Assignment 2

Consider the following class diagram. What is the visibility of the method `calculate()` of the `Animal` class?

- Public
- Private
- Protected
- Package

Which of the following UML class diagrams most accurately models "A person keeps animals as pets. An animal may have one or more pets as its owners. Each pet is owned by one pet owner."

Which of the following is/are true for the class diagram given below?

- Each box shape has a title and may have one or more data fields.
- Each box shape may have a title or no title.
- Each box shape has a title and may have one or more data fields.
- Each box shape has a title and may have one or more data fields.

Which of the following statements is/are not part of a class diagram design?

- Attributes with their types
- Operations with parameters and return types
- Data structures
- Event structures
- Modifiers and references

Which of the following is/are true for the class diagram given below?

- A Pet has a type
- A Pet has a name
- A Pet has an owner
- A Pet has a size

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