

Intro to Calculus: Sketching Graphs from Pictures (3)?

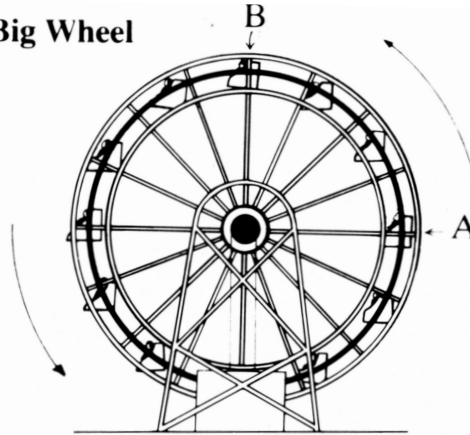
The Big Wheel¹

Goals

I can create a graph to represent a situation described via a picture and justify the graph I created.

The Big Wheel

The Big Wheel in the diagram turns round once every 20 seconds. On the same pair of axes, sketch two graphs to show how both the height of car A and the height of car B will vary during a minute.



Describe how your graphs will change if the wheel turns more quickly.

¹ These materials are adaptations of work from “The Language of Functions and Graphs”