Provide short answers to the following questions:

*Welcome to C#*

1. What problem do namespaces solve?

When programs grow, more code usually means more classes, with more methods, requiring you to keep track of more names. In the past, programmers prevented name-clashing problems by prefixing names with a qualifier. However, this solution is not scalable. Namespaces solve this problem by creating a container for items such as classes so that two classes with the same name will not be confused with each other as long as they live in different Namespaces.

*Variables, Operators, and Expressions*

1. In order of precedence, what are the five basic arithmetic operators in C#?

\* , / , % , + , -

1. How do you override the precedence of an operator?

Put the expression into parentheses ()

1. What is the associativity of most binary operators in C#?

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