# Chapter 7 Homework

1. If an array contains 10 elements, what is the index of the last element?
   1. The index starts a 0 so the last element would be 9
2. If a method takes an array as a parameter, how can the method determine how many elements are in the array?
   1. All arrays have an instance variable of *length*
3. Write a Java statement that declares an array named myIntegers to hold 50 integers.
   1. Int[] myIntergers = new int[50]
4. What are two advantages for using the enhanced for statement?
   1. Iterates through the elements of an array without using a counter
   2. Avoids stepping outside of the array limits
5. In the two-dimensional array table[10][20], what does the following statement represent?

table[4].length;

* 1. This will return the length of the 5th row in a two dimensional array.