Object-Orient Programming Essentials Review

**Encapsulation**

1. Define **encapsulation**.
2. What are the benefits of **encapsulation**?
3. Give an example of **encapsulation** as it relates to Java.

**Inheritance**

1. Define **inheritance**.
2. What are the benefits of **inheritance**?
3. Give an example of an **inheritance** relationship as it relates to Java.

**Polymorphism**

1. Define **polymorphism**.
2. What is **method** **overloading**?

1. Give an example of **method** **overloading**.
2. What is **method** **overriding**?

1. Give an example of **method** **overriding**.