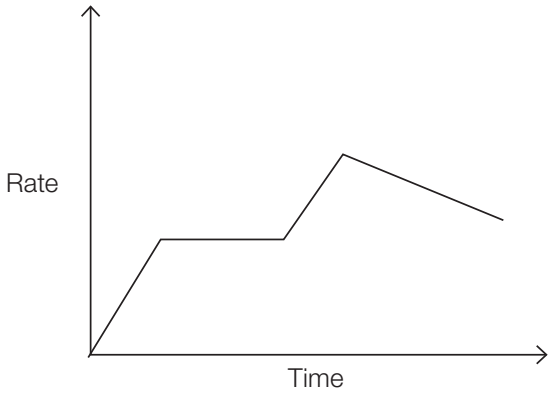
Figure 2.9

Grade 8 Higher-Level-Cognitive-Demand Reasoning Task

Directions: Use the graph of the continuous function to answer the following questions.



1. Explain how you might interpret this graph. As time (*x*) increases, what describes the nature of the changes in the rate (*y*)?

2. Create a real-life scenario to describe the rate of change represented by the graph. Be sure to include details to represent each moment in time the rate changes.