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