



✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Graded Quiz: Test your Project understanding

LATEST SUBMISSION GRADE

100%

1. Dia is a free diagramming tool that is used for database diagramming. However, it includes tools that can be used for other types of diagrams as well.

1 / 1 point

- ☐ FALSE
☒ TRUE

✓ **Correct**

Correct! Dia has many tool sets and can be used to create a wide variety of diagrams.

2. Select the list of database design steps that is in the correct sequence.

1 / 1 point

- ☐ 1. Create the database.
2. Requirements Analysis
3. Relational Data Model
4. Entity Relationship Diagram
- ☐ 1. Entity Relationship Diagram
2. Requirements Analysis
3. Relational Data Model
4. Create the database.
- ☒ 1. Requirements Analysis
2. Entity Relationship Diagram
3. Relational Data Model
4. Create the database.
- ☐ 1. Requirements Analysis
2. Relational Data Model
3. Entity Relationship Diagram
4. Create the database.

✓ **Correct**

Correct! Determine the requirements, complete the logical design, then the physical design, and then the database can be created.

3. In an entity relationship diagram (ERD) which symbol is used to represent a relationship?

1 / 1 point

- ☒ Diamond
☐ Circle
☐ Rectangle
☐ Oval

✓ **Correct**

Correct! The diamond shape, with a verb-like phrase inside of it, describes the logical relationship between two entities

4. Regarding entities and attributes, which of the statements below are TRUE.

1 / 1 point

☒ Product would be an entity; whereas, price and cost would be attributes.

✓ **Correct**

Correct! Attributes are characteristics or descriptors of entities.

☐ Name would be an entity; whereas, customer and product would be attributes.

☐ Price would be an entity; whereas, cost and weight would be attributes.

☒ Customer would be an entity; whereas, customer name and address would be attributes.

✓ **Correct**

Correct! Attributes are characteristics or descriptors of entities.

5. Which tool is used to connect a relationship symbol to an entity symbol?

1 / 1 point

☐ Modify object tool

☐ Arrow Style

☐ The TEXT tool

☒ The LINE tool.

✓ **Correct**

Correct! You can draw a line between two symbols with the LINE tool.

6. In Dia, you can click and drag to move objects around on the desktop, but you can only move one object at a time.

1 / 1 point

☒ FALSE

☐ TRUE

✓ **Correct**

Correct! As long as you select multiple objects by drawing a line around them, you can move them altogether as a group.