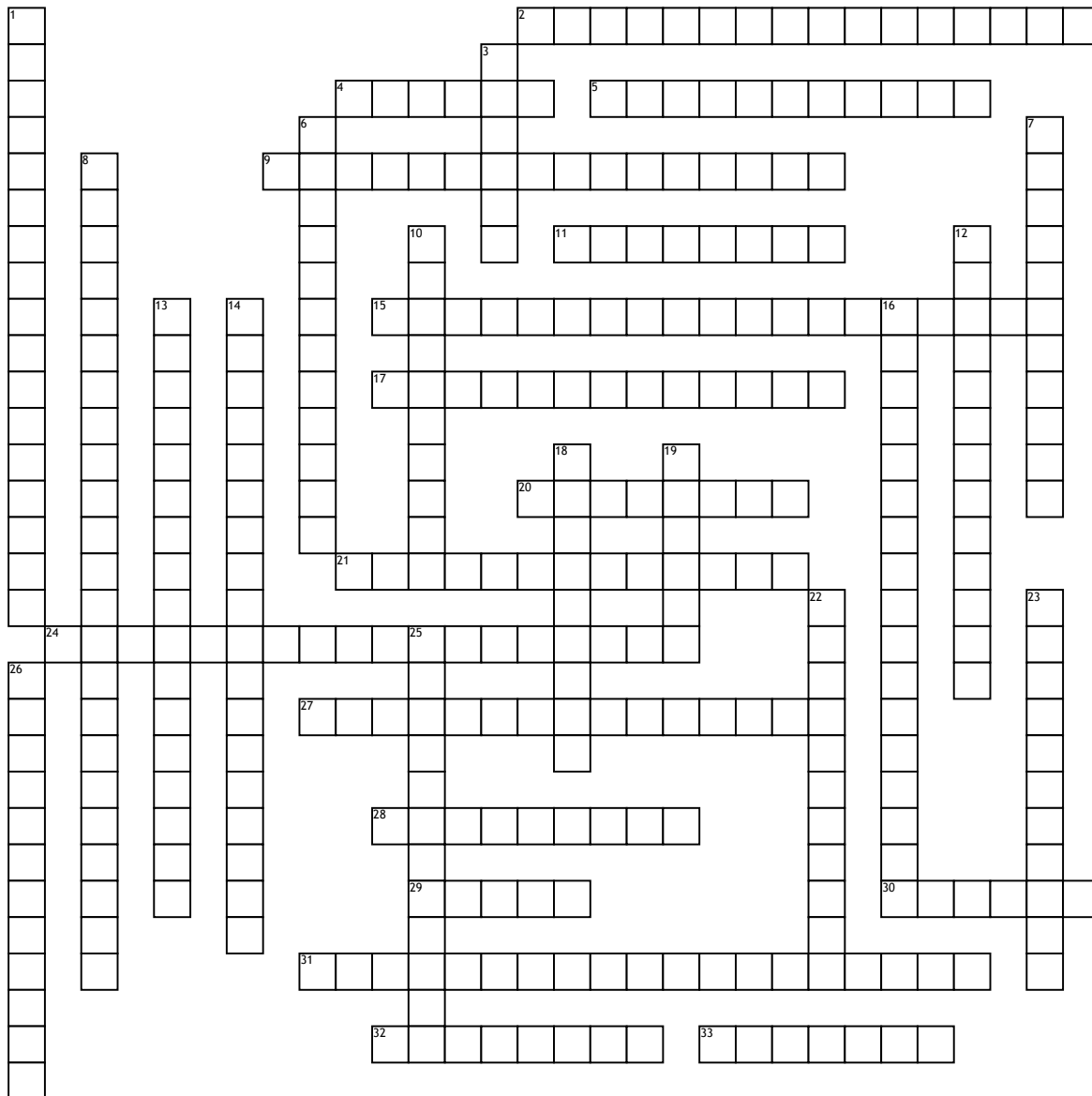# Chapter 9 Crossword

Across

2. The relationship created using composition is called a _____ because one class "has an" instance of another.

4. The _____ class access modifier means access to the class is not limited.

5. The technique of using an object within another object.

9. Has only a get accessor, and not a set accessor.

11. The _____ class access modifier means access is limited to the assembly to which the class belongs.

15. Describes access to a class.

17. A type that holds a memory address.

20. A member of a class that provides access to a field of a class; properties define how fields will be set and retrieved.

21. _____ of a class is a created object.

24. A parameterless constructor.

27. Methods that are used with object instantiations.

28. _____ in properties specify how a class's fields are accessed.

29. An object's _____ is the set of contents of its fields.

30. Another term for a class property's set accessor.

31. Auto-implemented properties.

32. A group of code modules compiled together to create an executable program.

33. The _____ class access modifier means access is limited to another class to which the class belongs. In other words, a class can be private if it is contained within another class, and only the containing class should have access to the private class.

Down

1. A feature found in all object-oriented languages, in which a class's data is private and changed or manipulated only by its own methods.

3. Instance variables within a class.

6. An object's fields are accessed by _____ that allow retrieval of a field value by using a property name.

7. A method that instantiates an object.

8. One in which the code within the accessors is created automatically. The only action in the set accessor is to assign a value to the associated field, and the only action in the get accessor is to return the associated field value.

10. _____ hold a value; they are predefined types such as int, double, and char.

12. The reference to an object that is implicitly passed to an instance method of its class.

13. Undeclared and gets its value automatically.

14. Identifiers that act like keywords in specific circumstances.

16. _____ of a class are the data components that exist separately for each instantiation.

18. The _____ class access modifier means access to the class is limited to the class and to any classes derived from the class.

19. Another term for a class property's get accessor.

22. Describes a class; it contains an optional access modifier, the keyword class, and any legal identifier for the name of the class.

23. A program or class that instantiates objects of another prewritten class.

25. An object's fields are assigned by _____ that allow use of the assignment operator with a property name.

26. A field that has a property coded for it.