple cars to a given customer.
   TRUE FALSE

5. A given car can be sold to multiple customers.
   TRUE FALSE

6. Any given car repair will be made by just one mechanic.
   TRUE FALSE
7. No two car repairs, regardless of the cars involved, can have the same repairno.
   TRUE   FALSE

8. Every customer must have purchased one or more cars at some point in time.
   TRUE   FALSE

9. Every repair must have an associated car.
   TRUE   FALSE

10. Every car must have an associated repair.
    TRUE   FALSE