Fill in the blanks:

1. Instantiating an array allocates a contiguous block of memory.
2. An array is a reference type, so it allocates memory on the heap.
3. You can initialize an array with static or runtime values by putting the values in curly braces.

Provide short answers to the following questions:

1. **Give an example of a situation where you would prefer a for block rather than foreach when iterating over an array.**

If you want to iterate backward it is easier to use a for block rather than foreach.

1. **Give an example of a situation where you would use a jagged array.**

When an application uses only some of the data in each column, using a jagged array would use less memory than a multidimensional array.