

Lesson 2 Day 2

Power Tower Activity¹

Graph the distance from the ground of an individual (vertical axis) vs. the individual's total distance traveled (horizontal axis) (assume their feet were touching the ground at the beginning of the video).

Give a justification for your graph.

Choose a point on the graph and explain the meaning of that point.

Assuming that the ride was doubled in height, draw a second graph using the same axes above that reflects the relationship of an individual's distance from the ground vs. the individual's total distance traveled (assume their feet were touching the ground at the beginning of the video). Give a justification for your graph.

Assuming that the ride was doubled in speed, draw a second graph using the same axes above that reflects the relationship of an individual's distance from the ground vs. the individual's total distance traveled (assume their feet were touching the ground at the beginning of the video). Give a justification for your graph.

¹ Based on Dr. Kevin Moore's activity