

**Instructions:** This quiz is to be taken in silence, without notes, books, or electronic devices (including "smart" watches or earbuds). The time limit to complete it is **10 minutes**. Answer the following questions, trying to be as clear and as accurate as possible. Take your time to read the statements carefully before trying to answer them. If you need more space, write on the back of your test page and indicate it clearly. When writing code, make sure your special punctuation characters are legible, and your lowercase and uppercase letters are easy to distinguish. As usual, every statement or series of statement is assumed to be in a valid class and method, e.g., there is no need to write the `Main` method header.

\_\_\_\_ / 2 pts.

**Question 1** What is the right syntax for an automatic `Width` property? *Select all that apply.*

- ☐ `public int Width { Get; Set; }`
- ☐ `public int Width { Set(); Get(); }`
- ☐ `public int Width { set(); get(); }`
- ☐ `public int Width { get; set; }`
- ☐ `public int Width { set; get; }`
- ☐ `public int Width { get{ return width; }; set{ width = value; } }`

\_\_\_\_ / 3 pts.

**Question 2** Assume given a `Circle` class with a `Color` property. Write two statements, to be placed in a `Main` method, that create a `Circle` object and set its `Color` to "green".

\_\_\_\_ / 5 pts.

**Question 3** Write an `int Age` property (and its backing field if needed) whose setter uses the value 0 if given a value less than 0 or greater than 160. The getter should simply return the value stored.