SUMMER 2007 CS1316
UML PRACTICE QUESTIONS

1. UML Diagram 1
   Answer the questions below about the UML diagram here (Assume that all instance variable have public access +):

   ![UML Diagram]

   a. Instances of which classes have a field (instance variable) named address?

   b. Do HourlyEmployee instance have Offices?

   c. By what name do instances of the class Office know their Building instances?

   d. List all the fields (instance variables) of a SalariedEmployee.

   e. List all the classes whose instances can use the method fire().

   f. List all of the instance variables in Person.

   g. List all of the instance variables in HourlyEmployee
h. List all of the instance variables in Office instances

i. Instances of what classes can use the method hire()?

j. How many Offices of a Building can exist?

k. How many Buildings are associated with a given Office?
2. **UML Diagram 2**

Answer the questions below about the UML diagram here (Assume that all instance variable have public access +):

![UML Diagram](image)

a. Which classes understand the method eat()?

b. Which classes have a phoneNumber?

c. Which classes understand the method chewToy()?

d. How many Dogs can each DogOwner have (min and max)?

e. Which classes have a name?