Chapter 7 CRT

1. Which members of the Circle class are encapsulated?

The private variables, like radius, are encapsulated because they can't be accessed directly outside the class.

2. What name must the constructor of a class have?

The constructor must have the same name as the class.

3. Difference between private and public:

private: can only be used inside the class

public: can be used anywhere

4. Is this code valid or invalid? Explain.

Circle..radius new Circle(2) 5

Invalid
You can't access Radius directly because it's private, and the code format is wrong.

5. Using the Roo class:

a) Name of the class:

Roo

b) Name of the data member:

x

c) Accessor method:

getX()

d) Modifier method:

setX(int z)

Chapter 7 CRT

e) Helper method:

factor()

f) Name of the constructor:

Roo

g) How many method members are there?

5 methods

6. Difference between a class and an object:

A class is a blueprint, An object is something made from the class