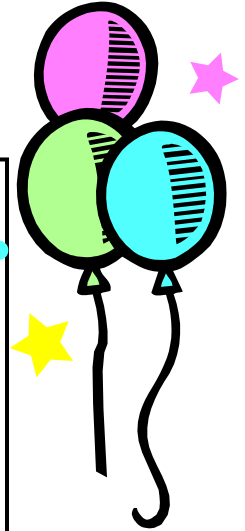


## 8<sup>th</sup> Grade Excel “Amusement Parks!”



It's your birthday and your parents have given you the choice of going to any one of five amusement parks in California. There is just one catch – they have asked that you choose the park with an entrance fee that is closest to the AVERAGE in price. Surf the internet to find how much it will cost for YOUR family to go to each park. Put your information into a spreadsheet and then graph your findings.

Amusement Park Choices (For prices Google the park + ticket prices)

- Disneyland
- Knott's Berry Farm
- Six Flags – Magic Mountain
- Universal Studios
- Sea World San Diego



1. Go to each of the five amusement park websites. Compute how much it will cost for your family to enter only THAT park for just ONE day (your birthday). After gathering all of the information, put your findings into a well-organized spreadsheet. An example of one way to set up the data is

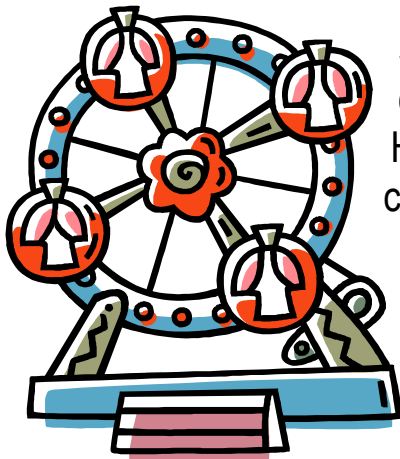
	A	B	C	D	E	F
1	<b>Amusement Park</b>	<b>Admission</b>	<b>Admission</b>	<b>Number of</b>	<b>Number of</b>	<b>Total Price</b>
2		<b>Price Per</b>	<b>Price Per</b>	<b>Adults in</b>	<b>Children in</b>	<b>of</b>
3		<b>Adult</b>	<b>Child</b>	<b>Family</b>	<b>Family</b>	<b>Admission</b>
4	Disneyland	\$<amount>	\$<amount>	<number>	<number>	<formula>
5	Knott's Berry Farm	\$<amount>	\$<amount>	<number>	<number>	<formula>
6	Six Flags	\$<amount>	\$<amount>	<number>	<number>	<formula>
7	Universal Studios	\$<amount>	\$<amount>	<number>	<number>	<formula>
8	Sea World	\$<amount>	\$<amount>	<number>	<number>	<formula>
9						
10	<b>Average Price</b>			<b>2</b>	<b>2</b>	<formula>
11						

below:

2. HINT: The formula for total price of admission would include the admission price per adult times the number of adults in your family PLUS the admission price per child times the number of children in your family. The average price formula would be the average of all the total prices of admission. Be sure to use ( ) when necessary!

3. When you have an average price figured, select and use a fill color such as red or yellow to show which one of the Amusement Parks is closest to the average price for YOUR family. (this may not be the same for someone else!)

4. Before you go any further, be sure you go to File-Page Set-up and format for landscape mode, add a header, and show gridlines.



5. Now you will GRAPH your findings. Highlight the entire columns B through E and right click. Choose the word HIDE. Part of your chart will disappear. Don't panic! We can UN-HIDE when we are ready! Now highlight the remaining columns and continue....

6. Decide which graphing process will give you the best analysis or show the information the easiest: column, bar, or line. Label the graph appropriately with a title, x and y axis. You may want to add the dollar amounts (value) to data labels.

7. When your chart is complete, hit print preview to check you are still on one page, then save. You will be using this information again, so BE SURE TO SAVE!!!! Submit using Google Classroom.

