3 Act Math – Ferris Wheel Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ACT 1 - **Big Question** (How high will the red cart be off the ground at the end of the ride?)

1. Watch ACT 1 video.
2. How many complete spins do you think the red car will take on its ride?

ACT 2 – Gathering information

1. What information do you need to solve this problem?
2. Sketch a graph of key points.

ACT 3 – Solve

1. How high will the red cart be off the ground at the end of the ride?

Sequel:

1. How long should a ride last so the person ends at the bottom for an easy exit?