

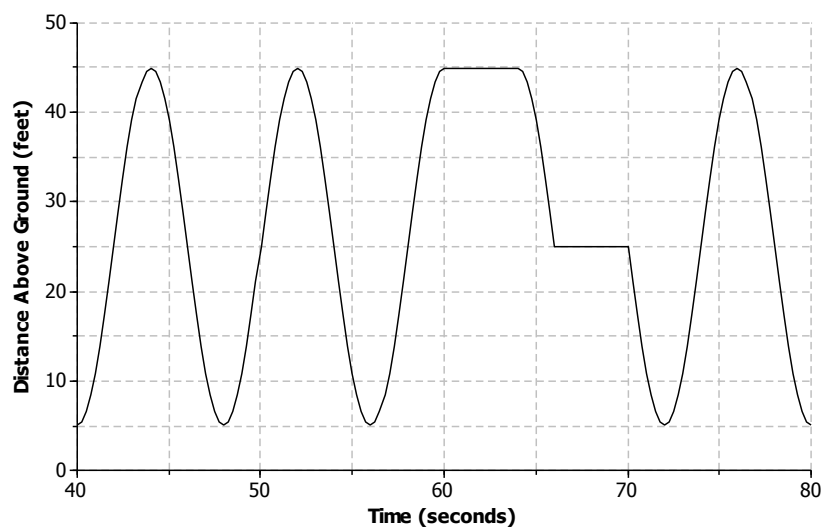
Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 5: Increasing and Decreasing Functions

### Exit Ticket

Lamar and his sister continue to ride the Ferris wheel. The graph below represents Lamar and sister's distance above the ground with respect to time during the next 40 seconds of their ride.



- Name one interval where the function is increasing.
- Name one interval where the function is decreasing.
- Is the function linear or nonlinear? Explain.
- What could be happening during the interval of time from 60 to 64 seconds?
- Based on the graph, how many complete revolutions are made during this 40 second interval?