



✓ **Congratulations! You passed!**

TO PASS 60% or higher

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Practice Quiz: Review of Relational Database Concepts

TOTAL POINTS 3

1. So far you learned that Entity-Relationship Diagrams are a tool to design relational databases, and the concepts of a relational model including the terms entity, attribute, degree, and cardinality. Now let us try and apply the concepts we have learned to a real world example of a database. We will be working on a relational database schema called Car Dealership. The diagram below shows the schema diagram for the Car Dealership relational database schema.

1 / 1 point



A database has to be designed to keep track of automobile sales in a car dealership. Please answer the following questions based on the above schema.

How many relations does the Car dealership Schema contain?

- ☐ 1
- ☒ 3
- ☐ 4
- ☐ 10

✓ **Correct**

Correct! There are 3 relations or tables in this schema: CAR, SALE, and SALESPERSON.

2. Referring to the CAR DEALERSHIP Database schema above, indicate:

1 / 1 point

How many attributes does the relation CAR contain?

- ☐ 1
- ☐ 3
- ☒ 4
- ☐ 10

✓ **Correct**

Correct! There are 4 attributes or columns in the CAR table: Serial_no, Model, Manufacturer, Price.

3. Referring to the CAR DEALERSHIP Database schema above, indicate:

1 / 1 point

What is the degree of the relation Salesperson?

- ☐ 1
- ☒ 3

✓

☐ 4

☐ 10



Correct

Correct. Degree refers to the number of attributes or columns. The Salesperson table has 3 columns: Salesperson_id, Name, Phone.