## Roller Coaster Ranking

# Dataset: Roller Coasters

Which roller coaster would you enjoy most?

A student would like to take a dataset full of roller coaster information and decide which roller coaster she would enjoy the most. She’s decided that she would like to rank the roller coasters based on a combination of the speed, the length, the highest drop, and the duration of the ride.

The ranking algorithm that she has decided on is listed below. The multipliers are based on how important she believes each feature of the roller coaster is.

Roller Coaster Score = (4 \* Speed) + (3 \* Length) + (5 \* Drop) + (4 \* Duration)

1. Define a function that will compute the score for each roller coaster.
2. Use this function to store the results in a new column.
3. Instead of searching the table for the roller coaster with the highest score, is there a function that you can use instead?
4. Would you use a different algorithm to score and rank the roller coasters? Which roller coaster would you most enjoy?

Python Tutorials:

* [Functions](https://codehs.com/tutorial/ryan/basic-functions-in-python)