

Sorting

Name _____

Given **int[] numbers = { 4, 3, 9, 1, 5, 6 };**, complete the following.

1. If a Selection sort routine was being used to place the integers in order from low to high, write the results of each pass.

4	3	9	1	5	6

2. If an Insertion sort was being used to place the integers in order from low to high, write the results of each pass.

4	3	9	1	5	6

3. Using the array **numbers**, demonstrate how the merge sort would be executed.