Statistics & Probability   **On The Titanic – WDYN-WDYW**

Name_____**Date**_____**Period**_____**Score**_____

Based on your CARD,

Your TRAVEL CLASS:_____   **Total number in your travel class:**_____

Survival: **Yes   No**   **Total number Survived:**_____
(circle one)
                                                      Total number NOT survived:_____

With the class separated by travel class, answer the following

1.   What do you NOTICE?

   _____

   _____

   _____

2.   What do you WONDER?

   _____

   _____

   _____

After the designation of the class by who survived and who did not,

3.   What do you NOTICE?

   _____

   _____

   _____
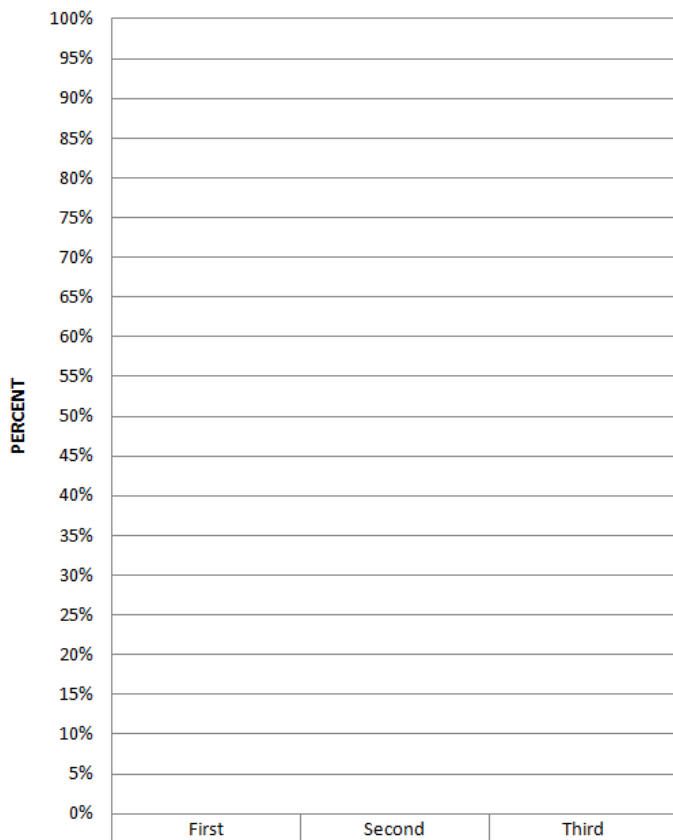

4.   What do you WONDER?

   _____

   _____

   _____

5. Complete the table based on your classmates' Titanic designation:
(Count the number of students for each.)

		Travel Class		
		1st	2nd	3rd
Survival Status	**Survived**			
	Did not survive			
	TOTALS			

6. Using the totals above, Calculate the percent for each class.

	Survived	Not Survived
1st		
2nd		
3rd		

7. Make a SEGMENTED BAR GRAPH

8. **Women First? Let's look at the data in more detail. The table below shows the Titanic data by gender.**

		Travel Class					
		1st		2nd		3rd	
		Female	Male	Female	Male	Female	Male
Survival Status	Survived	140	57	80	14	76	75
	Did not survive	4	118	13	154	89	387
	TOTALS						

Calculate the totals for each column.

a. **What do you NOTICE?**

_____

_____

_____

b. **What do you WONDER?**

_____

_____

_____

c. **Using Google Sheets, enter the data for Female vs. Male & Survival Status. Make a segmented bar graph.**

a. **What do you NOTICE?**

_____

_____

_____

b. **What do you WONDER?**

_____

_____

_____