

Answer the following questions using the GridWorld `Grid` interface and `Location` class API's.

- _____ 1. How many constructors are found in the `Location` class?
 - _____ 2. What are the names of the parameters in the "other" constructor in the `Location` class?
 - _____ 3. What `Location` class constant can be used for turning 90 degrees to the left?
 - _____ 4. What type is returned by the `getAdjacentLocation` method?
 - _____ 5. What type is returned by the `getDirectionToward` method?
 - _____ 6. What method can be used to determine the number of columns in a `Grid`?
7. List the 4 methods in the `Grid` interface that return an `ArrayList` of `Location` object references.
8. What is the precondition of the `remove` method in the `Grid` interface?
9. Explain the purpose of the `getEmptyAdjacentLocations` method in the `Grid` interface.