

Question 1:

Pi, radius, and circleArea

Question 2:

The same name as the class the constructor resides in

Question 3:

Private makes the variable visible only to the class it belongs to, but it can still be utilized via the class methods, public makes the variable available to any other class in the application, regardless of package.

Question 4:

According to the constructor, the dot circle object has a set radius of 2, not 5, meaning the final statement is invalid.

Question 5:

A: Roo

B: x

C: getX

D: setX

E: factor

F: Roo

G: 4

Question 6:

A class is user defined, with its own member data and member functions, an object is an instance of a class used to access the member data and member functions of the class.

Question 9:

A: z

B: x, and y

C: y

D: x, and z