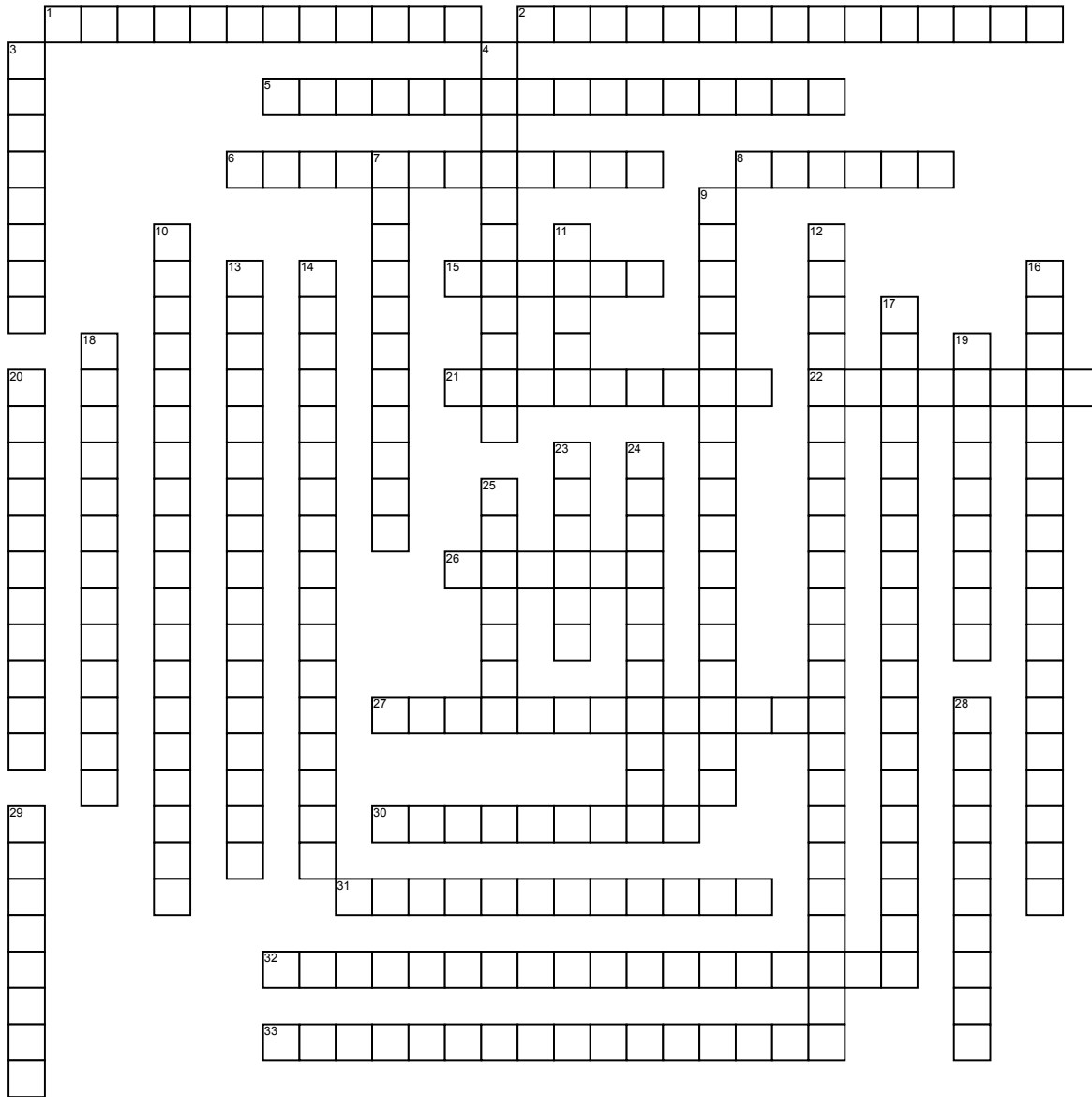# Chapter 9 vocab

Across

1. allow retrieval of a field value by using a property name.

2. methods that are used with object instantiations.

5. one class "has an" instance of another

6. allow use of the assignment operator with a property name

8. another term for a class property's get accessor

15. another term for a class property's set accessor

21. the reference to an object that is implicitly passed to an instance method of its class

22. class access modifi er means access is limited to the assembly to which the class belongs.

26. instance variables within a class

27. type that holds a memory address.

30. properties specify how a class's fields are accessed

31. field that has a property coded for it

32. identifi ers that act like keywords in specific circumstances

33. only a get accessor, and not a set accessor

Down

3. a group of code modules compiled together to create an executable program

4. it contains an optional access modifi er, the keyword class, and any legal identifier for the name of the class

7. program or class that instantiates objects of another prewritten class

9. undeclared and gets its value automatically.

10. access to a class.

11. the set of contents of its fields

12. one in which the code within the accessors is created automatically.

13. a class are the data components that exist separately for each instantiation

14. 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.

16. parameterless constructor

17. auto-implemented properties

18. a class is a created object

19. class access modifi er means access to the class is limited to the class and to any classes derived from the class

20. the technique of using an object within another object.

23. access modifier means access to the class is not limited

24. a method that instantiates (creates an instance of) an object.

25. access modifi er 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.

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

29. member of a class that provides access to a fi eld of a class; properties define how fields will be set and retrieved