Question 1
What type of data does a Bar Chart best represent? 1 / 1 point

Location Data
Numerical
Categorical
None of the above

Correct

Question 2
What are the total number of columns in the features dataframe after applying one hot encoding to columns Orbits, LaunchSite, LandingPad and Serial .

Here the features dataframe consists of the following columns FlightNumber', 'PayloadMass', 'Orbit', 'LaunchSite', 'Flights', 'GridFins', 'Reused', 'Legs', 'LandingPad', 'Block', 'ReusedCount', 'Serial' 1 / 1 point

120
80
83
96

Correct

Question 3
The catplot code to show the scatterplot of FlightNumber vs LaunchSite with x as FlightNumber, and y to Launch Site and hue to 'Class' is 1 / 1 point

```
 sns.catplot(y="LaunchSite",x="FlightNumber",hue="Class", data=df, aspect = 1,kind='cat')
plt.ylabel("Launch Site",fontsize=15)
plt.xlabel("Flight Number",fontsize=15)
plt.show()
```

```
 sns.catplot(y="LaunchSite",x="FlightNumber",hue="Class", data=df, aspect = 1)
plt.ylabel("Launch Site",fontsize=15)
plt.xlabel("Flight Number",fontsize=15)
plt.show()
```

```
sns.catplot(y="LaunchSite",x="FlightNumber",hue="Class", data=df, aspect = 1,kind='scatter')
plt.ylabel("Launch Site",fontsize=15)
plt.xlabel("Flight Number",fontsize=15)
plt.show()
```

```
sns.catplot(y="LaunchSite",x="FlightNumber",hue="Class", col=”Class”, data=df, aspect = 1)
plt.ylabel("Launch Site",fontsize=15)
plt.xlabel("Flight Number",fontsize=15)
plt.show()
```

Correct