Name: Mustafa Senih Topsakal Date:11/21/2021 Grade: \_\_\_\_\_\_

Sort the following list using count sort:

3,5,8,1,4, 2 ,1

So we have our data: 3 5 8 1 4 2 1 respectively

0 1 2 3 4 5 6 7 8 9

Index: 0 0 0 0 0 0 0 0 0 0

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1 1 1 1 1

1

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2 1 1 1 1

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2 3 3 4 5 5 5 6 6

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Now we place them in representative orders:

Places: 1 2 3 4 5 6 7

1 1 2 3 4 5 8 🡨 Answer