Step 0: Were the data accurately distributed among the partitions?

1 pt
Yes, there were a total of 8 squares, 4 stars, 5 circles, 4 hearts and three triangles.

0 pts
No, some data was lost or modified (e.g., there were not the correct #s of each shape among the partitions).

Step 0: Were the partition loads balanced?

2 pts
Yes, there were 6 shapes per partition, but they were not yet organized by shape.

1 pt
Sort of. There were 6 shapes per partition, but they were already organized by shape.

0 pts
No, the load was no balanced.

Step 1 - Map: Within each partition, was the data accurately mapped?

2 pts
Yes, within each partition, the various shapes were grouped together visually (indicating the grouping together of related keys).

1 pt
Some partitions were correctly mapped, but not all.

0 pts
No.

Step 2 - Shuffle and Sort: Was the data accurately represented transferred?

1 pt
Yes, the count of the shapes remained accurate.

0 pts
No.

Step 2 - Shuffle and Sort: Was the data accurately shuffled and sorted among the partitions?

1 pt
Yes, like shapes were grouped together within a single partition and load was balanced.

0 pts
No, either shapes weren't always grouped together, were split across more than one partition, or not reasonably load balanced.

Step 3 - Reduce: Was the data reduced to identify correct counts?

1 pt

Yes, the submission identified 8 squares, 4 stars, 5 circles, 4 hearts, and 3 triangles.

0 pts

No.