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.