

Name _____

Finding the Ultimate Ride!

Instructions: Use roller coaster Web sites that have statistics and find the top 5 roller coasters in the following categories:

Speed

Roller Coaster Name	Top Speed
1. Name	
2. Name	
3. Name	
4. Name	
5. Name	

Perform the following statistical analysis on the top 5 coasters for speed.

Mean:

Median:

Mode:

Range:

Largest Degree of Initial Drop

Roller Coaster Name	Degree of Initial Drop
1. Name	
2. Name	
3. Name	
4. Name	
5. Name	

Perform the following statistical analysis on the top 5 coasters for largest degree of initial drop.

Mean:

Median:

Mode:

Range:

Longest Ride in Terms of Time

Roller Coaster Name	Time
1. Name	
2. Name	
3. Name	
4. Name	
5. Name	

Perform the following statistical analysis on the top 5 coasters for longest ride in terms of time.

Mean:

Median:

Mode:

Range:

Longest Length of Track

Roller Coaster Name	Length of Track
1. Name	
2. Name	
3. Name	
4. Name	

5. Name	
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Perform the following statistical analysis on the top 5 coasters for longest length of track.

Mean:

Median:

Mode:

Range:

Which coaster provides the ultimate ride? Justify your response based on the statistics you have collected during this activity. Use a separate piece of paper and write your answer in paragraph form.