Ch 7 Critical Thinking Questions -

1 - The values of Pi and the double 'radius' are set as private, which are encapsulated

2 - The constructor should have the same name as the class.

3 - The public modifier allows elements to be accessible from any other classes. Setting it as private makes it to where only elements within the same class can access it.

4 - In the first line we already set the radius as 2. If there is a constructor method by the name of radius(), it should be valid since we just change it to 5.

5 - a) Roo
    b) x
    c) getX()
    d) setX()
    e) factor()
    f) public int calculate()
    g) 6

6 - A class is a blueprint for creating objects. It defines the properties and methods of an object, whereas the object itself is an instance of the class.

9 - a) Private static int x
    b) Private static final z, and Public double y
    c) Public double y, private static int x, private static final z
    d) Private static int x, private static final z