1. Bubble and Merge Sort are referred to as comparison sorts because the values of the two pieces of data are compared during each step. Why are the radix and bucket sort not comparison sorts?

**Answer**

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| **The radix and bucket sorts are not comparison sorts because they do not compare the values they are given.** |

2. Which sort do you think would be the fastest if you had to sort more than one deck of cards? Why?

**Answer**

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| **The bucket sort because of the it's faster to lay all the cards out to sort them other than comparing them two at a time.** |