Q1. What is the difference between \_\_getattr\_\_ and \_\_getattribute\_\_?

\_\_getattribute\_\_ has a default implementation, but \_\_getattr\_\_ does not

Q2. What is the difference between properties and descriptors?

descriptors are a low-level mechanism that lets you hook into an object's attributes being accessed. Properties are a high-level application of this; that is, properties are implemented using descriptors

Q3. What are the key differences in functionality between \_\_getattr\_\_ and \_\_getattribute\_\_, as well as properties and descriptors?

* \_\_getattribute\_\_ has a default implementation, but \_\_getattr\_\_ does not
* descriptors are a low-level mechanism that lets you hook into an object's attributes being accessed. Properties are a high-level application of this; that is, properties are implemented using descriptors